LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	9	12	15	rBV	39513	35974	0.12%	0.011%
2	3.146	23	27	38	rVB	1326309	1436697	4.94%	0.439%
3	3.464	78	81	85	rVB	54950	62680	0.22%	0.019%
4	4.023	171	176	182	rBV	52227	62261	0.21%	0.019%
5	4.534	256	263	267	rBV	76658	111731	0.38%	0.034%
6	4.640	273	281	288	rBV3	175118	402178	1.38%	0.123%
7	4.728	292	296	303	rVB	364066	486781	1.67%	0.149%
8	4.858	313	318	323	rVB2	70549	100858	0.35%	0.031%
9	4.940	328	332	339	rBV3	51226	98030	0.34%	0.030%
10	5.023	342	346	347	rBV2	30743	36158	0.12%	0.011%
11	5.046	347	350	356	rVB3	54194	83507	0.29%	0.026%
12	5.158	362	369	372	rVB3	39860	74756	0.26%	0.023%
13	5.205	372	377	383	rVB	105016	177600	0.61%	0.054%
14	5.264	383	387	392	rVB2	48009	67369	0.23%	0.021%
15	5.346	394	401	407	rBV5	24191	45436	0.16%	0.014%
16	5.405	407	411	413	rBV3	21895	29316	0.10%	0.009%
17	5.646	448	452	459	rVB	91735	138821	0.48%	0.042%
18	7.646	784	792	808	rBV	990256	1635108	5.62%	0.500%
19	10.422	1256	1264	1281	rBV	1345186	2346432	8.07%	0.717%
20	12.710	1645	1653	1658	rBV8	16466	36299	0.12%	0.011%
21	13.057	1707	1712	1716	rBV4	25143	46166	0.16%	0.014%
22	13.598	1801	1804	1807	rBV5	20208	32192	0.11%	0.010%
23	13.698	1817	1821	1827	rBV2	102695	150395	0.52%	0.046%
24	13.781	1831	1835	1838	rVV2	66459	101506	0.35%	0.031%
25	13.822	1838	1842	1850	rVB10	49116	112916	0.39%	0.035%
26	14.022	1872	1876	1881	rBV6	73093	138334	0.48%	0.042%
27	14.116	1887	1892	1900	rVB	211566	340400	1.17%	0.104%
28	14.193	1900	1905	1910	rBV5	75044	158530	0.54%	0.048%
29	14.251	1910	1915	1917	rBV2	97463	165063	0.57%	0.050%
30	14.293	1917	1922	1930	rVB2	2114711	3376437	11.61%	1.032%
31	14.822	2008	2012	2019	rBV4	197817	355434	1.22%	0.109%
32	15.010	2040	2044	2050	rBV8	147474	305358	1.05%	0.093%
33	15.081	2051	2056	2060	rBV2	458197	679108	2.33%	0.208%
34	16.045	2213	2220	2231	rBV2	966544	2222501	7.64%	0.679%

LSC Area Percent Report

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Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

35	16.869	2357	2360	2367	rVB	801134	1191710	4.10%	0.364%
36	17.045	2386	2390	2398	rBV2	2722916	4755268	16.35%	1.453%
37	18.122	2569	2573	2579	rVB	2950011	3961798	13.62%	1.211%
38	18.410	2618	2622	2626	rVB	1449572	1801753	6.19%	0.551%
39	18.898	2701	2705	2709	rBV	3205730	4022250	13.83%	1.229%
40	18.951	2710	2714	2717	rVV	9171772	14549685	50.02%	4.447%
41	18.980	2717	2719	2727	rVB3	9183204	12886051	44.30%	3.938%
42	19.057	2729	2732	2738	rBV3	1559544	2094566	7.20%	0.640%
43	19.186	2750	2754	2762	rBV3	3010173	7502713	25.79%	2.293%
44	19.263	2762	2767	2773	rVV	16660274	24443902	84.03%	7.471%
45	19.328	2773	2778	2782	rVB	8589040	10447586	35.92%	3.193%
46	19.451	2796	2799	2806	rVB3	905157	1161732	3.99%	0.355%
47	19.522	2807	2811	2817	rVB	5921471	7518722	25.85%	2.298%
48	19.604	2821	2825	2829	rVB	9242660	11266128	38.73%	3.443%
49	19.651	2829	2833	2837	rBV	4351226	5360099	18.43%	1.638%
50	19.710	2837	2843	2848	rVB	17844317	24761907	85.12%	7.568%
51	19.757	2848	2851	2858	rVB	1850925	2226781	7.65%	0.681%
52	19.833	2860	2864	2865	rBV	1834173	2192861	7.54%	0.670%
53	19.851	2865	2867	2870	rVB	1168077	1105017	3.80%	0.338%
54	19.927	2877	2880	2883	rVB	1131150	1186284	4.08%	0.363%
55	19.975	2883	2888	2892	rVV2	10359641	13731117	47.20%	4.197%
56	20.027	2892	2897	2902	rVB	22864586	29089326	100.00%	8.890%
57	20.098	2906	2909	2915	rVB	1173286	1498173	5.15%	0.458%
58	20.175	2916	2922	2930	rVB4	2643912	4994092	17.17%	1.526%
59	20.257	2931	2936	2940	rVB	13775898	15890820	54.63%	4.857%
60	20.304	2940	2944	2946	rBV	5611575	6886163	23.67%	2.105%
61	20.333	2946	2949	2957	rVB	12828862	15583596	53.57%	4.763%
62	20.404	2957	2961	2967	rVB2	3518772	4640408	15.95%	1.418%
63	20.475	2969	2973	2975	rBV	1565765	1989118	6.84%	0.608%
64	20.498	2975	2977	2981	rVB2	1566055	1711579	5.88%	0.523%
65	20.575	2981	2990	2996	rBV	15838291	28151722	96.78%	8.604%
66	20.651	3000	3003	3007	rBV	1291083	1428213	4.91%	0.436%
67	20.716	3010	3014	3020	rVB3	1657325	2417098	8.31%	0.739%
68	20.775	3021	3024	3032	rVB2	1137059	1714212	5.89%	0.524%
69	20.874	3036	3041	3045	rBV	5962377	6985299	24.01%	2.135%
70	20.986	3056	3060	3065	rVB	1754732	2232983	7.68%	0.682%
71	21.039	3066	3069	3075	rVB	1071201	1331189	4.58%	0.407%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	21.092	3075	3078	3080	rBV	675835	779610	2.68%	0.238%
73	21.122	3080	3083	3088	rVV	3219225	3841014	13.20%	1.174%
74	21.174	3088	3092	3099	rVB2	878888	1493363	5.13%	0.456%
75	21.245	3099	3104	3106	rBV	3978581	5203884	17.89%	1.590%
76	21.269	3106	3108	3115	rVB	4326593	5095607	17.52%	1.557%
77	21.580	3156	3161	3166	rBV	2768537	3616021	12.43%	1.105%
78	21.639	3168	3171	3178	rVB3	493416	677055	2.33%	0.207%
79	21.704	3179	3182	3188	rVB	569563	663044	2.28%	0.203%
80	22.263	3273	3277	3280	rBV	420207	587021	2.02%	0.179%
81	23.451	3473	3479	3492	rVB	2386329	4883063	16.79%	1.492%

Sum of corrected areas: 327203935

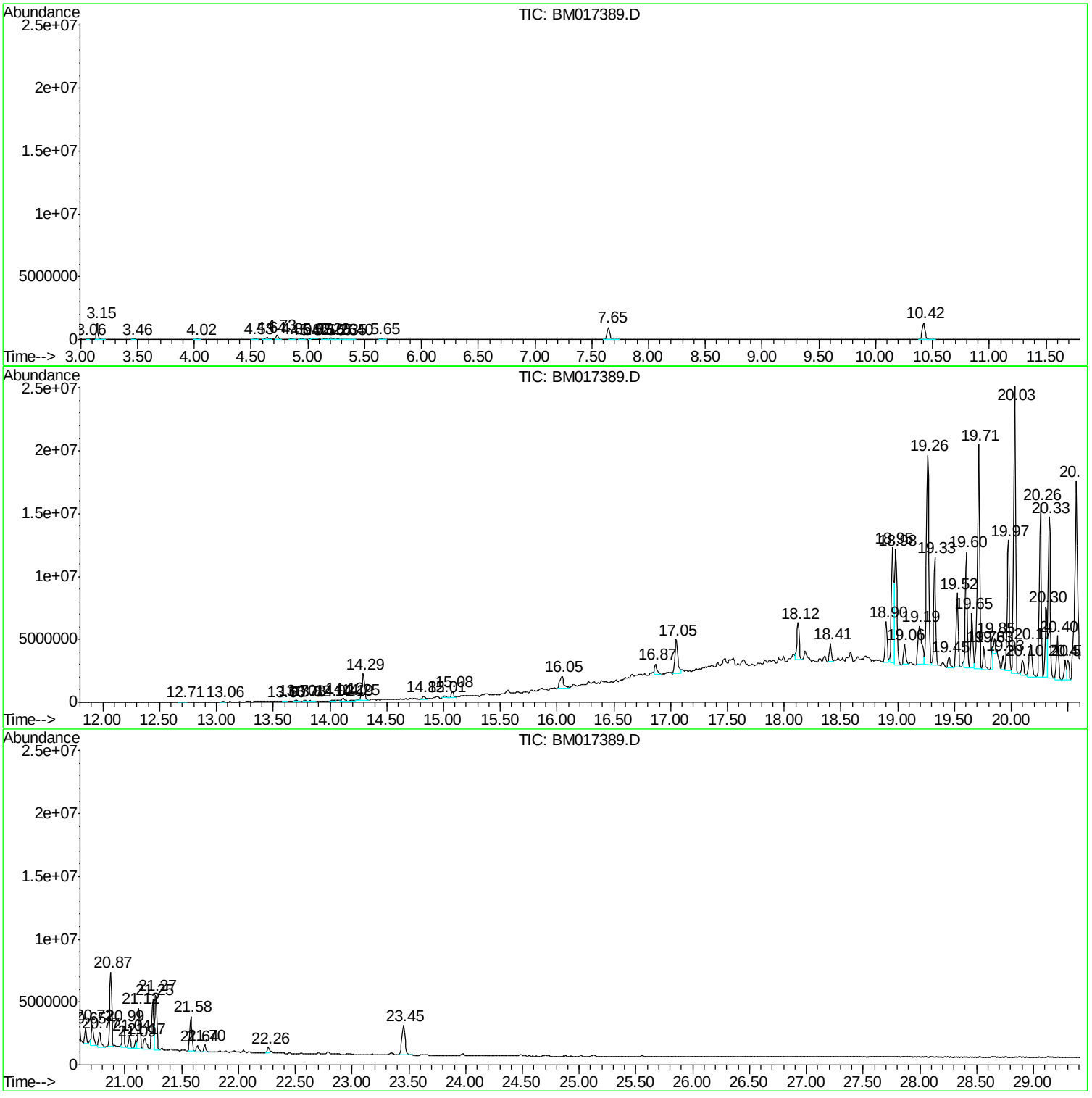
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

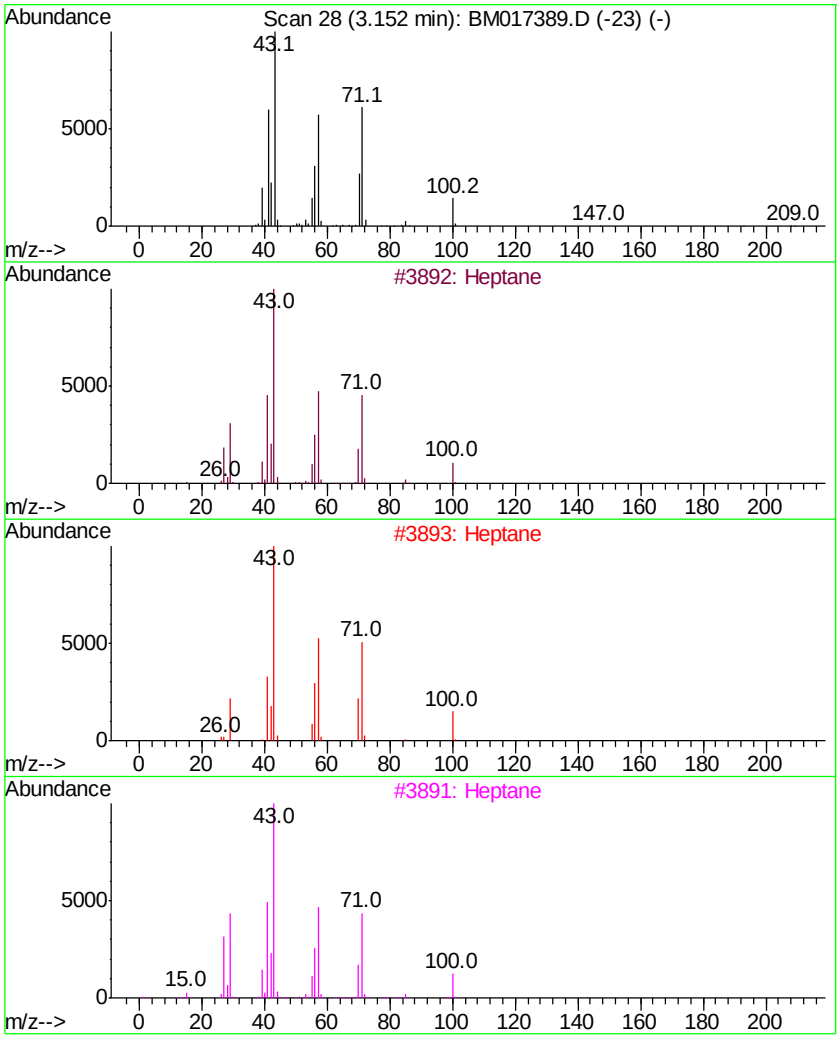
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

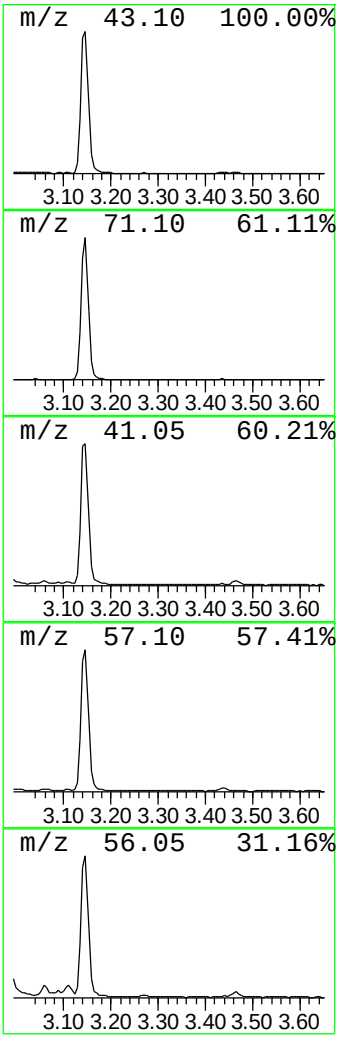
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	17.57 ng/ul	1436700	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

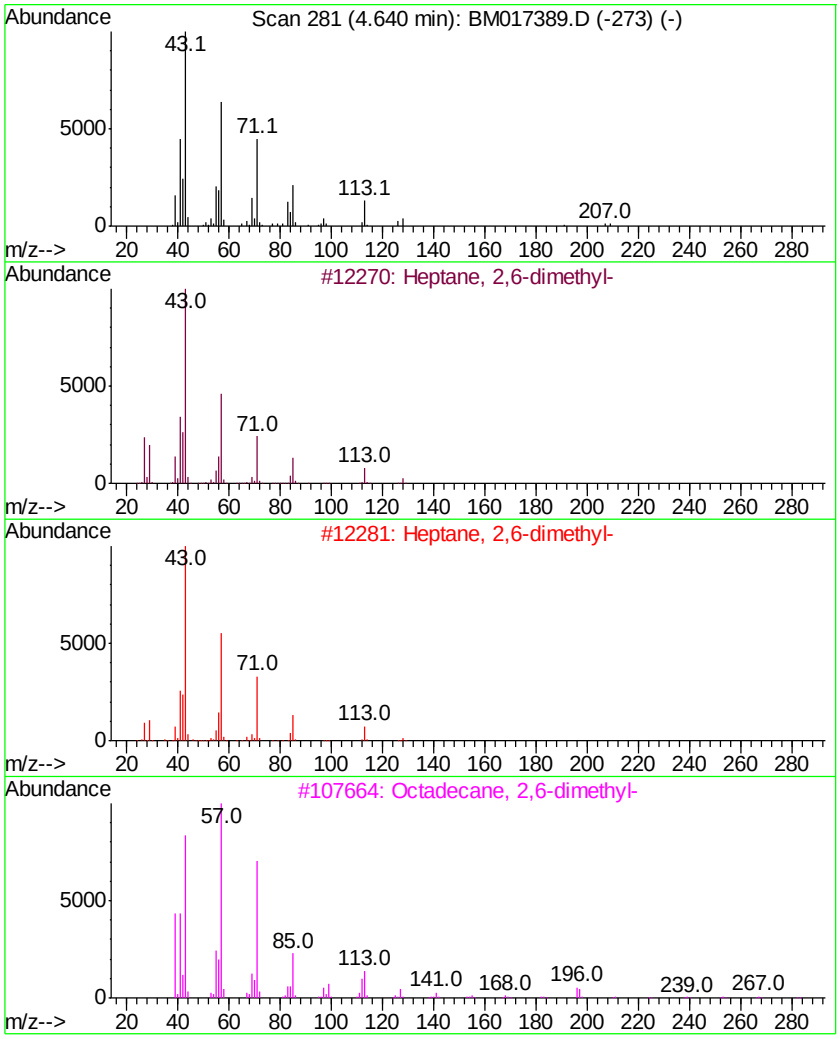
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

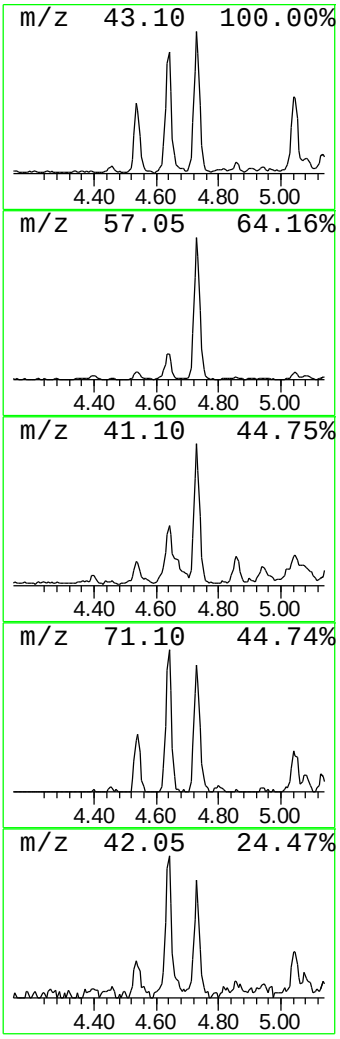
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	4.92 ng/ul	402178	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	81
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	81
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	58
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

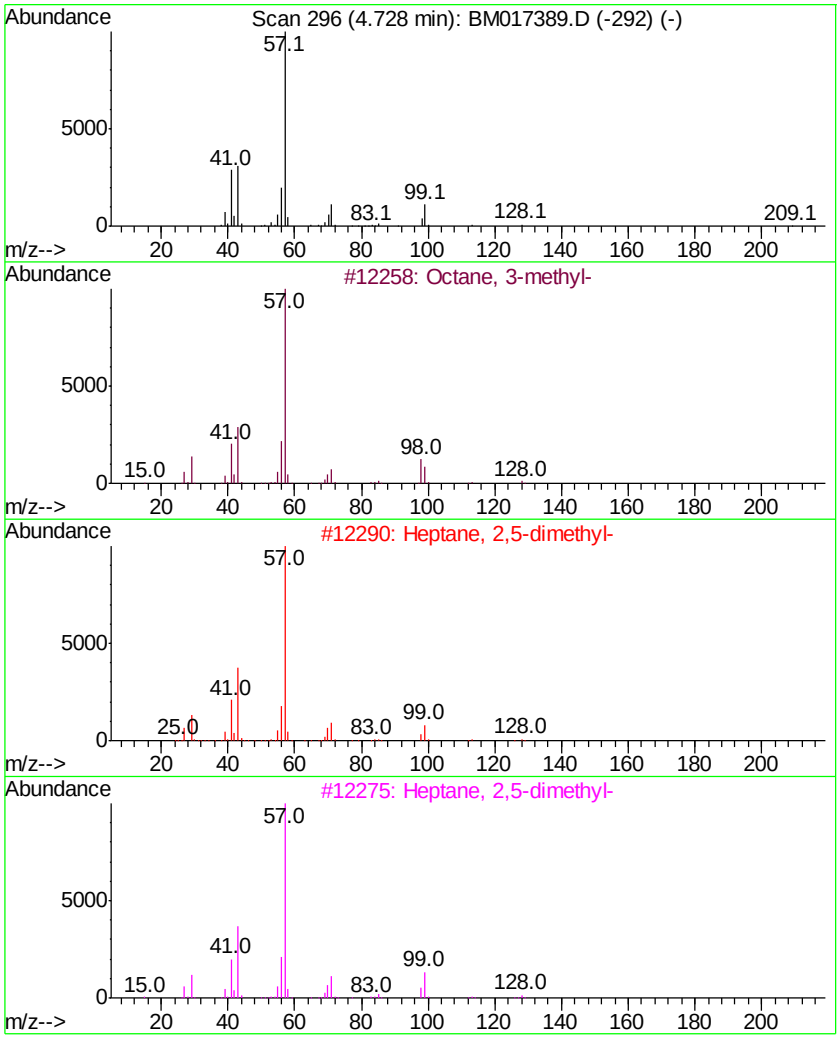
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

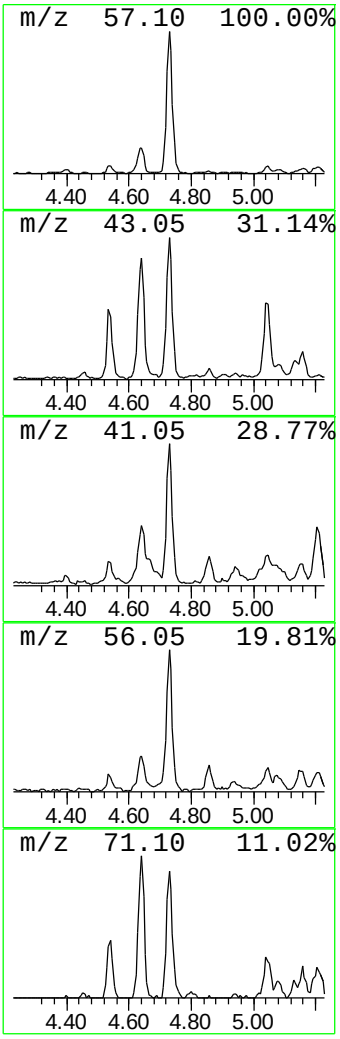
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.95 ng/ul	486781	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

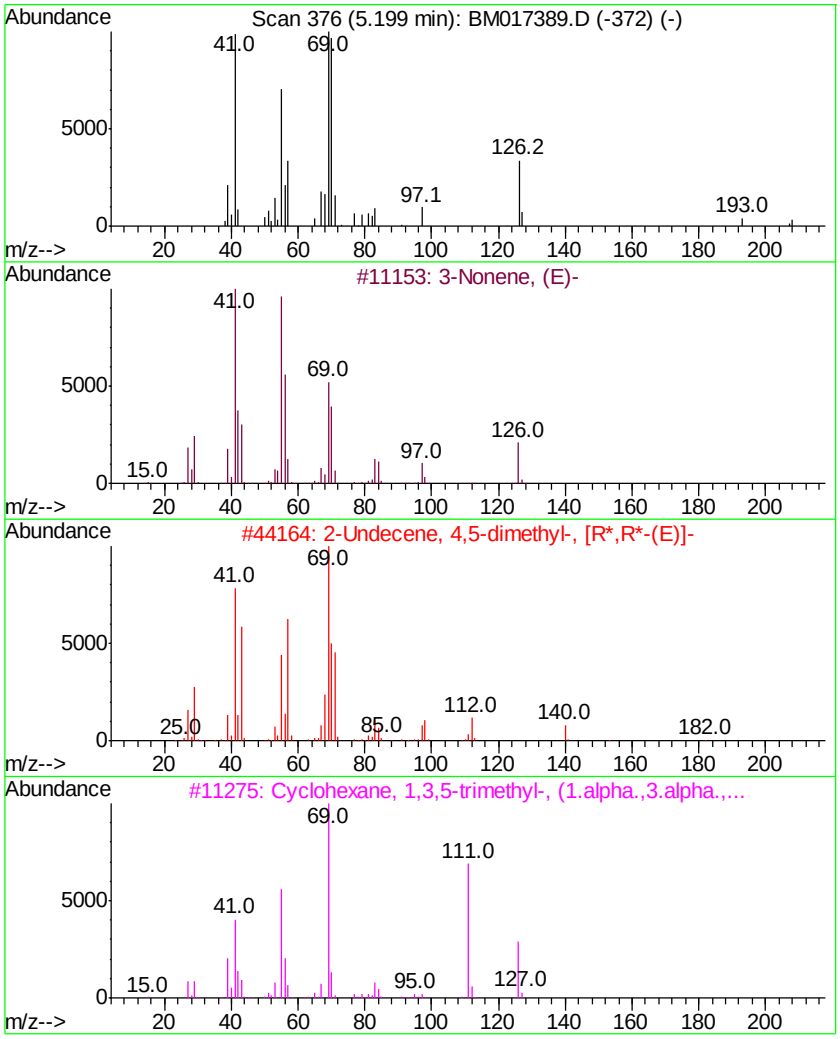
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

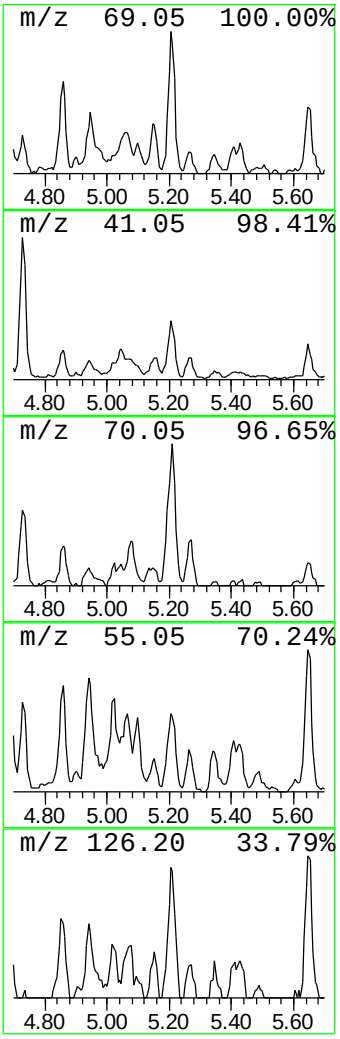
****

Peak Number 4 (DEL) Alkane: Cyclic5.20 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.17 ng/ul	177600	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, (E)-	126	C9H18	020063-92-7	53
2	2-Undecene, 4,5-dimethyl-, [R*,R...	182	C13H26	055170-92-8	47
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	46
4	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	43
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

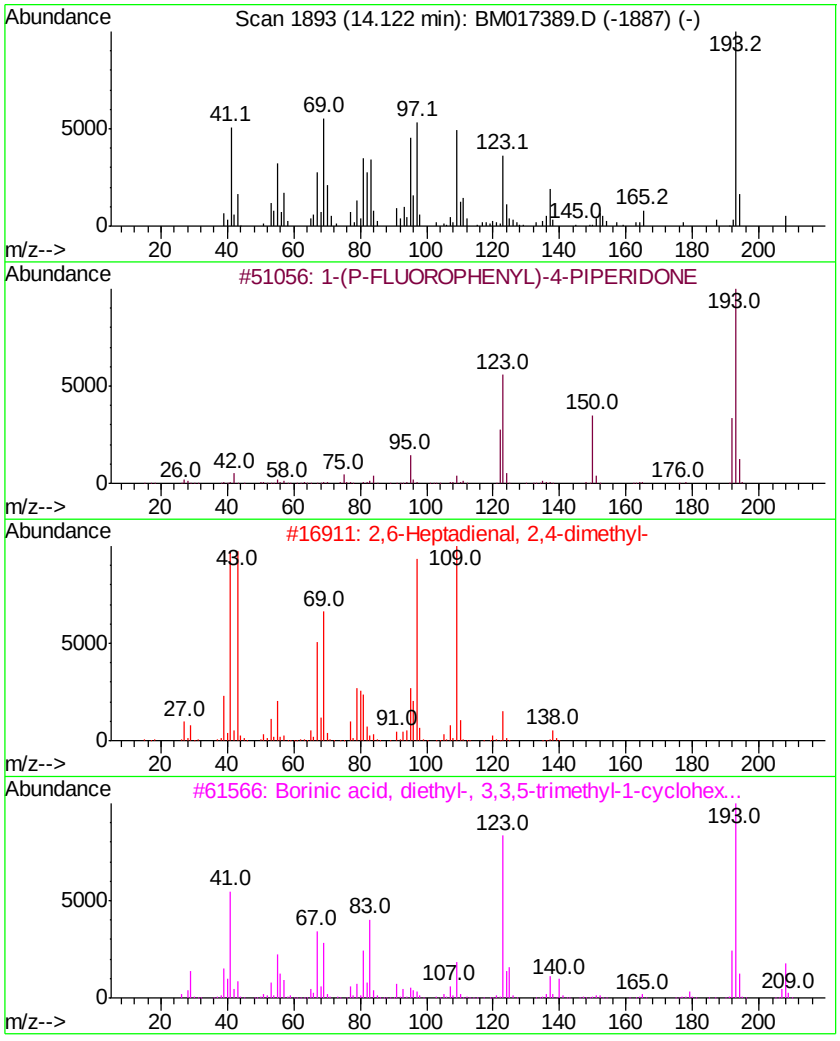
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

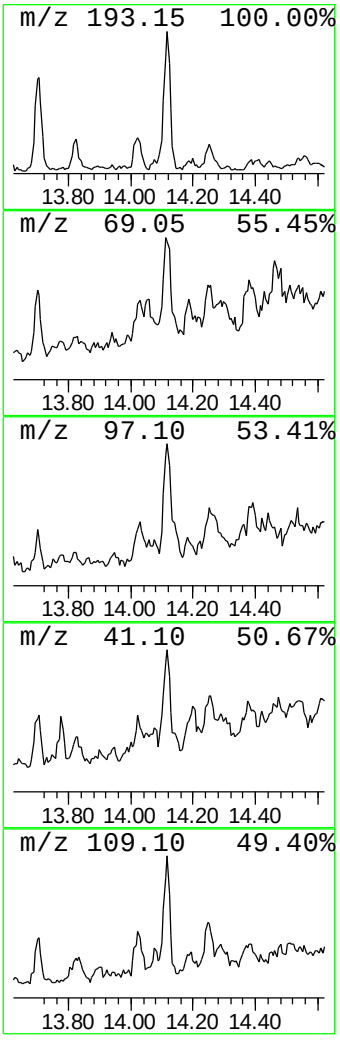
****

Peak Number 5 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.02 ng/ul	340400	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	35
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	27
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25





Library Search Compound Report

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Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

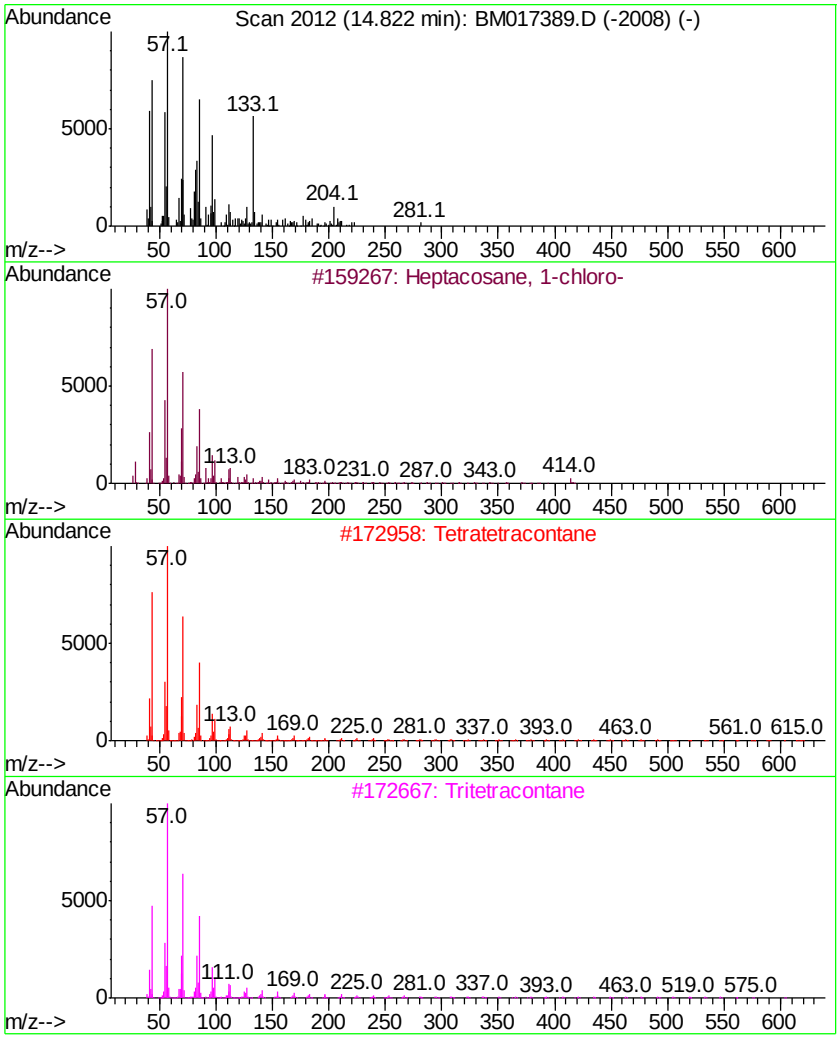
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

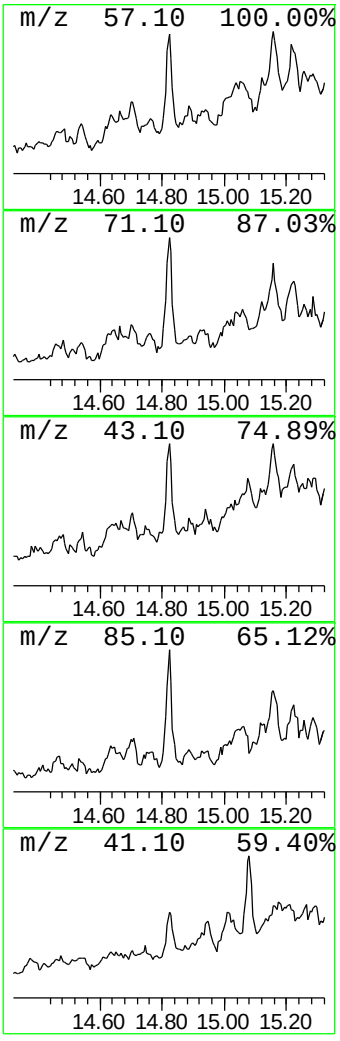
****

Peak Number 6 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.11 ng/ul	355434	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
2	Tetratetracontane	619	C44H90	007098-22-8	49
3	Tritetracontane	605	C43H88	007098-21-7	47
4	10-Methylnonadecane	282	C20H42	056862-62-5	46
5	Nonadecane	268	C19H40	000629-92-5	46





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Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

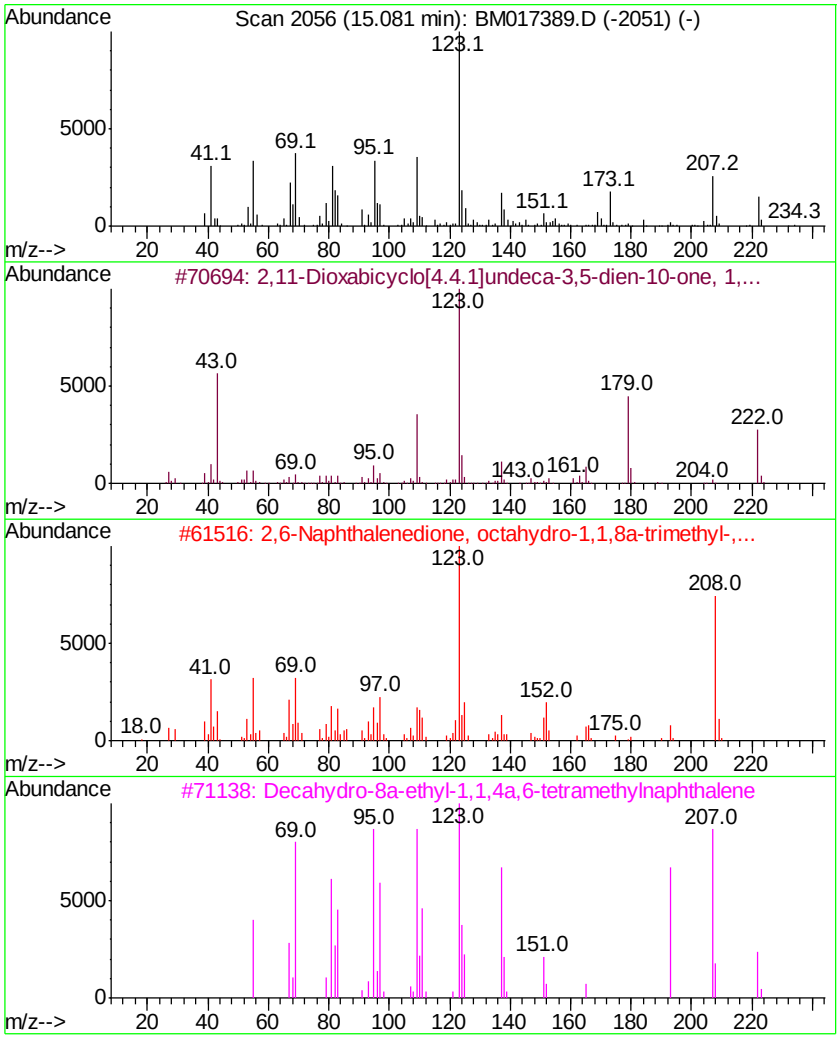
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

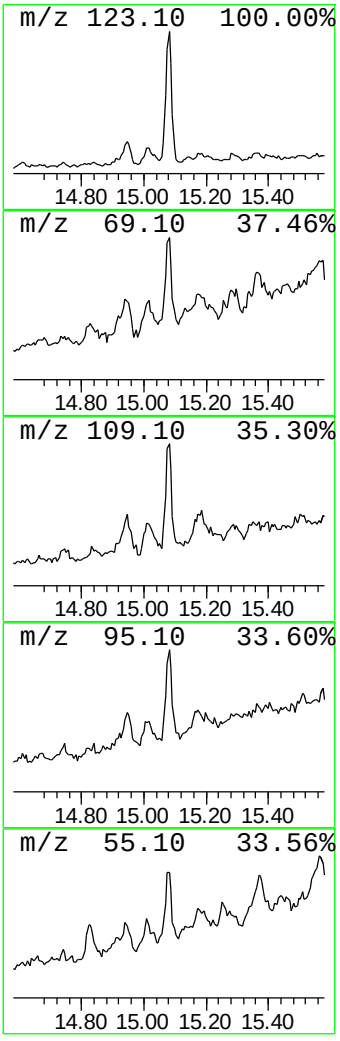
****

Peak Number 7 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.02 ng/ul	679108	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	50
2	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	47
3	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	46
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43





Library Search Compound Report

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ALS Vial : 71 Sample Multiplier: 1

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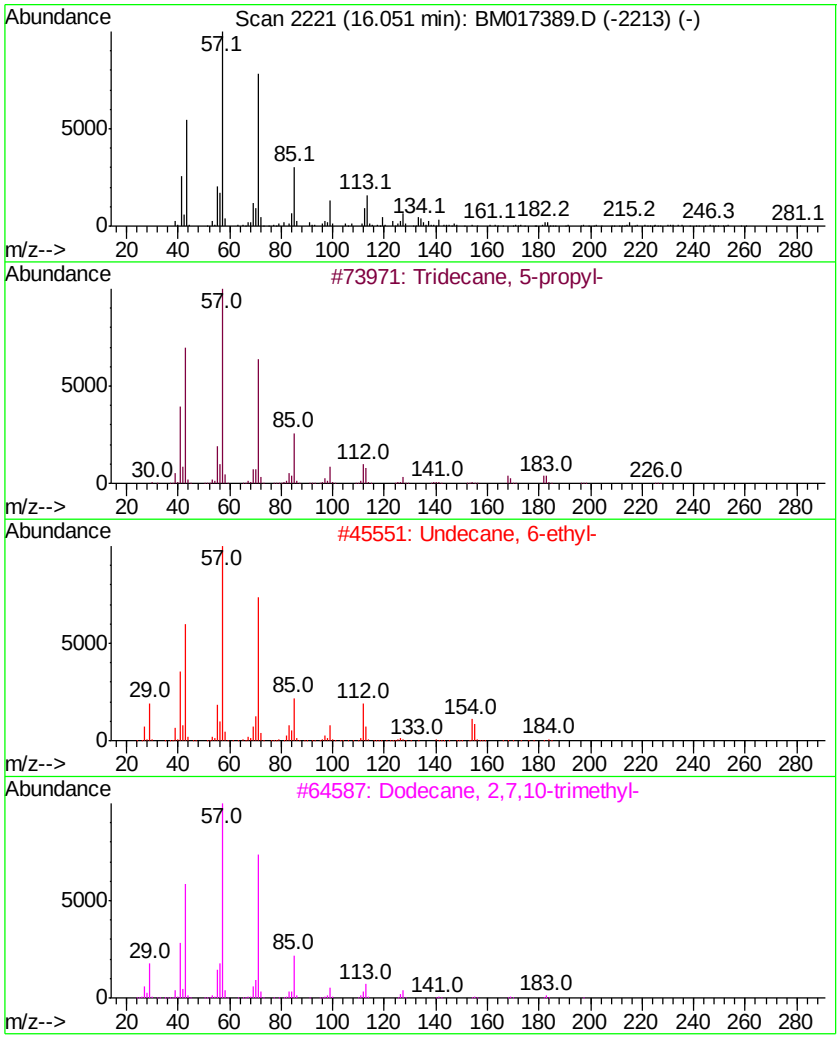
Quant Title : SVOA CALIBRATION

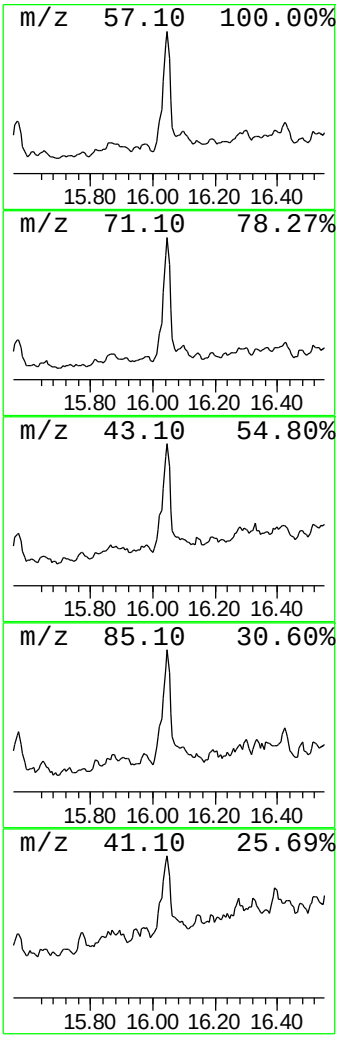
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	9.35 ng/ul	2222500	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76





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Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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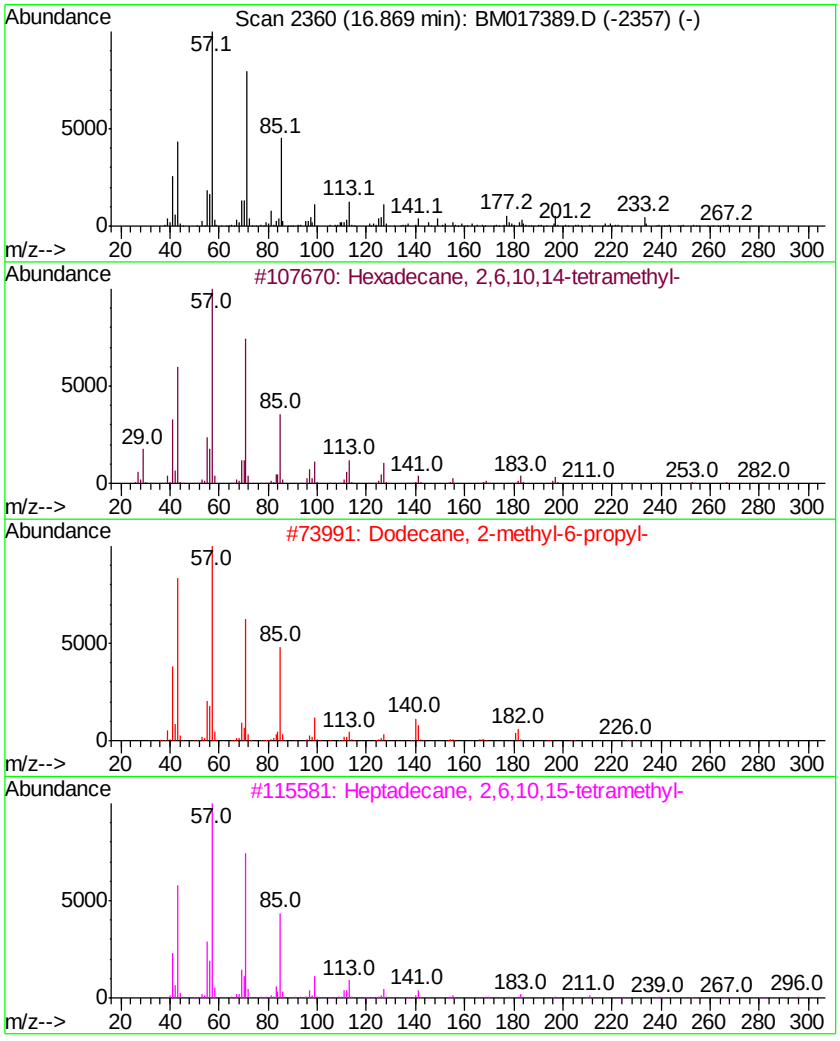
Quant Title : SVOA CALIBRATION

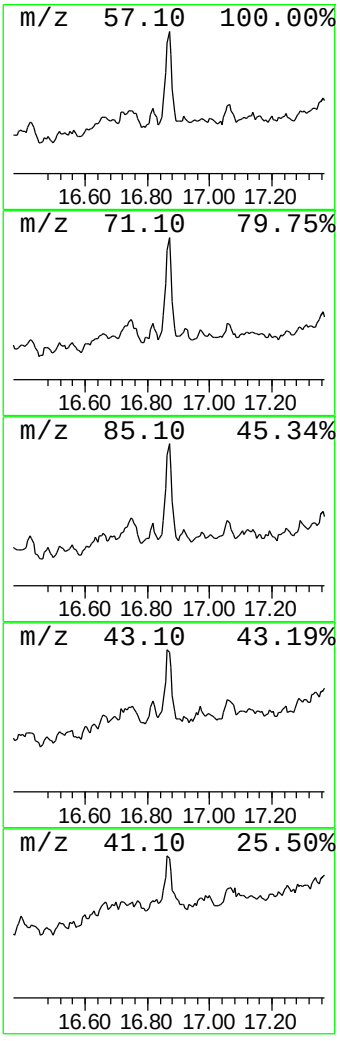
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	5.01 ng/ul	1191710	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Hexadecane	226	C16H34	000544-76-3	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	74





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Sample : J5674-11
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ALS Vial : 71 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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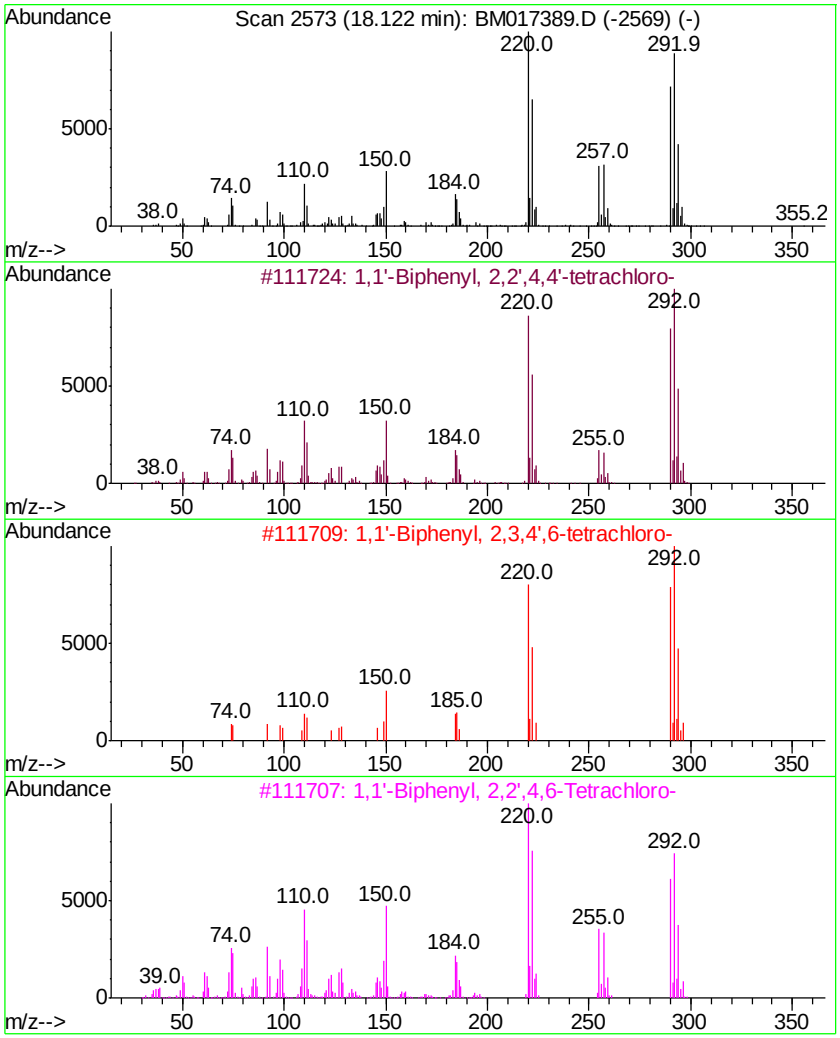
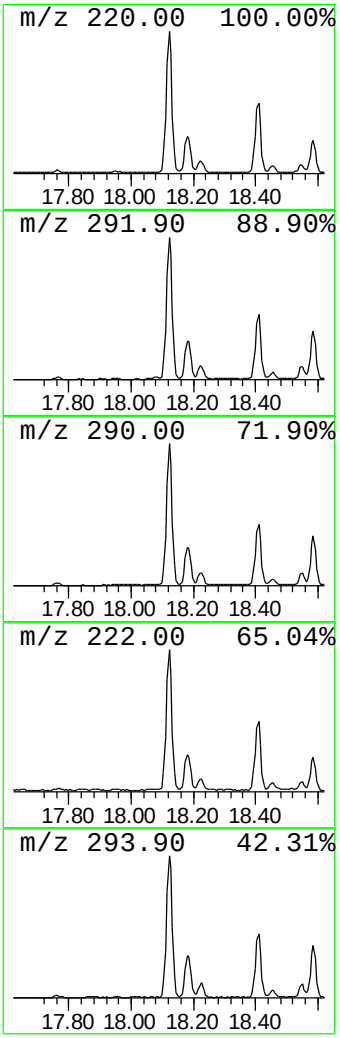
Peak Number 10 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	16.66 ng/ul	3961800	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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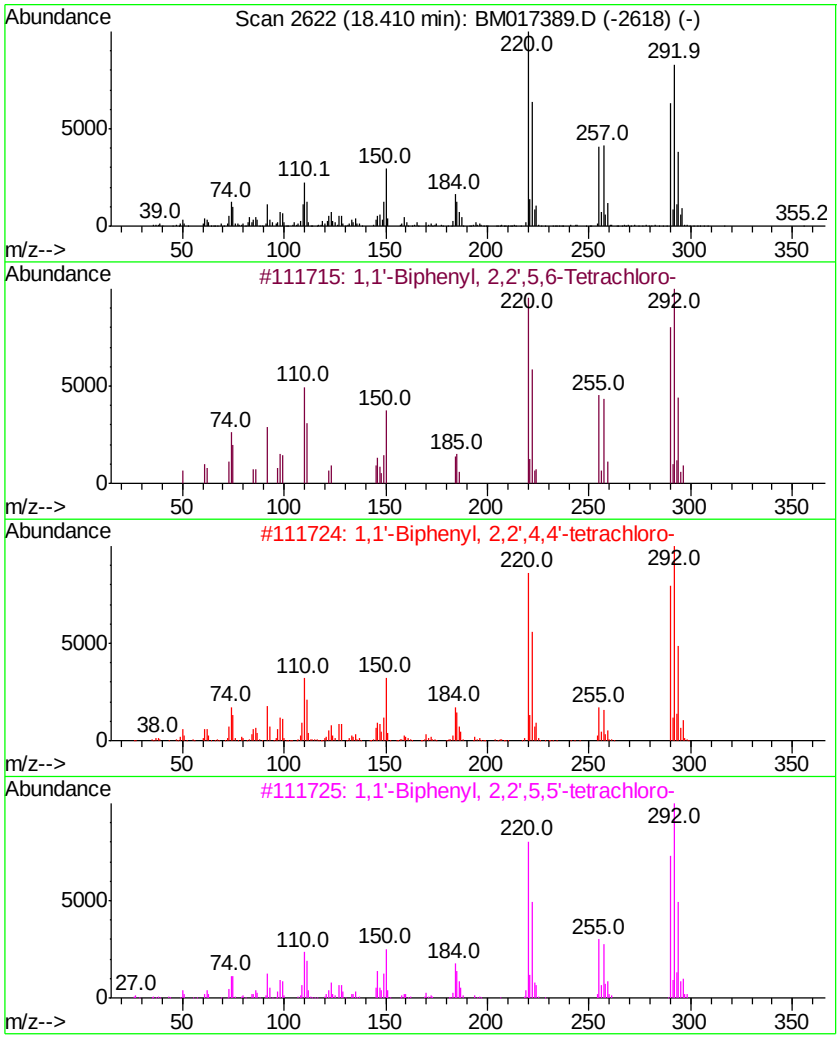
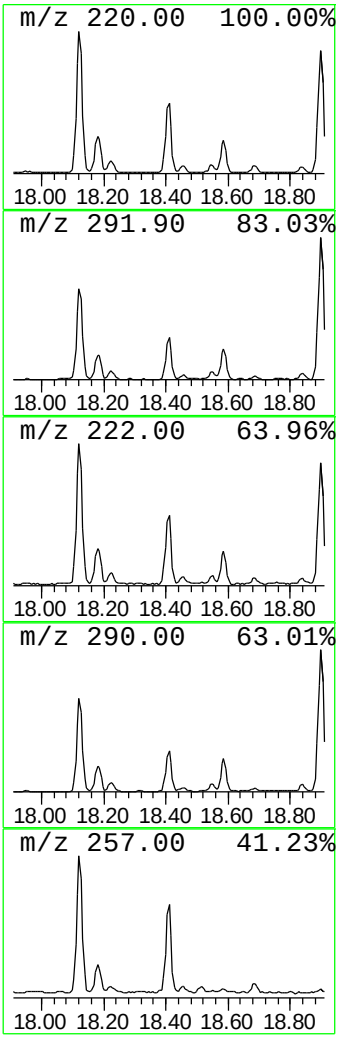
Peak Number 11 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	7.58 ng/ul	1801750	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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ALS Vial : 71 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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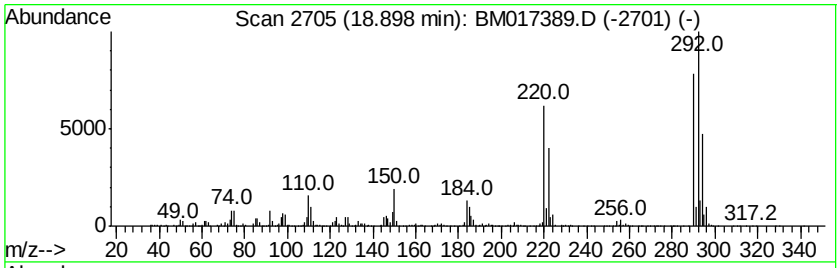
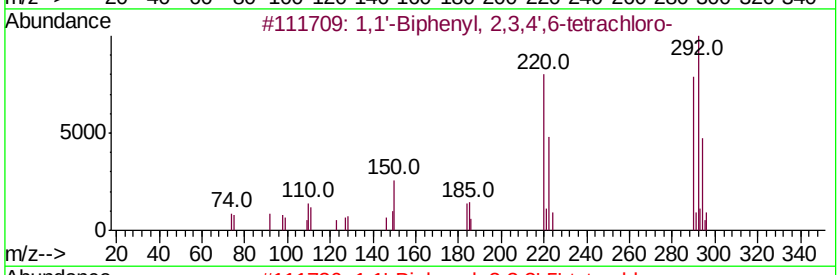
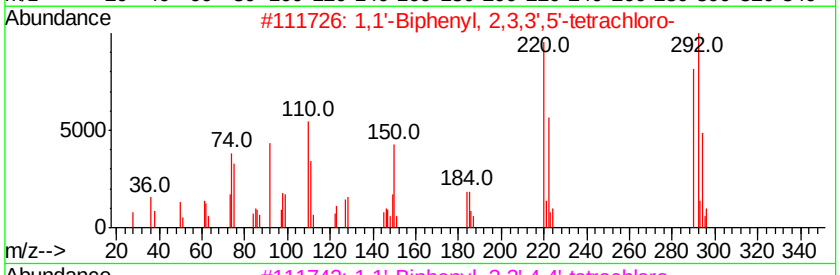
Peak Number 12 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 20

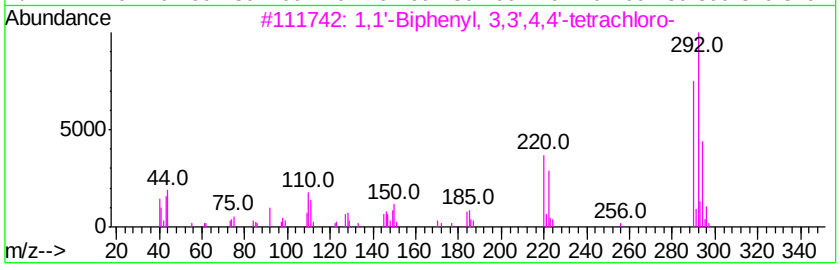
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	16.92 ng/ul	4022250	Phenanthrene-d10	17.05

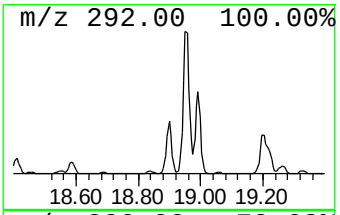
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99

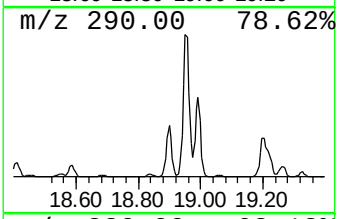


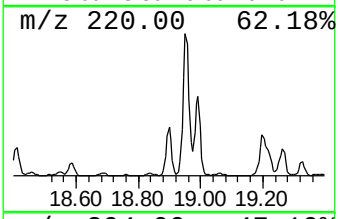


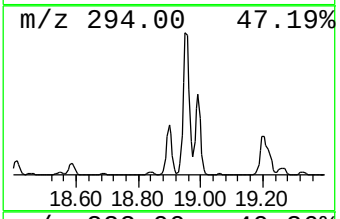


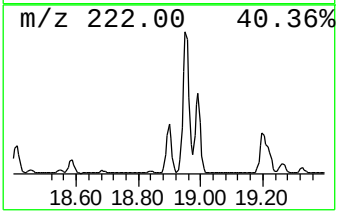












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Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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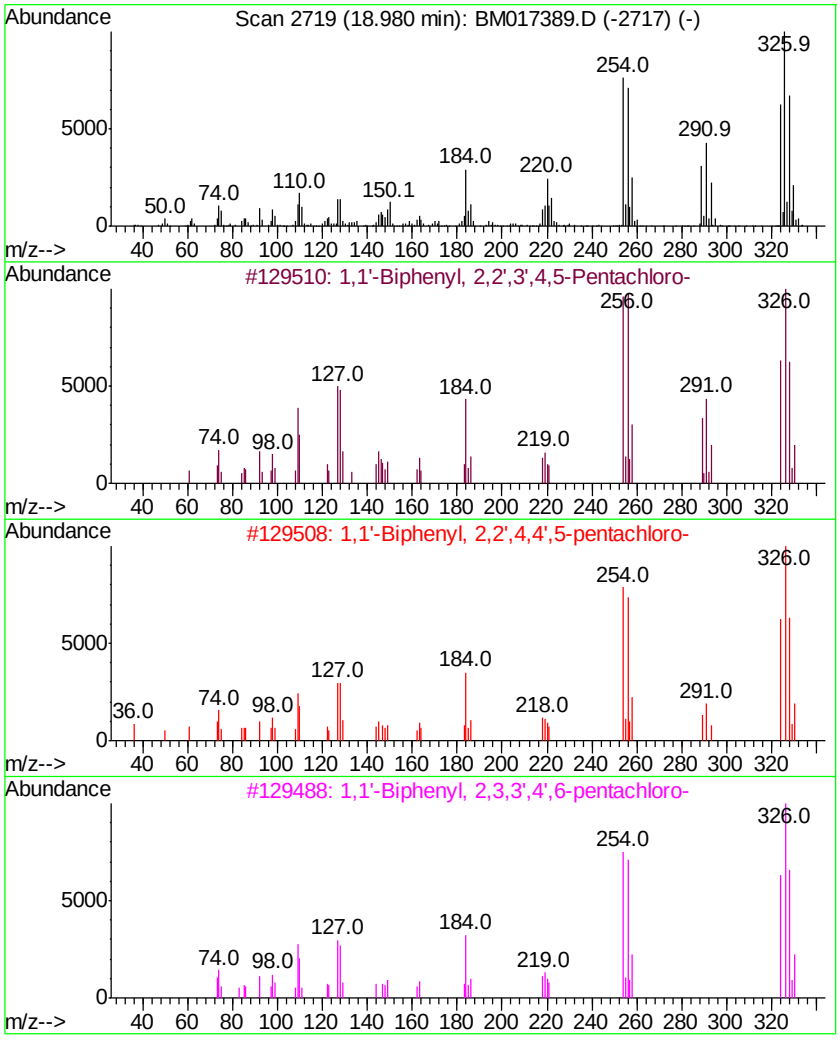
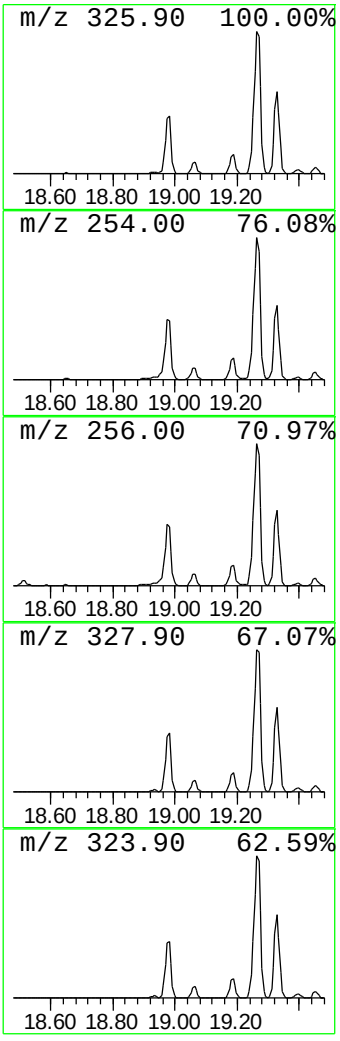
Peak Number 14 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	54.20 ng/ul	12886100	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

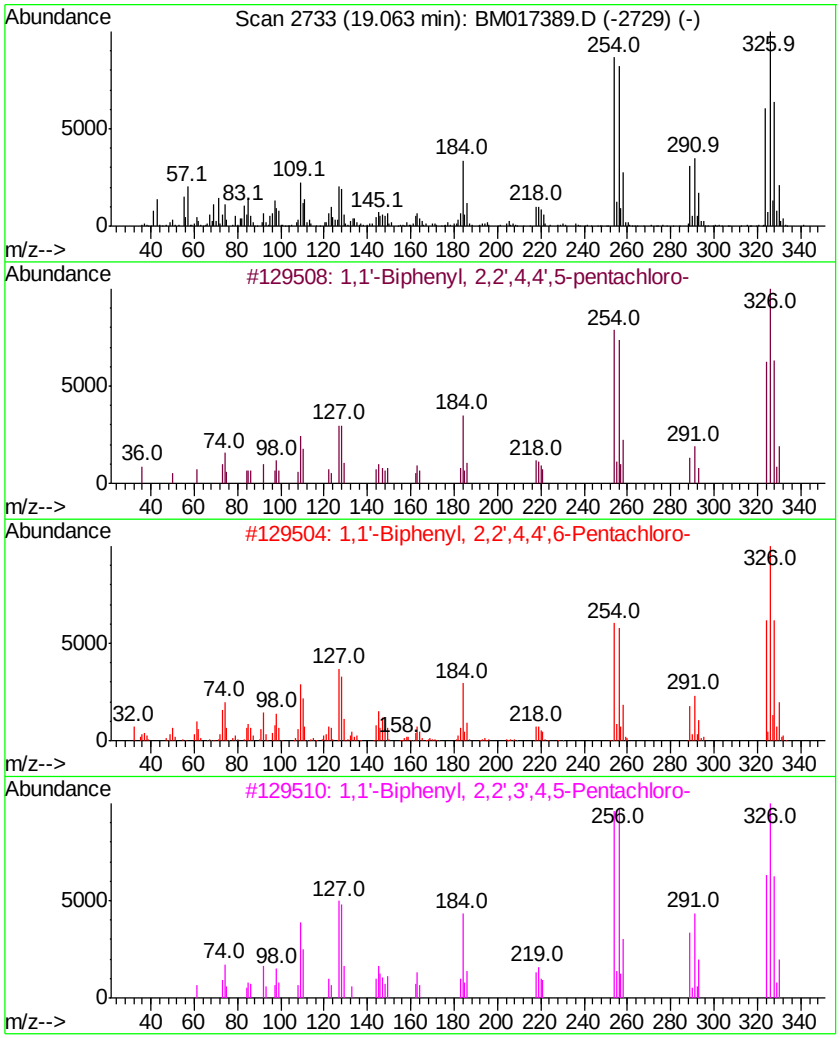
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

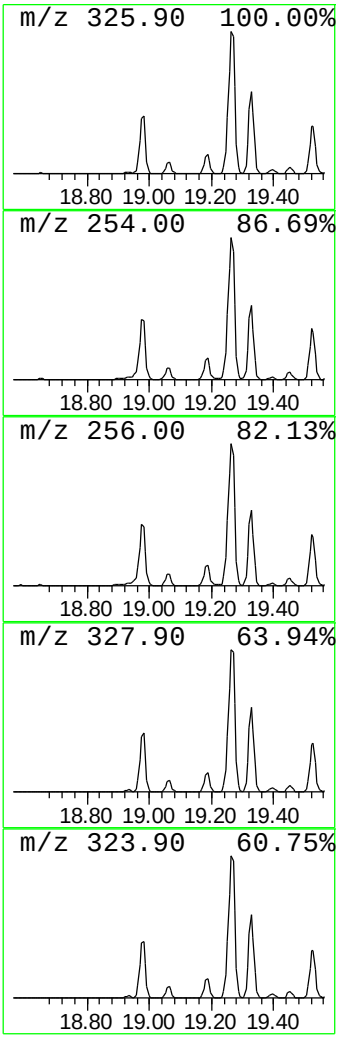
****

Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	8.81 ng/ul	2094570	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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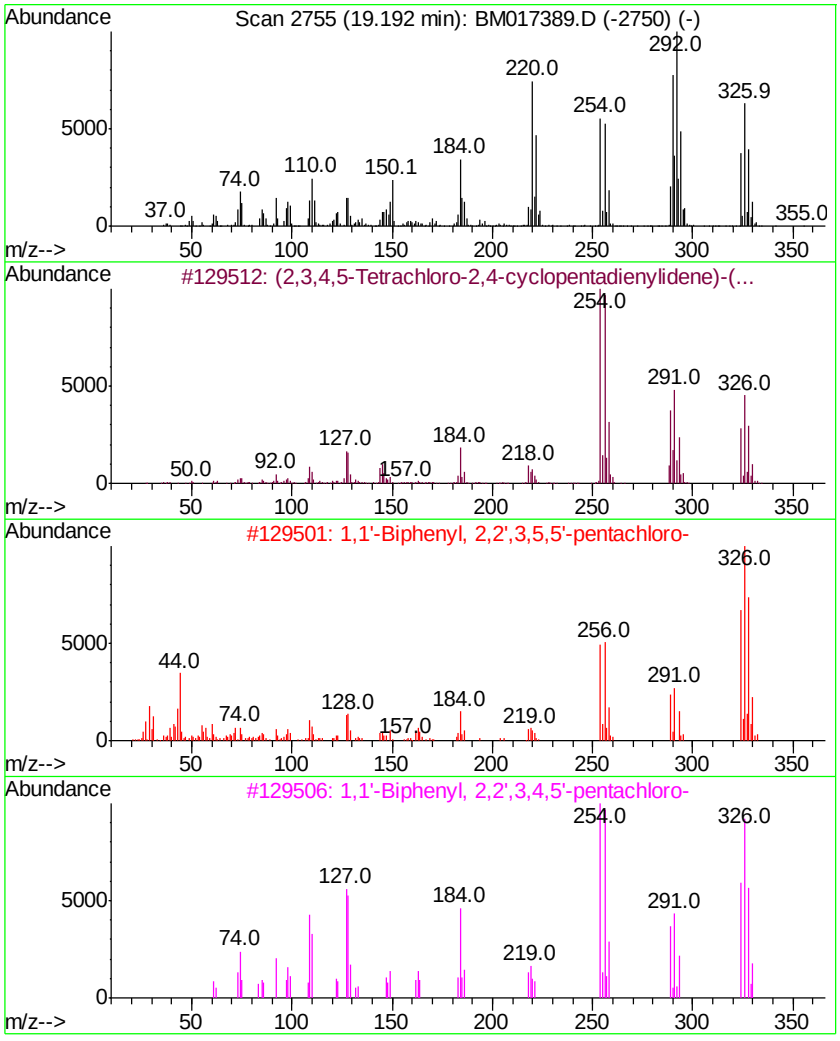
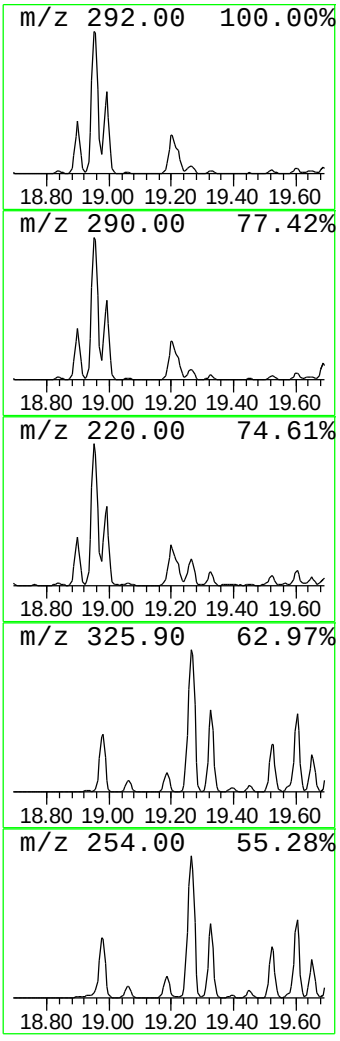
Peak Number 16 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	28.84 ng/ul	7502710	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	98





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

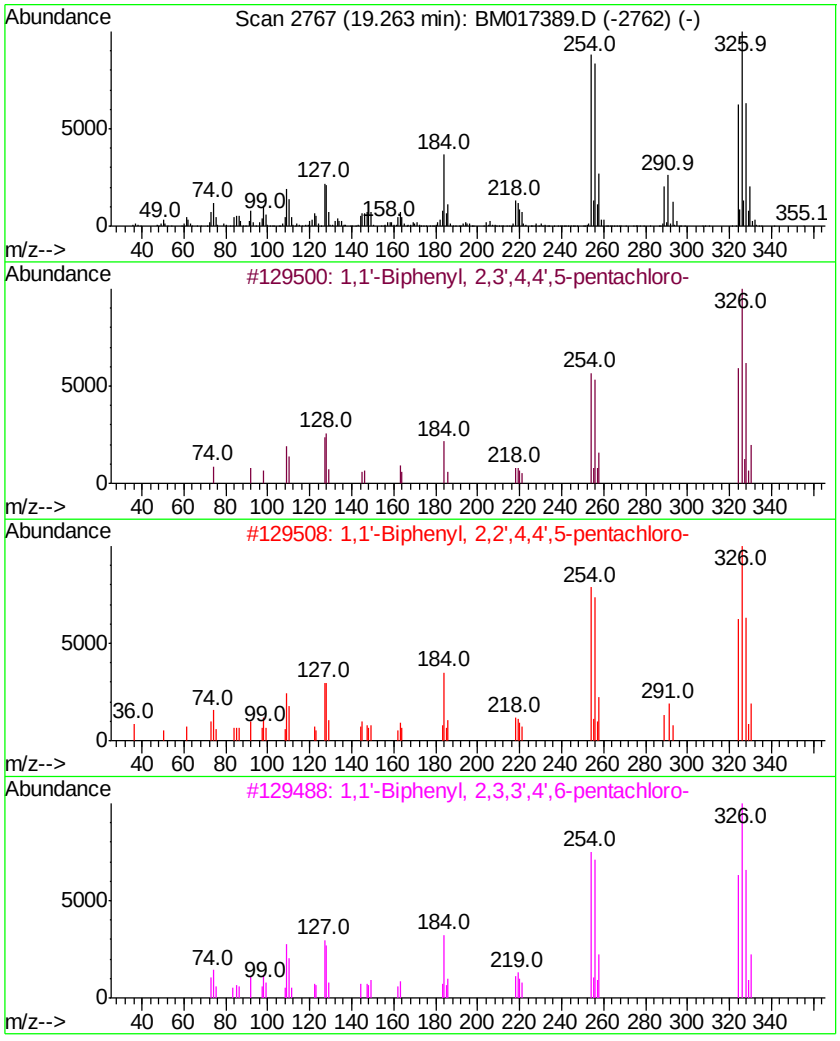
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

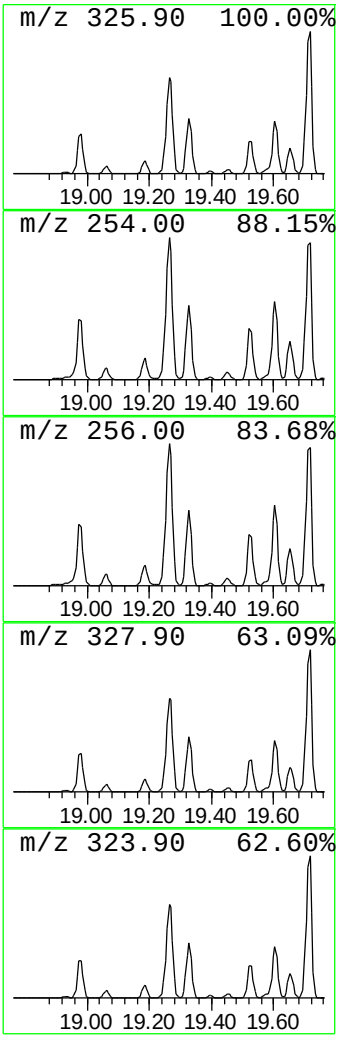
****

Peak Number 17 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	93.94 ng/ul	24443900	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96





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Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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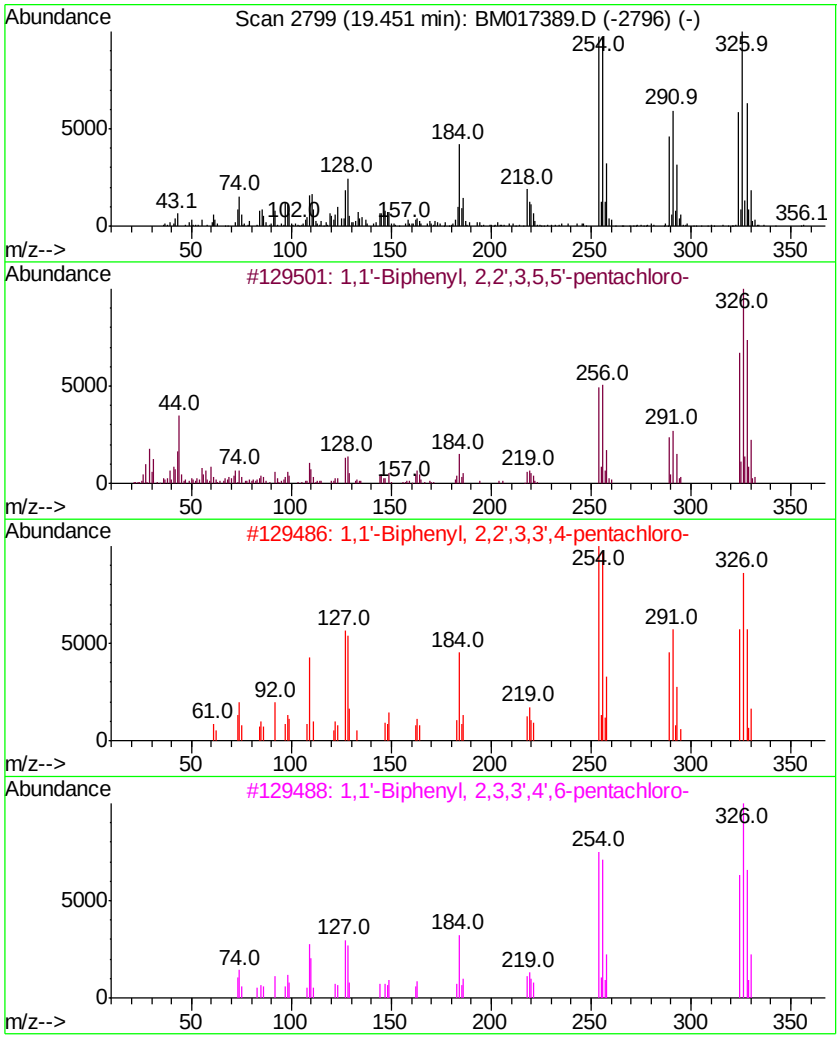
Quant Title : SVOA CALIBRATION

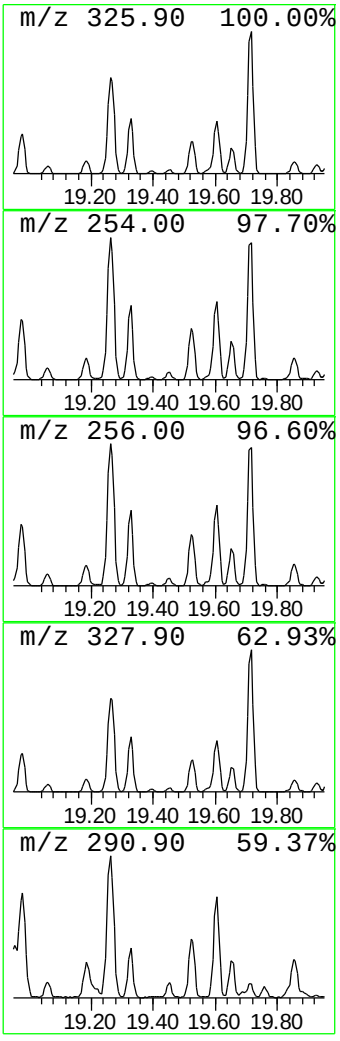
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	4.46 ng/ul	1161730	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97





Library Search Compound Report

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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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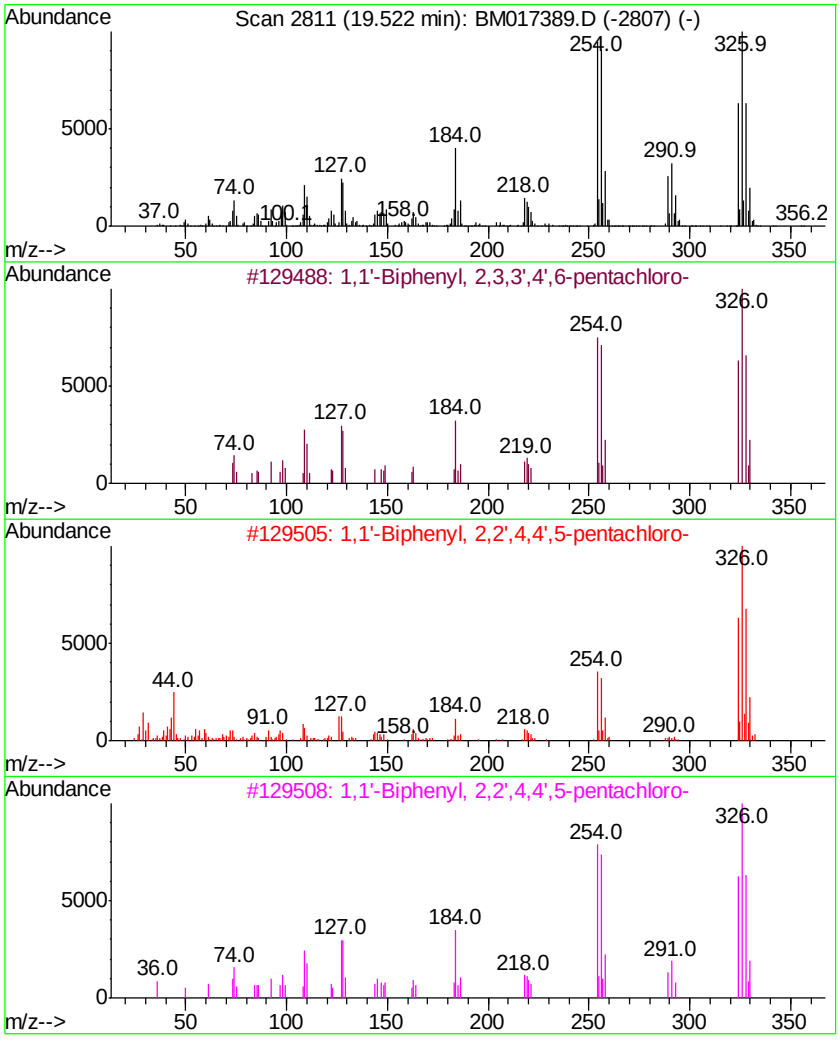
Quant Title : SVOA CALIBRATION

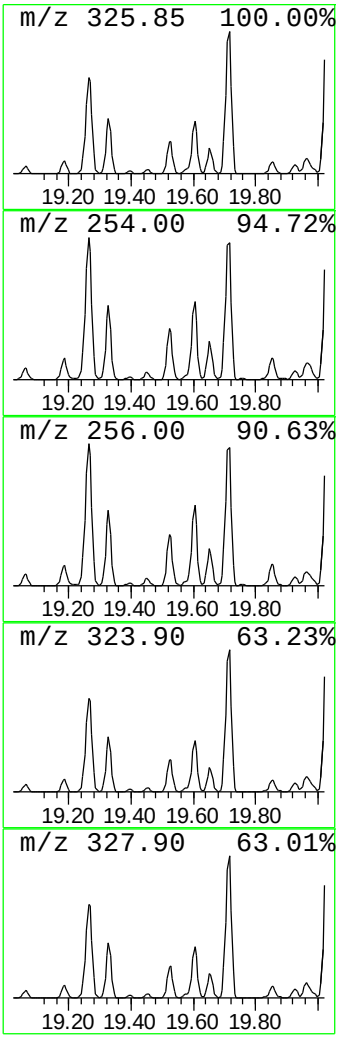
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	28.90 ng/ul	7518720	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

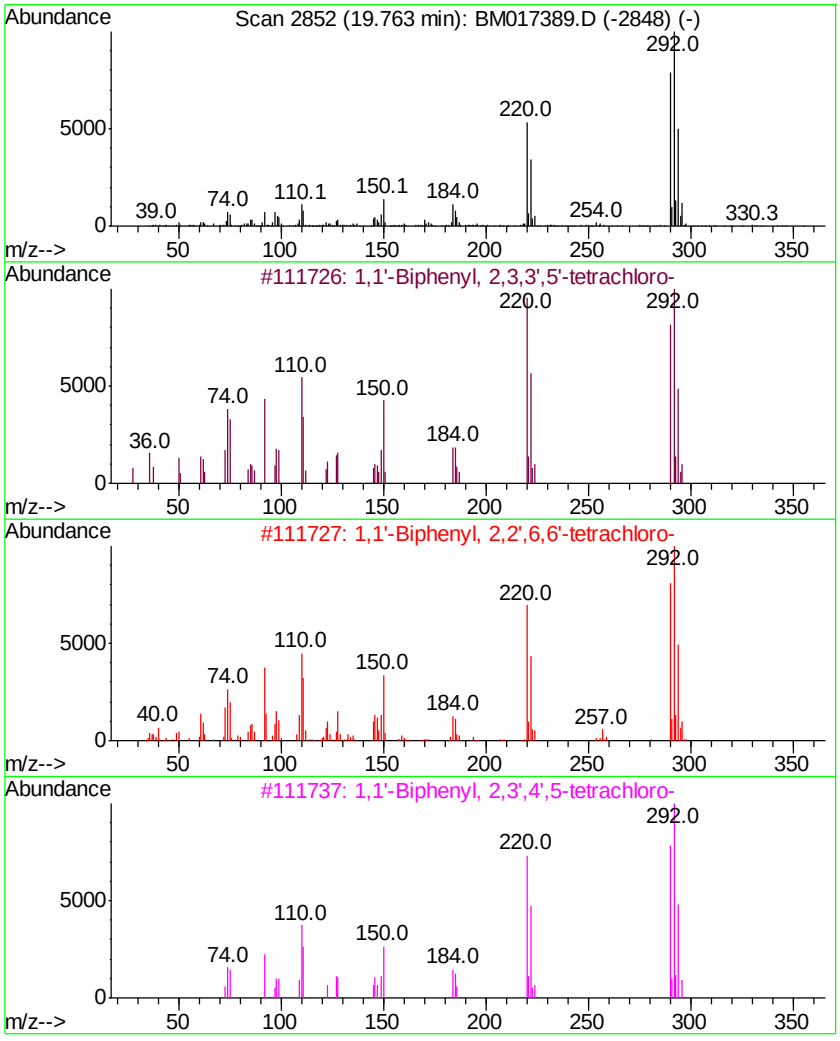
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

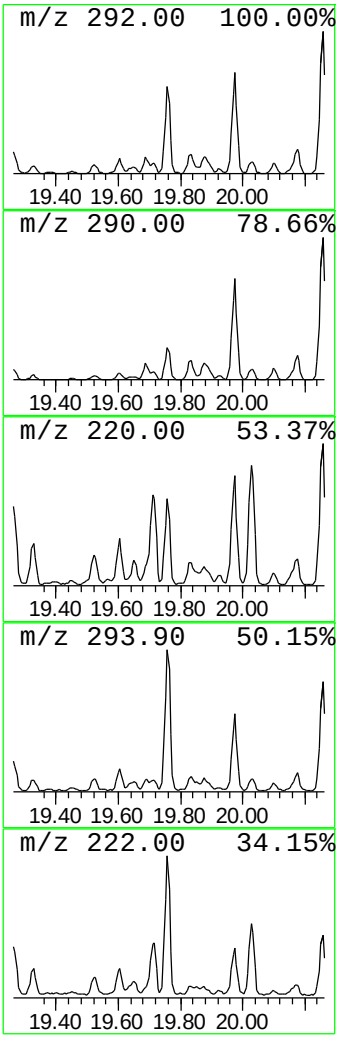
****

Peak Number 24 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	8.56 ng/ul	2226780	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96





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Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

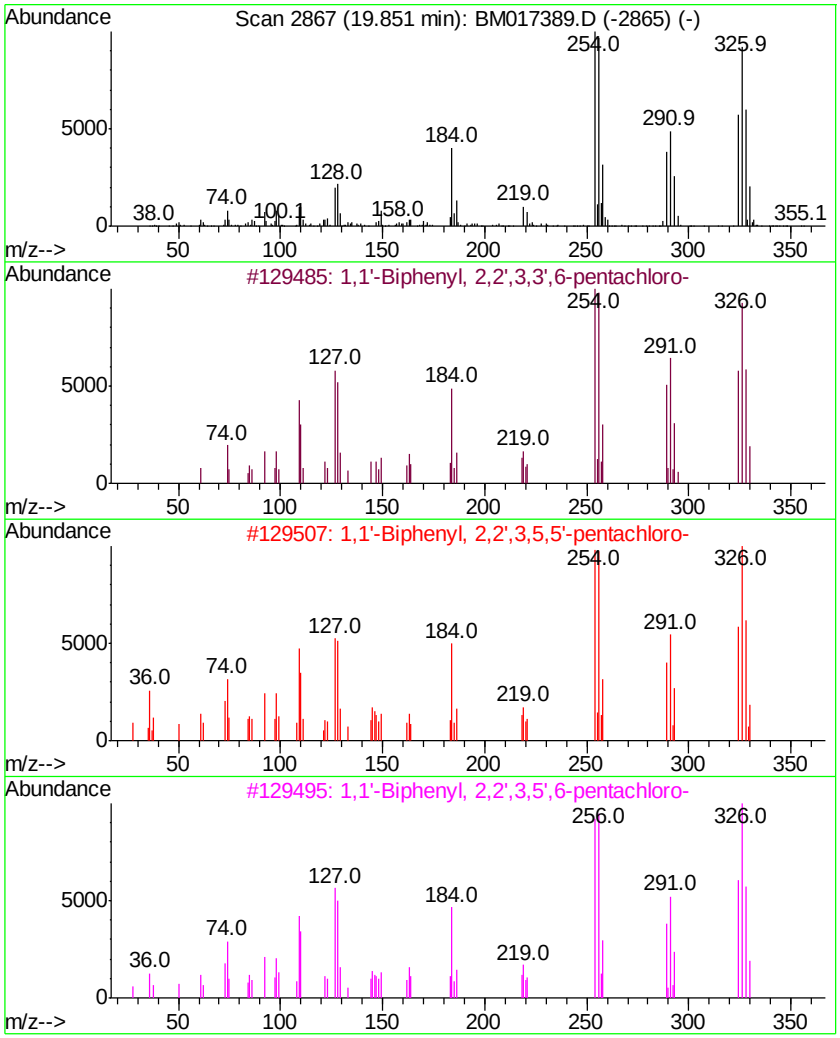
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

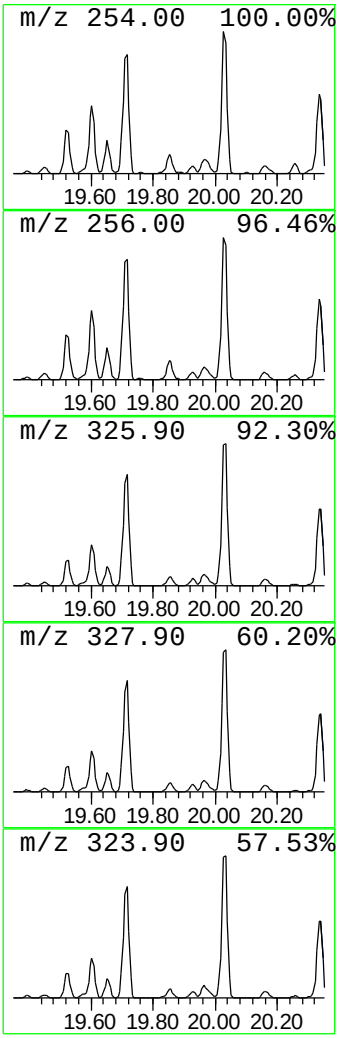
****

Peak Number 26 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	4.25 ng/ul	1105020	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	98
5	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	98





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Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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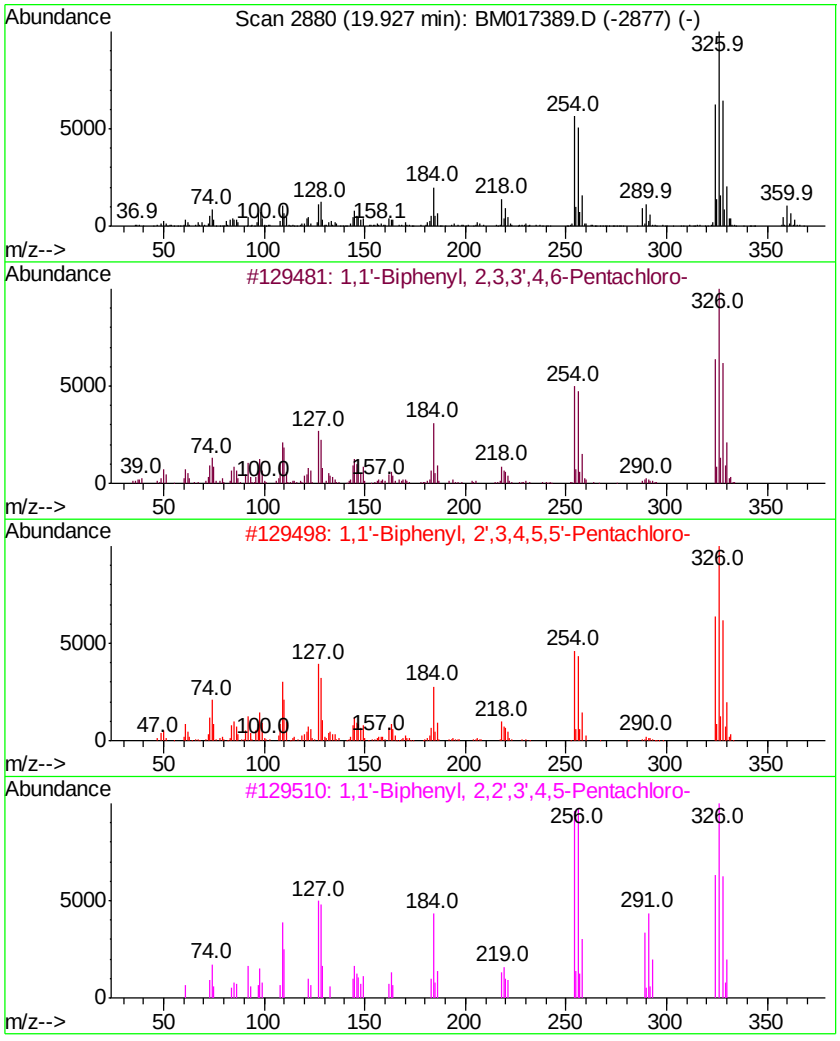
Quant Title : SVOA CALIBRATION

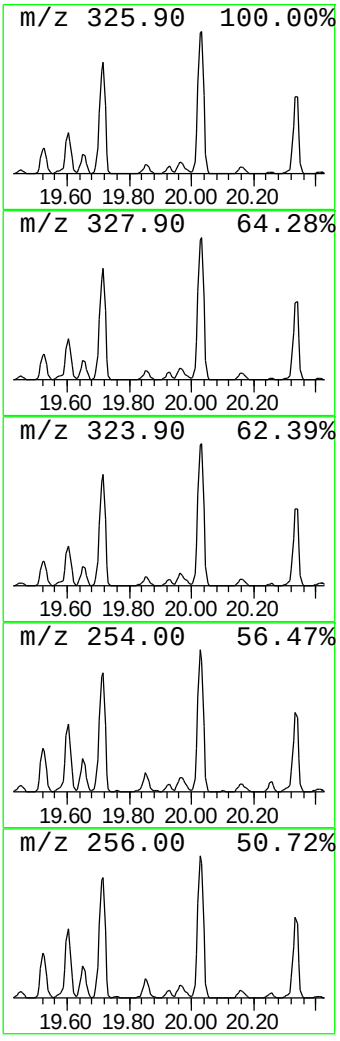
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.56 ng/ul	1186280	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	97
5	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96





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Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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Quant Title : SVOA CALIBRATION

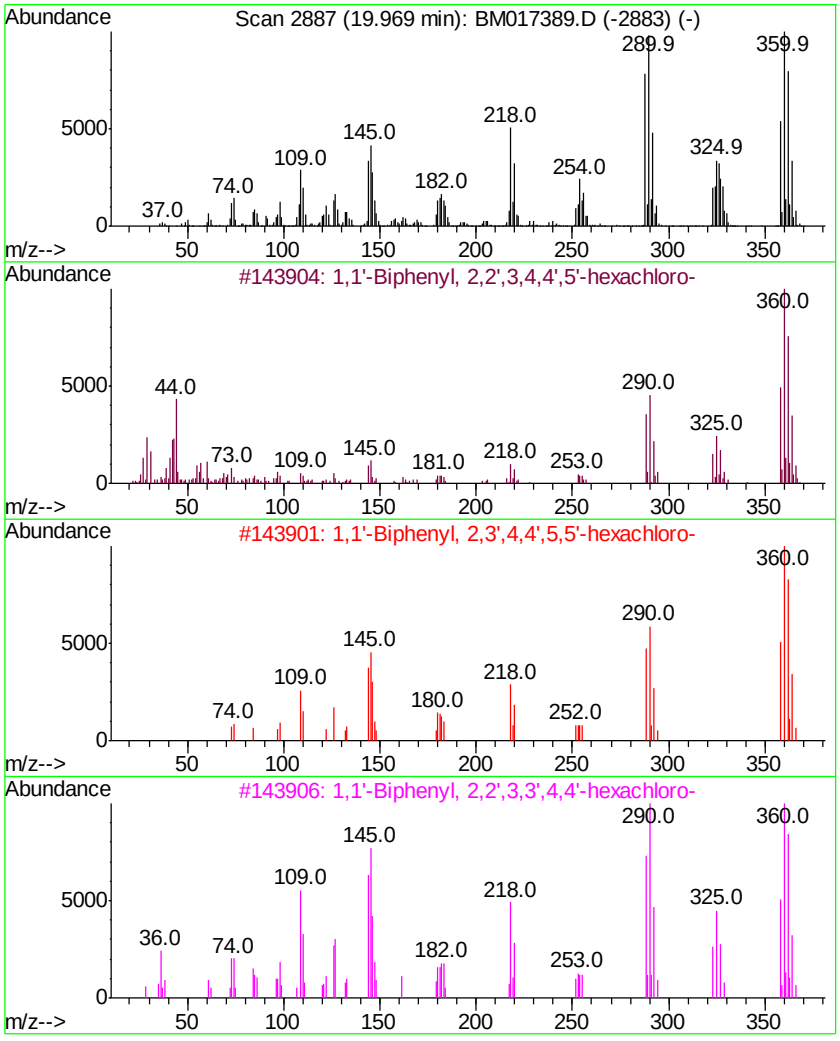
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

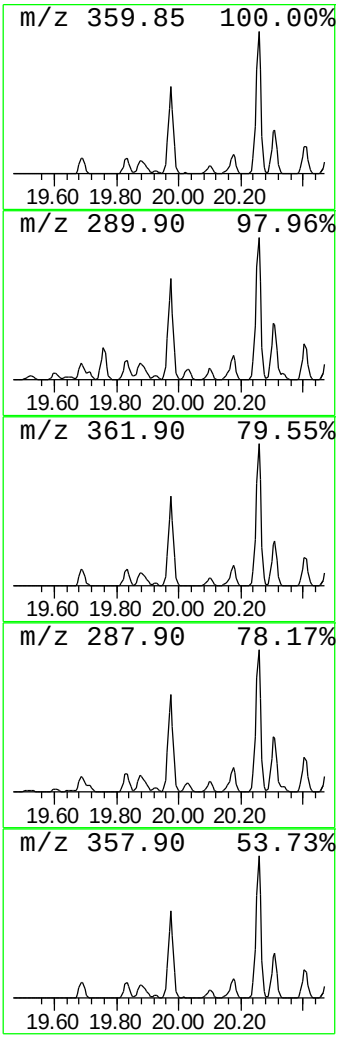
****

Peak Number 28 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	52.77 ng/ul	13731100	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

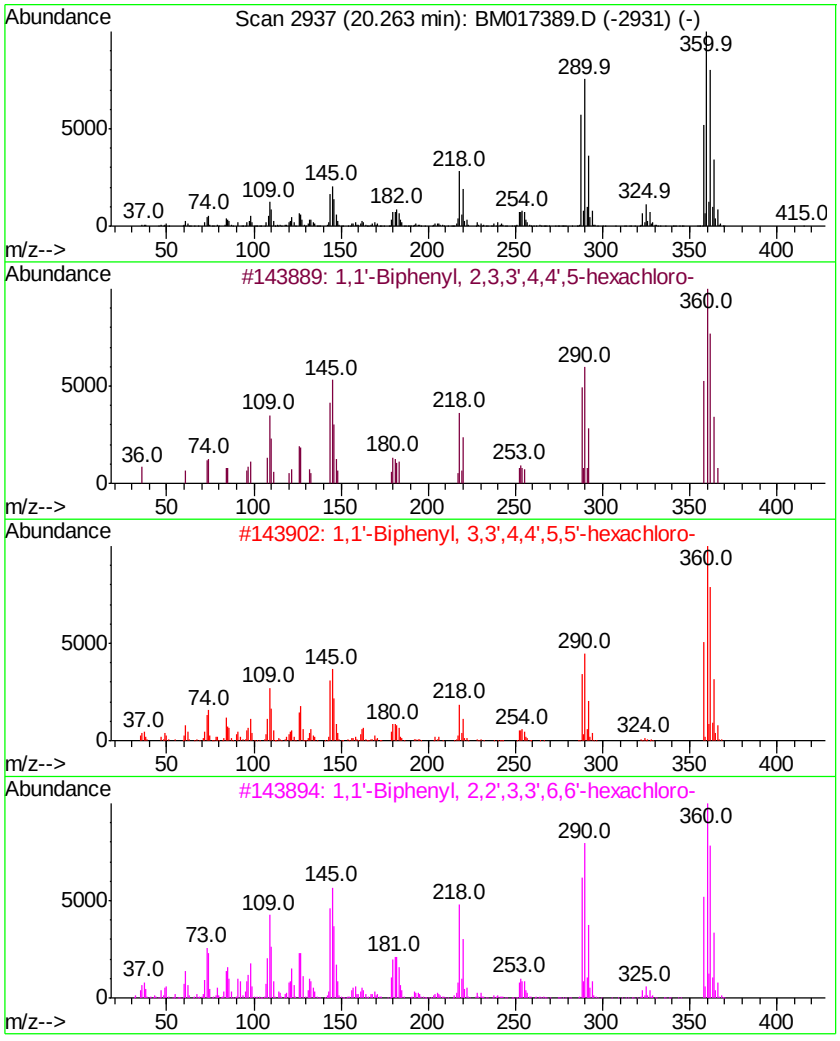
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

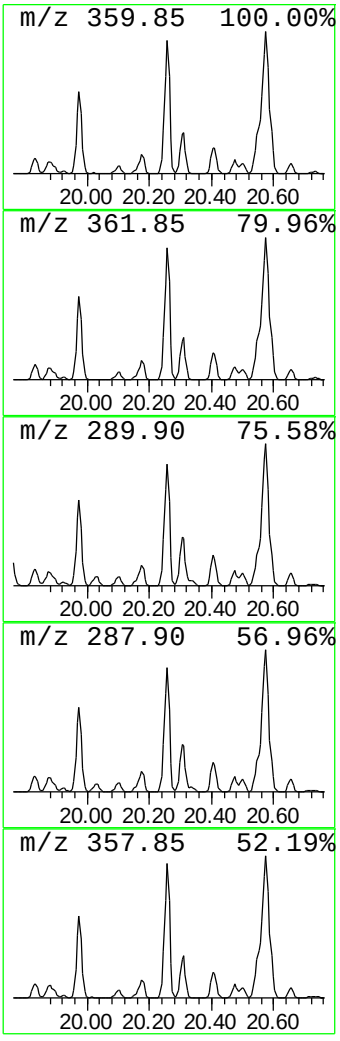
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	61.07 ng/ul	15890800	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97





Library Search Compound Report

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Sample : J5674-11
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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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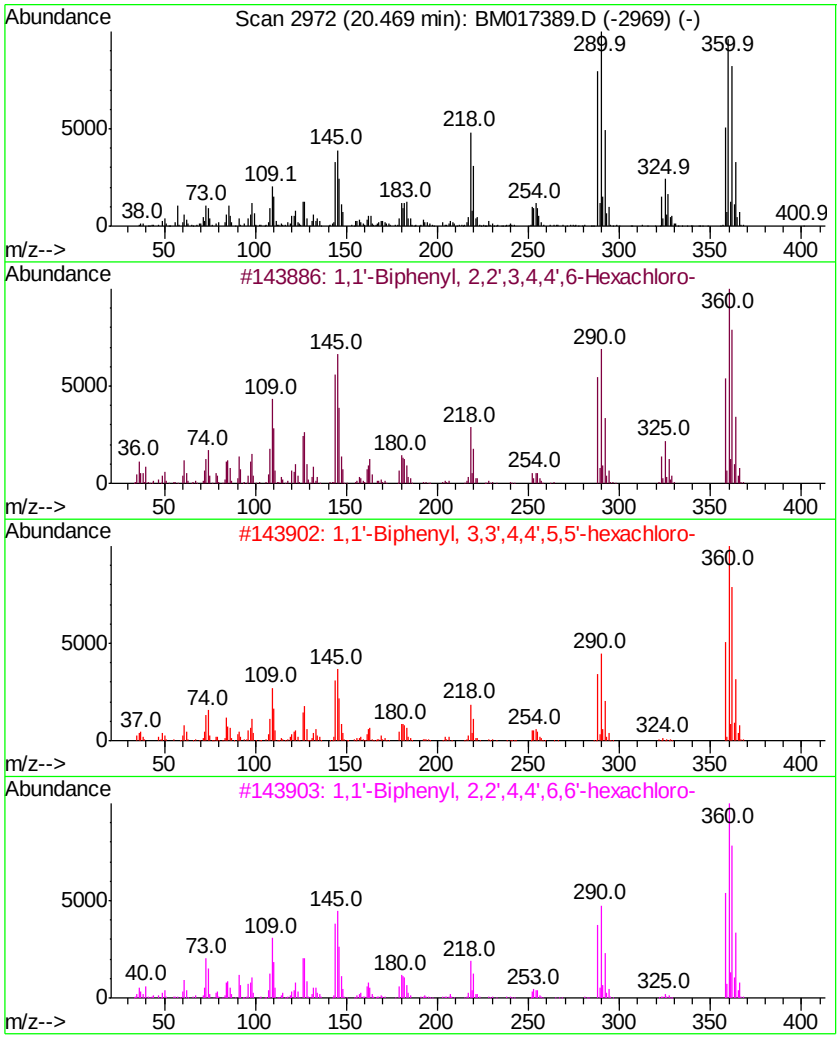
Quant Title : SVOA CALIBRATION

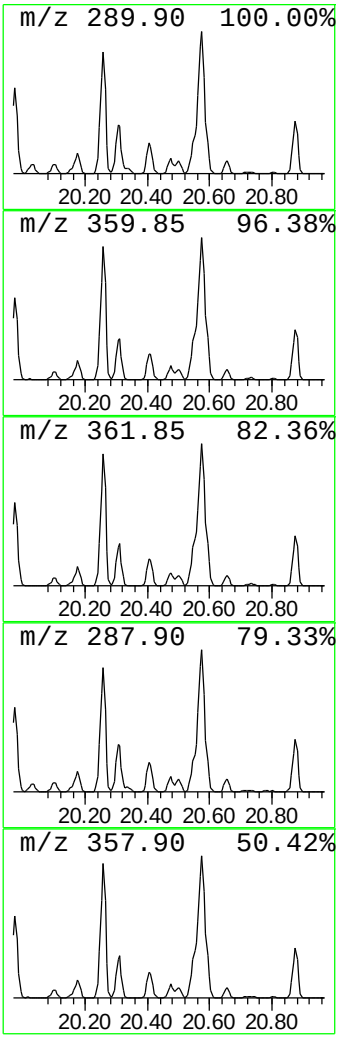
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	7.64 ng/ul	1989120	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Library Search Compound Report

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Sample : J5674-11
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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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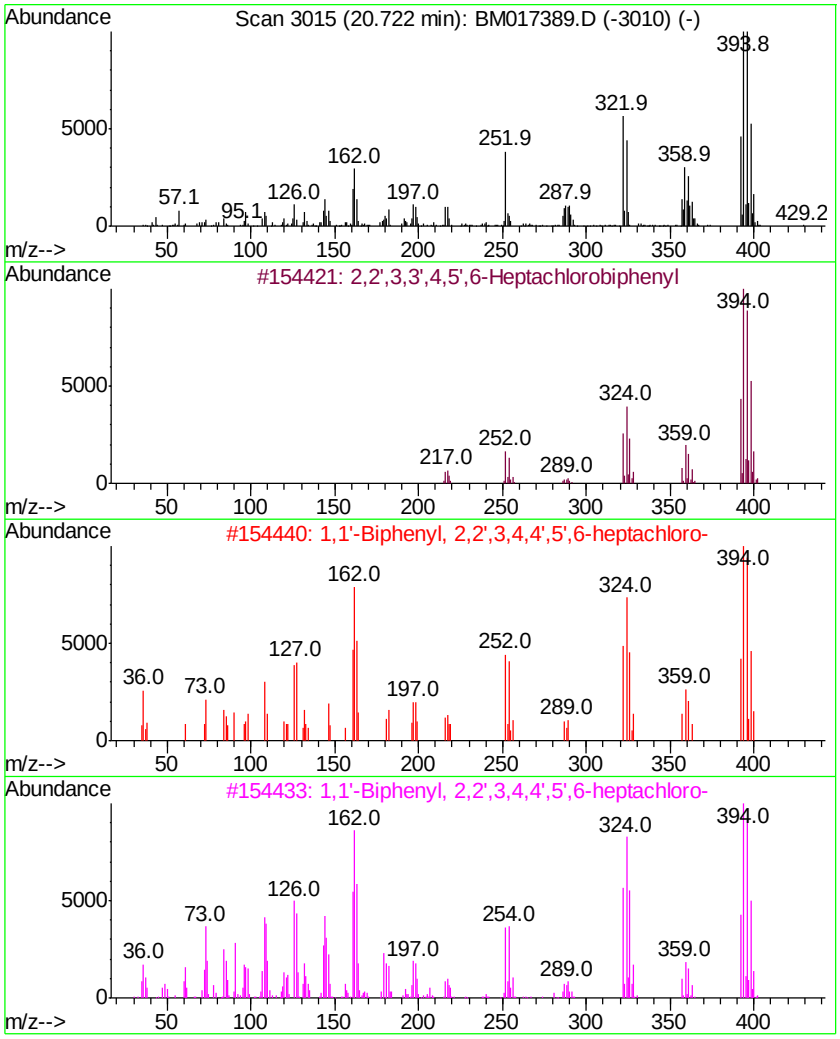
Quant Title : SVOA CALIBRATION

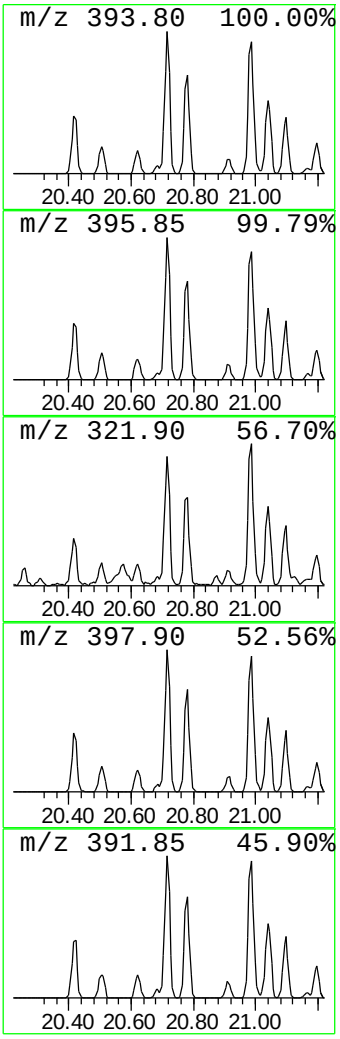
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	9.29 ng/ul	2417100	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	98
2	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	97
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	95
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	95
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	95





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

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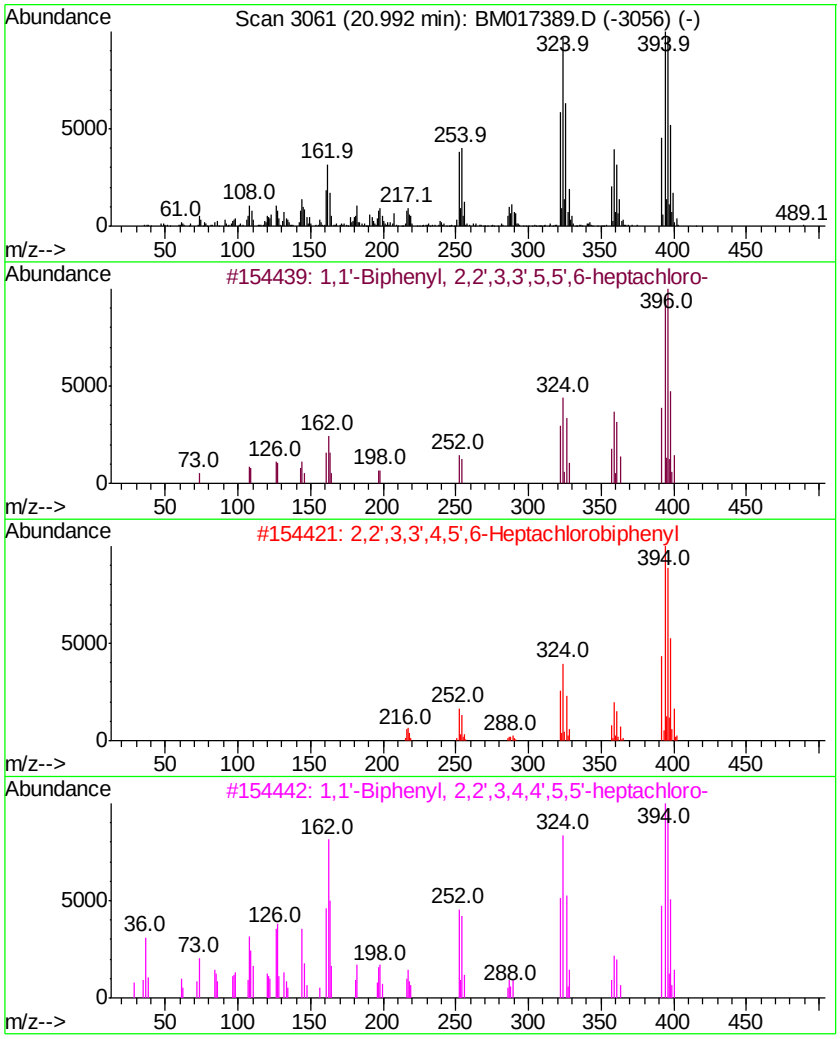
Quant Title : SVOA CALIBRATION

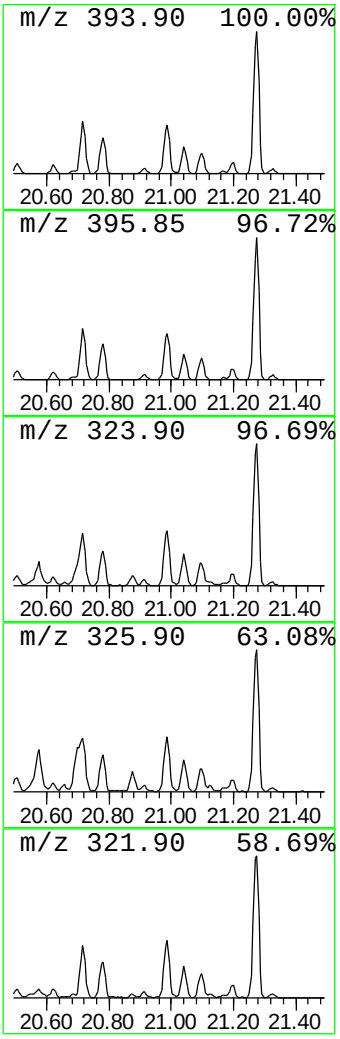
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	8.58 ng/ul	2232980	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

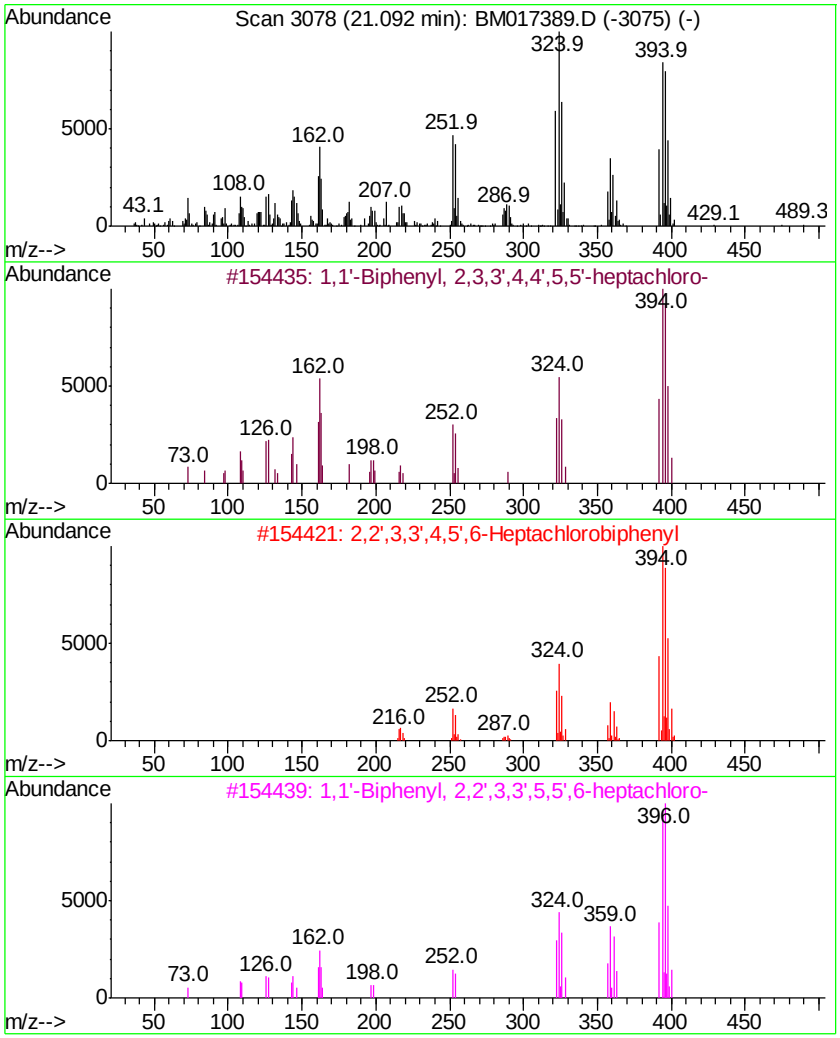
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

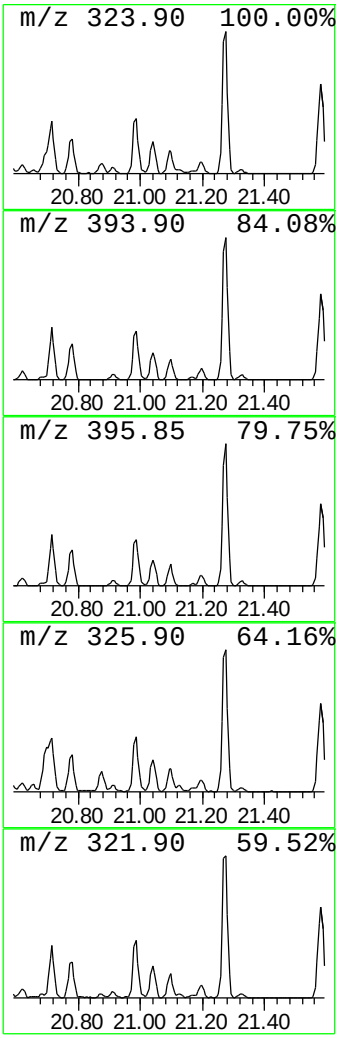
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.00 ng/ul	779610	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

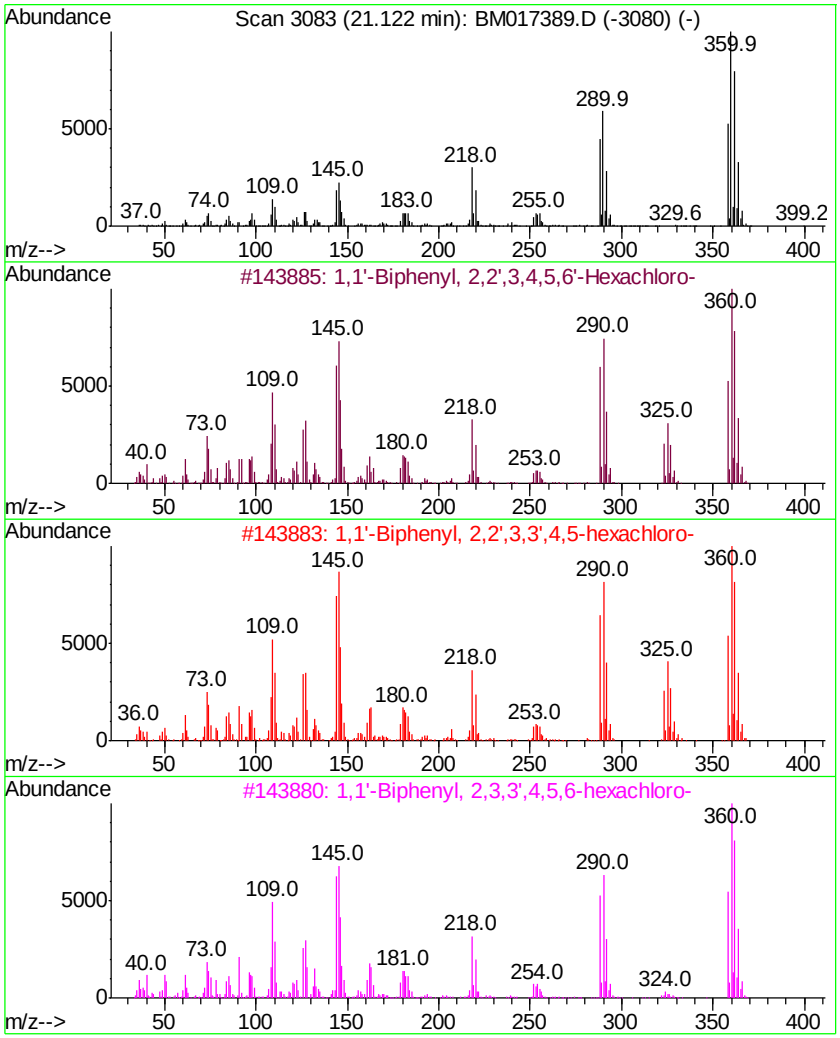
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

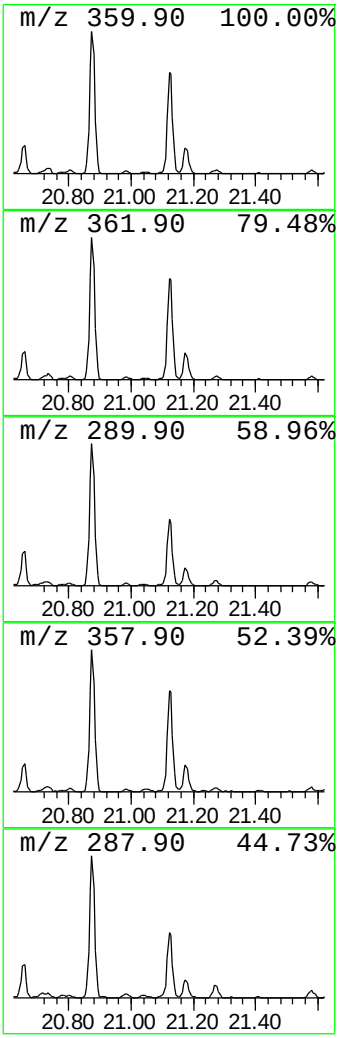
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	14.76 ng/ul	3841010	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

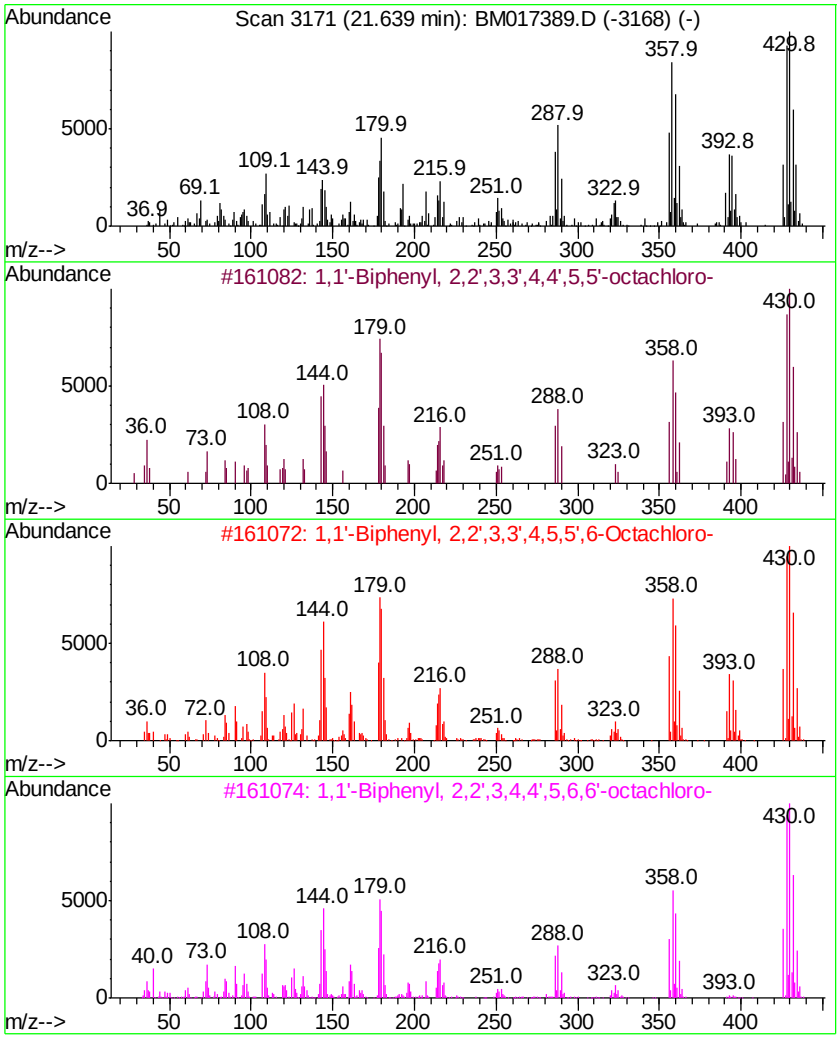
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

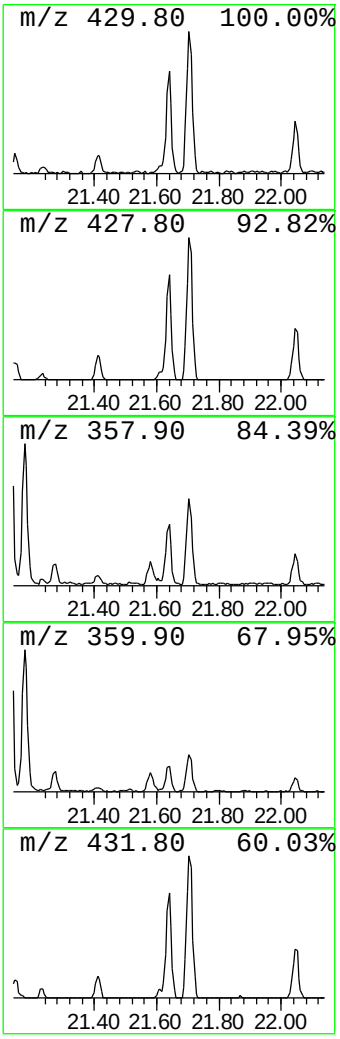
****

Peak Number 49 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.60 ng/ul	677055	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

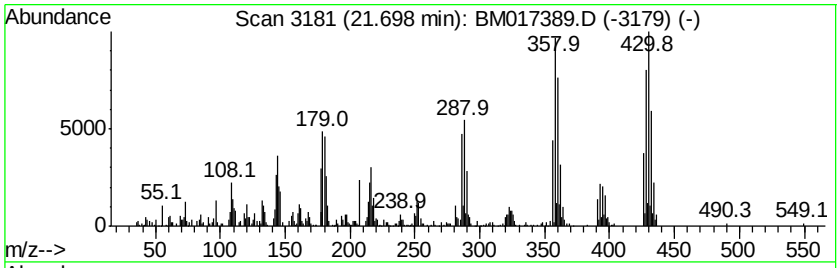
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

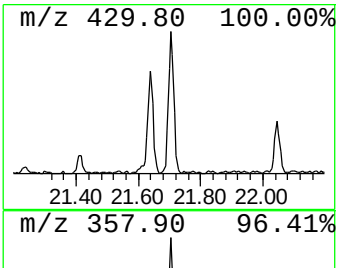
****

Peak Number 50 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.55 ng/ul	663044	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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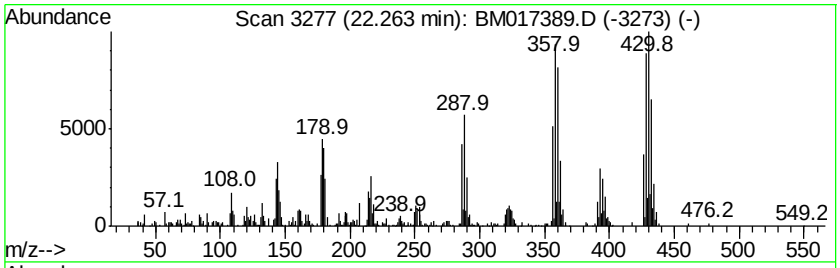
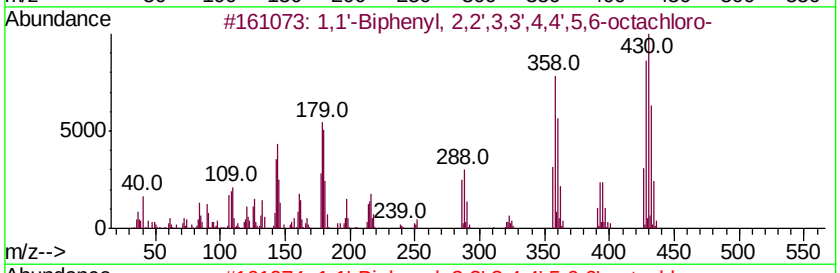
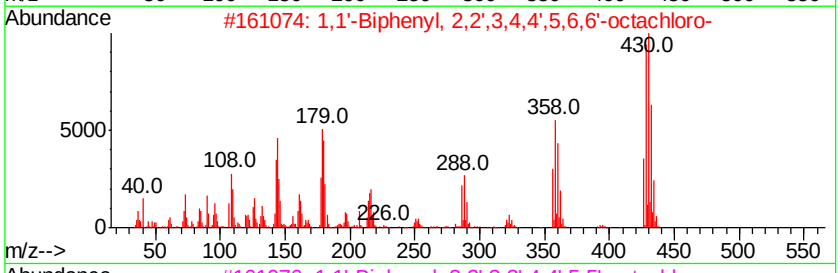
Peak Number 51 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 48

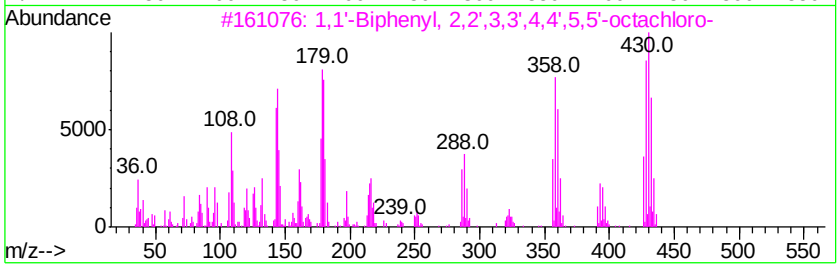
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.26 ng/ul	587021	Chrysene-d12	21.25

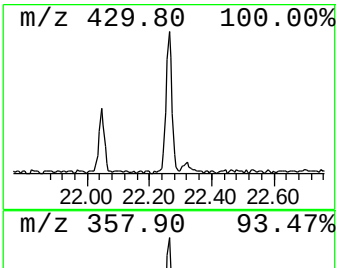
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99

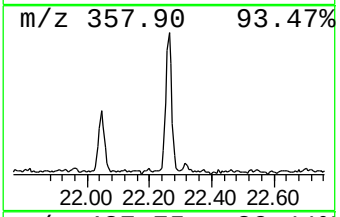


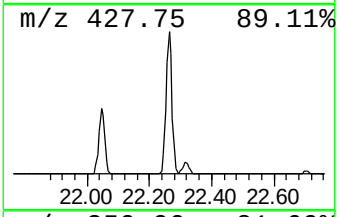


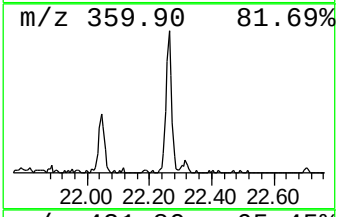


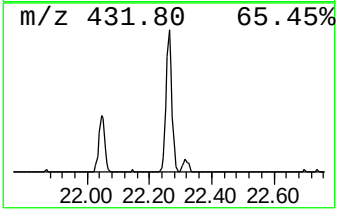












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102718\
Data File : BM017389.D
Acq On : 27 Oct 2018 15:59
Operator : MJ/SJ
Sample : J5674-11
Misc : GCMS Confirmation
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	17.6	ng/ul	1436700	1	7.65	1635110	20.0
(DEL) Alkane: Str...	4.64	4.9	ng/ul	402178	1	7.65	1635110	20.0
(DEL) Alkane: Str...	4.73	6.0	ng/ul	486781	1	7.65	1635110	20.0
(DEL) Alkane: Cyc...	5.20	2.2	ng/ul	177600	1	7.65	1635110	20.0
unknown-01	14.12	2.0	ng/ul	340400	3	14.29	3376440	20.0
unknown-02	14.82	2.1	ng/ul	355434	3	14.29	3376440	20.0
2,11-Dioxabicyclo...	15.08	4.0	ng/ul	679108	3	14.29	3376440	20.0
(DEL) Alkane: Str...	16.05	9.3	ng/ul	2222500	4	17.05	4755270	20.0
(DEL) Alkane: Str...	16.87	5.0	ng/ul	1191710	4	17.05	4755270	20.0
1,1'-Biphenyl, 2,...	18.12	16.7	ng/ul	3961800	4	17.05	4755270	20.0
1,1'-Biphenyl, 2,...	18.41	7.6	ng/ul	1801750	4	17.05	4755270	20.0
1,1'-Biphenyl, 2,...	18.90	16.9	ng/ul	4022250	4	17.05	4755270	20.0
1,1'-Biphenyl, 2,...	18.98	54.2	ng/ul	12886100	4	17.05	4755270	20.0
1,1'-Biphenyl, 2,...	19.06	8.8	ng/ul	2094570	4	17.05	4755270	20.0
(2,3,4,5-Tetrachl...	19.19	28.8	ng/ul	7502710	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.26	93.9	ng/ul	24443900	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.45	4.5	ng/ul	1161730	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.52	28.9	ng/ul	7518720	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.76	8.6	ng/ul	2226780	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.85	4.3	ng/ul	1105020	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.93	4.6	ng/ul	1186280	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	19.97	52.8	ng/ul	13731100	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	20.26	61.1	ng/ul	15890800	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	20.47	7.6	ng/ul	1989120	5	21.25	5203880	20.0
2,2',3,3',4,5',6-...	20.72	9.3	ng/ul	2417100	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	20.99	8.6	ng/ul	2232980	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	21.09	3.0	ng/ul	779610	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	21.12	14.8	ng/ul	3841010	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	21.64	2.6	ng/ul	677055	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	21.70	2.5	ng/ul	663044	5	21.25	5203880	20.0
1,1'-Biphenyl, 2,...	22.26	2.3	ng/ul	587021	5	21.25	5203880	20.0