LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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-BM092719MA.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	3.022	3	6	14	rVB	141930	159770	1.36%	0.126%
2	3.105	16	20	22	rVV	39969	42251	0.36%	0.033%
3	3.158	26	29	31	rVV	25806	26588	0.23%	0.021%
4	3.193	31	35	40	rVB	502403	509652	4.33%	0.402%
5	3.534	89	93	98	rVB	26151	31945	0.27%	0.025%
6	4.005	168	173	178	rBV	12962	16460	0.14%	0.013%
7	4.457	244	250	255	rVB	35819	47933	0.41%	0.038%
8	7.804	812	819	827	rBV	921861	1427401	12.13%	1.126%
9	10.598	1286	1294	1307	rBV	1193978	2037493	17.31%	1.607%
10	14.439	1940	1947	1962	rVB	2021368	2880146	24.47%	2.272%
11	16.416	2279	2283	2287	rVB	17406	22286	0.19%	0.018%
12	16.963	2372	2376	2382	rBV	7315	12422	0.11%	0.010%
13	17.057	2388	2392	2396	rBV2	26711	33381	0.28%	0.026%
14	17.180	2406	2413	2424	rBV2	2367393	3368724	28.62%	2.657%
15	17.357	2439	2443	2450	rBV4	18770	28887	0.25%	0.023%
16	17.768	2508	2513	2519	rBV2	121690	220616	1.87%	0.174%
17	17.892	2530	2534	2541	rBV2	102448	143165	1.22%	0.113%
18	18.027	2553	2557	2561	rBV4	16701	22562	0.19%	0.018%
19	18.074	2561	2565	2571	rBV5	48474	76544	0.65%	0.060%
20	18.192	2582	2585	2589	rBV5	11347	13987	0.12%	0.011%
21	18.251	2589	2595	2600	rVV	4724893	6016350	51.11%	4.746%
22	18.310	2600	2605	2609	rVV	1196806	1514002	12.86%	1.194%
23	18.351	2609	2612	2620	rVB	232037	303742	2.58%	0.240%
24	18.533	2637	2643	2648	rBV	2022567	2582953	21.94%	2.038%
25	18.580	2648	2651	2657	rVB	146778	181898	1.55%	0.143%
26	18.633	2657	2660	2662	rBV2	13881	15839	0.13%	0.012%
27	18.674	2662	2667	2669	rVV	157882	198608	1.69%	0.157%
28	18.709	2669	2673	2679	rVB	680904	862360	7.33%	0.680%
29	18.774	2680	2684	2687	rVV3	60684	81451	0.69%	0.064%
30	18.810	2687	2690	2695	rVV	113287	136637	1.16%	0.108%
31	18.957	2711	2715	2720	rVB2	60898	77703	0.66%	0.061%
32	19.021	2720	2726	2729	rBV	1006602	1283856	10.91%	1.013%
33	19.074	2729	2735	2737	rVV	3596002	5374558	45.66%	4.240%
34	19.098	2737	2739	2748	rVV2	5739621	7536616	64.02%	5.945%

LSC Area Percent Report

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Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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-BM092719MA.M
Title : SVOA CALIBRATION

35	19.186	2748	2754	2759	rVB	926674	1189639	10.11%	0.938%
36	19.304	2769	2774	2782	rBV2	1203505	2192023	18.62%	1.729%
37	19.386	2782	2788	2793	rVV	8499608	11771722	100.00%	9.286%
38	19.445	2793	2798	2804	rVV	3626138	4476828	38.03%	3.531%
39	19.515	2806	2810	2815	rVV	123422	148969	1.27%	0.118%
40	19.574	2815	2820	2825	rVB	360489	446920	3.80%	0.353%
41	19.645	2826	2832	2837	rBV	2368782	2973035	25.26%	2.345%
42	19.721	2837	2845	2849	rVV	3956935	5022241	42.66%	3.962%
43	19.768	2849	2853	2857	rVV	1512007	1894570	16.09%	1.494%
44	19.827	2857	2863	2869	rVV	8430359	10928014	92.83%	8.620%
45	19.868	2869	2870	2874	rVB	29203	29627	0.25%	0.023%
46	19.974	2880	2888	2890	rBV2	910537	1813049	15.40%	1.430%
47	20.039	2897	2899	2902	rVB	317515	323359	2.75%	0.255%
48	20.092	2902	2908	2912	rBV3	3057239	4005290	34.02%	3.159%
49	20.145	2912	2917	2922	rVB	7617297	9476972	80.51%	7.476%
50	20.221	2924	2930	2934	rVB	304005	407068	3.46%	0.321%
51	20.292	2934	2942	2948	rBV2	618973	1116719	9.49%	0.881%
52	20.368	2950	2955	2960	rBV	3828902	4497760	38.21%	3.548%
53	20.421	2960	2964	2966	rBV	1874633	2349464	19.96%	1.853%
54	20.445	2966	2968	2976	rVB	3329405	3906736	33.19%	3.082%
55	20.521	2976	2981	2987	rBV	750586	966576	8.21%	0.762%
56	20.592	2988	2993	2995	rBV	441428	574743	4.88%	0.453%
57	20.615	2995	2997	3001	rVB2	371145	373826	3.18%	0.295%
58	20.686	3001	3009	3016	rBV	4756013	7831651	66.53%	6.178%
59	20.768	3019	3023	3028	rVB	327145	369484	3.14%	0.291%
60	20.833	3030	3034	3040	rVB3	196284	252842	2.15%	0.199%
61	20.898	3041	3045	3053	rBV3	141267	197497	1.68%	0.156%
62	20.992	3056	3061	3065	rBV	1521665	1884806	16.01%	1.487%
63	21.098	3076	3079	3085	rVB	202192	242802	2.06%	0.192%
64	21.156	3085	3089	3094	rBV	143015	169979	1.44%	0.134%
65	21.209	3095	3098	3099	rBV	106792	101837	0.87%	0.080%
66	21.239	3099	3103	3107	rVB	748935	856462	7.28%	0.676%
67	21.286	3108	3111	3118	rBV2	175901	265976	2.26%	0.210%
68	21.356	3118	3123	3126	rBV	2399957	2949493	25.06%	2.327%
69	21.386	3126	3128	3132	rVB	537016	548368	4.66%	0.433%
70	21.698	3177	3181	3187	rBV2	366907	496885	4.22%	0.392%
71	23.621	3502	3508	3518	rVB	1313308	2427889	20.62%	1.915%

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Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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-BM092719MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 126769907

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
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Acq On : 01 Oct 2019 06:50
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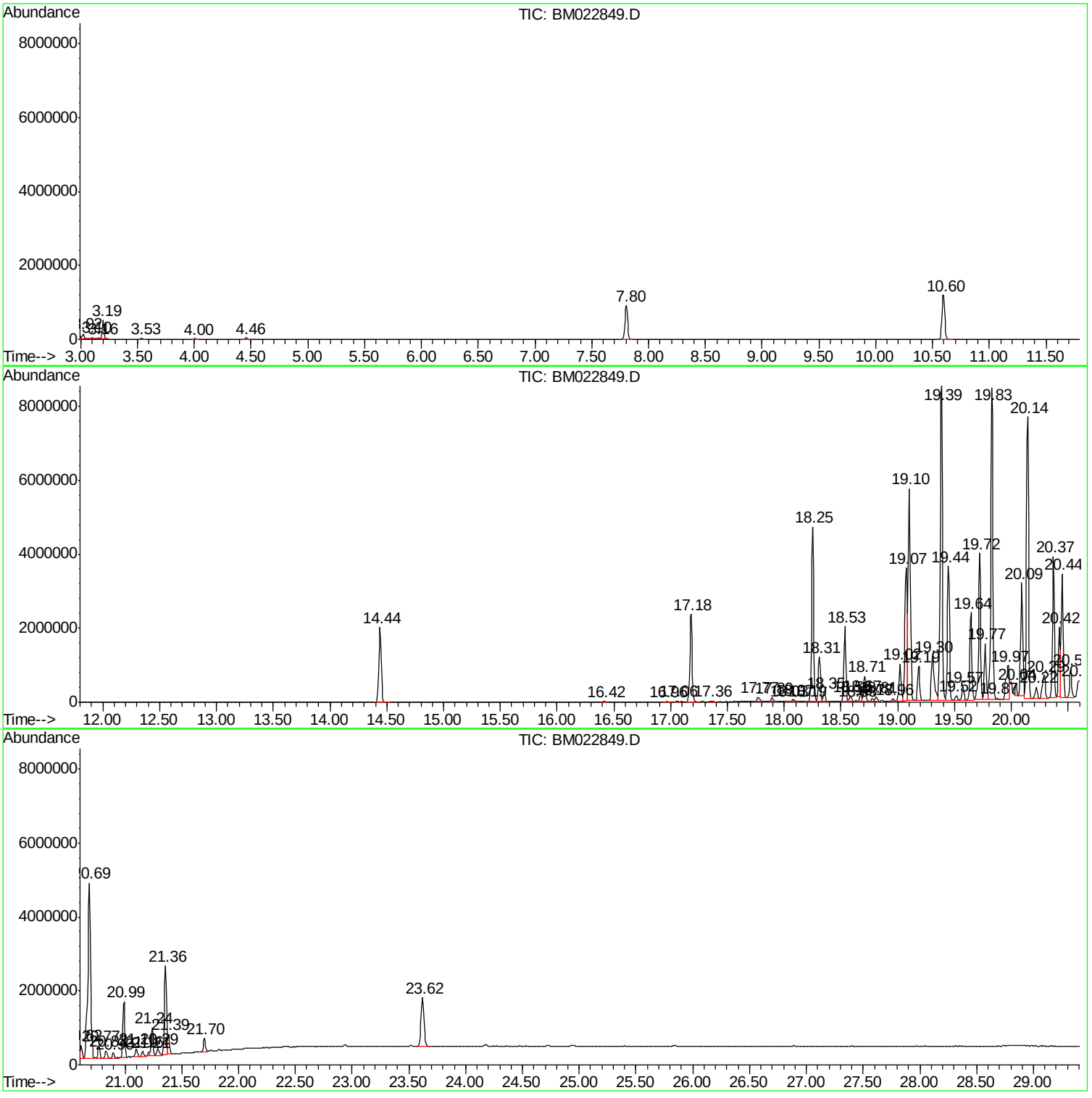
Instrument :
BNA_M
ClientSampleId :
C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

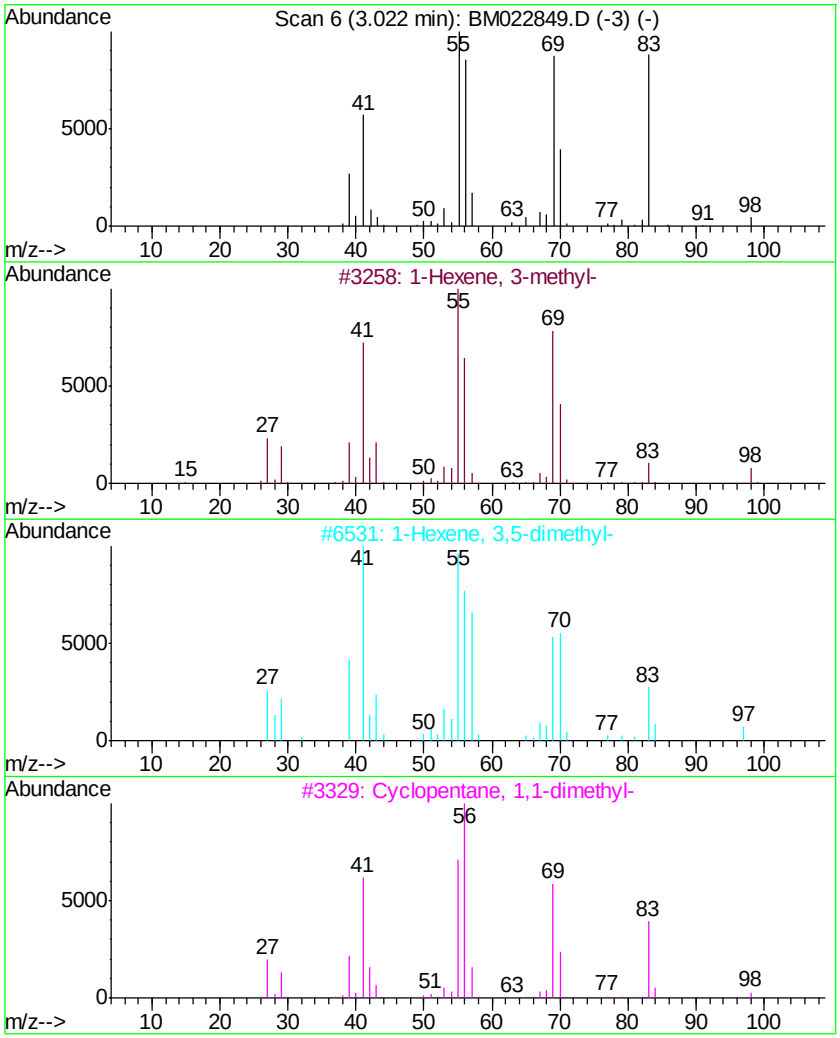
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

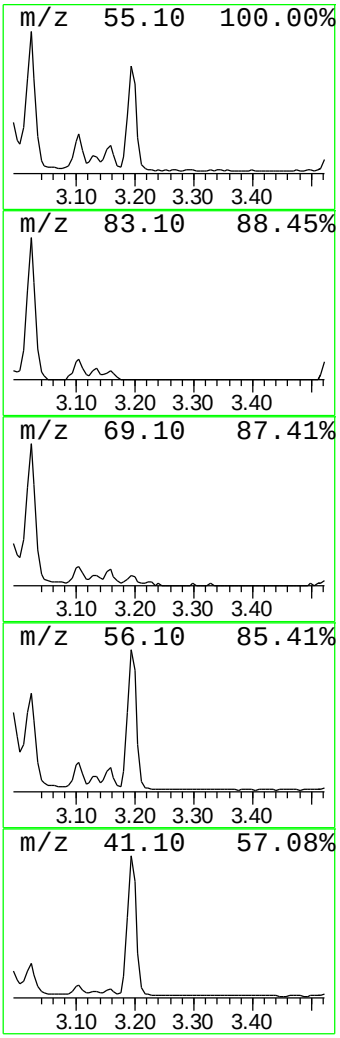
****

Peak Number 1 (DEL) Alkane: Cyclic3.02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	2.24 ng/ul	159770	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	45
2	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	45
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

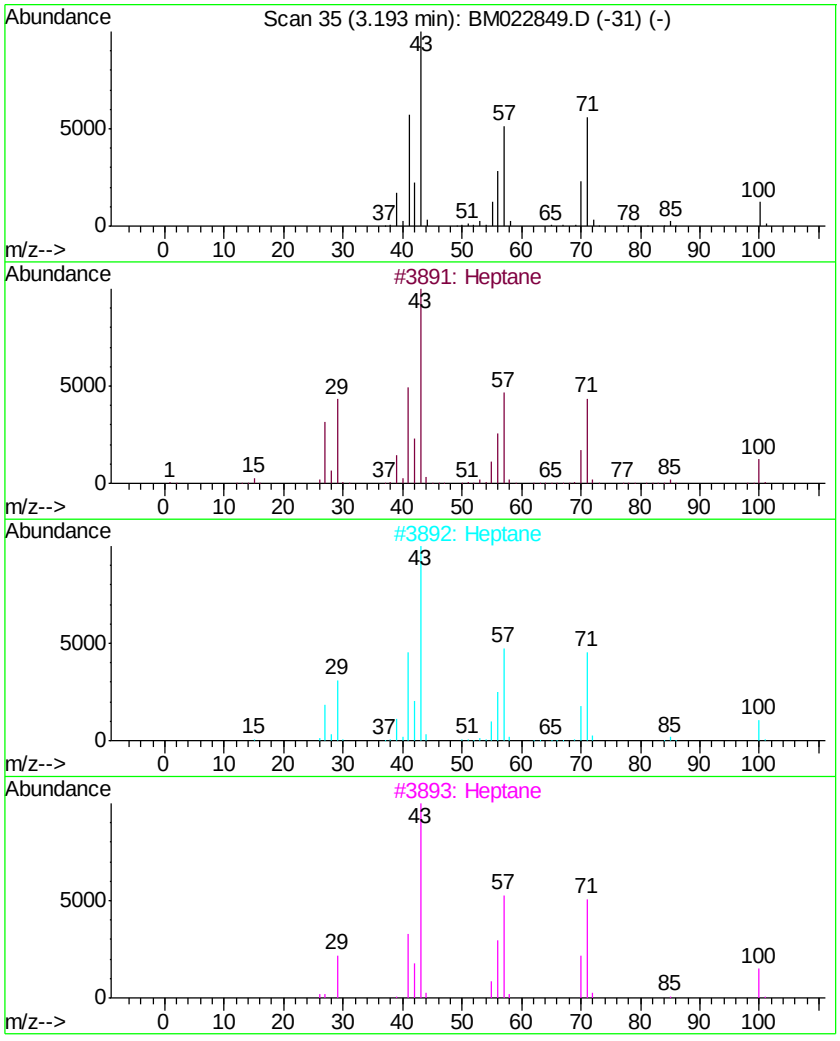
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

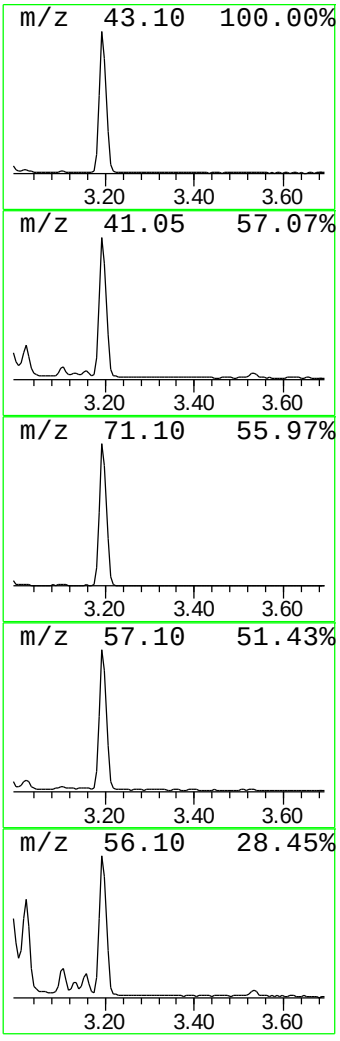
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	7.14 ng/ul	509652	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

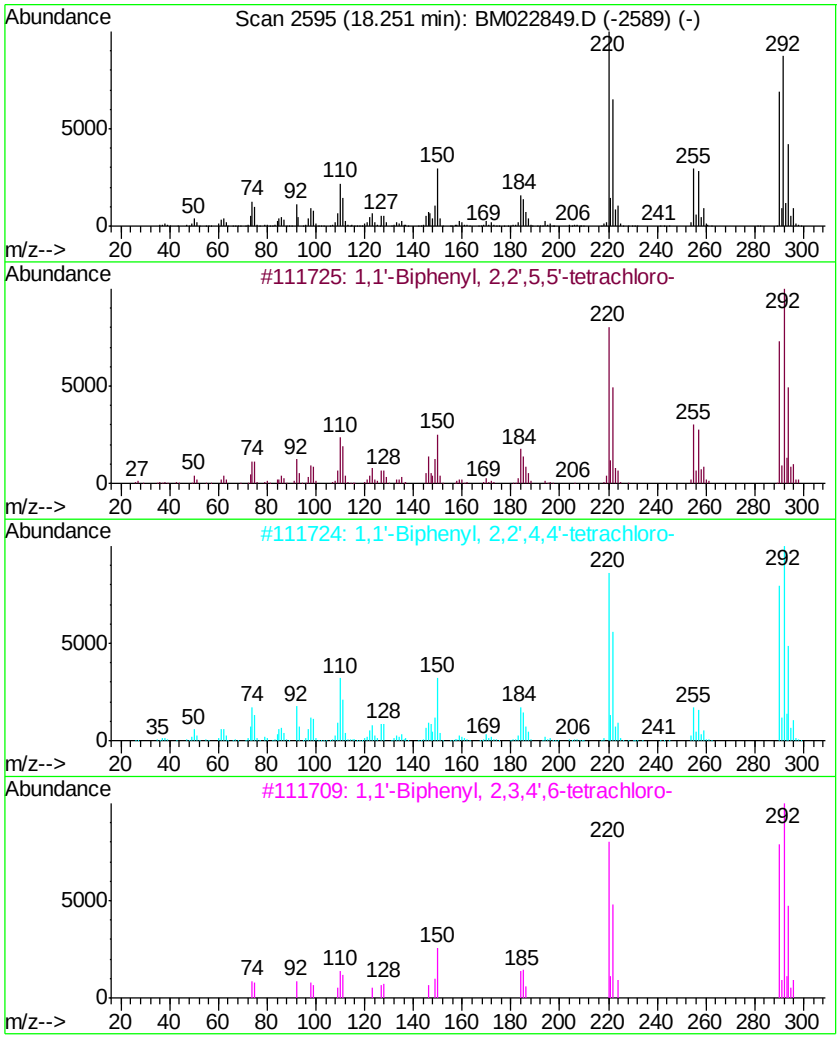
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

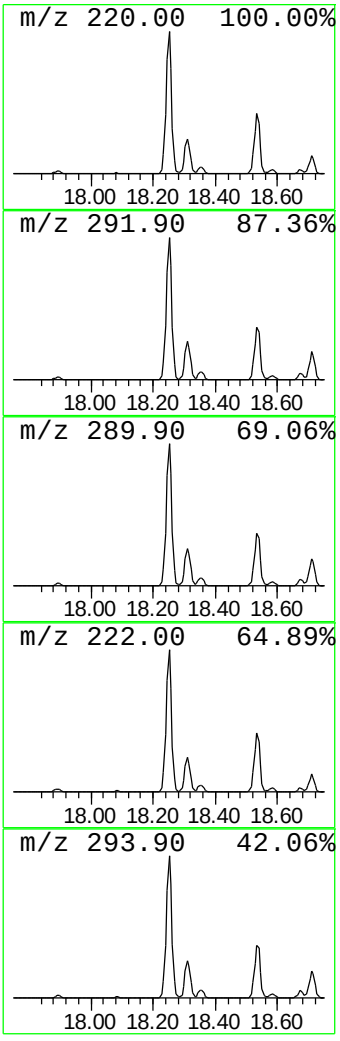
****

Peak Number 3 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	35.72 ng/ul	6016350	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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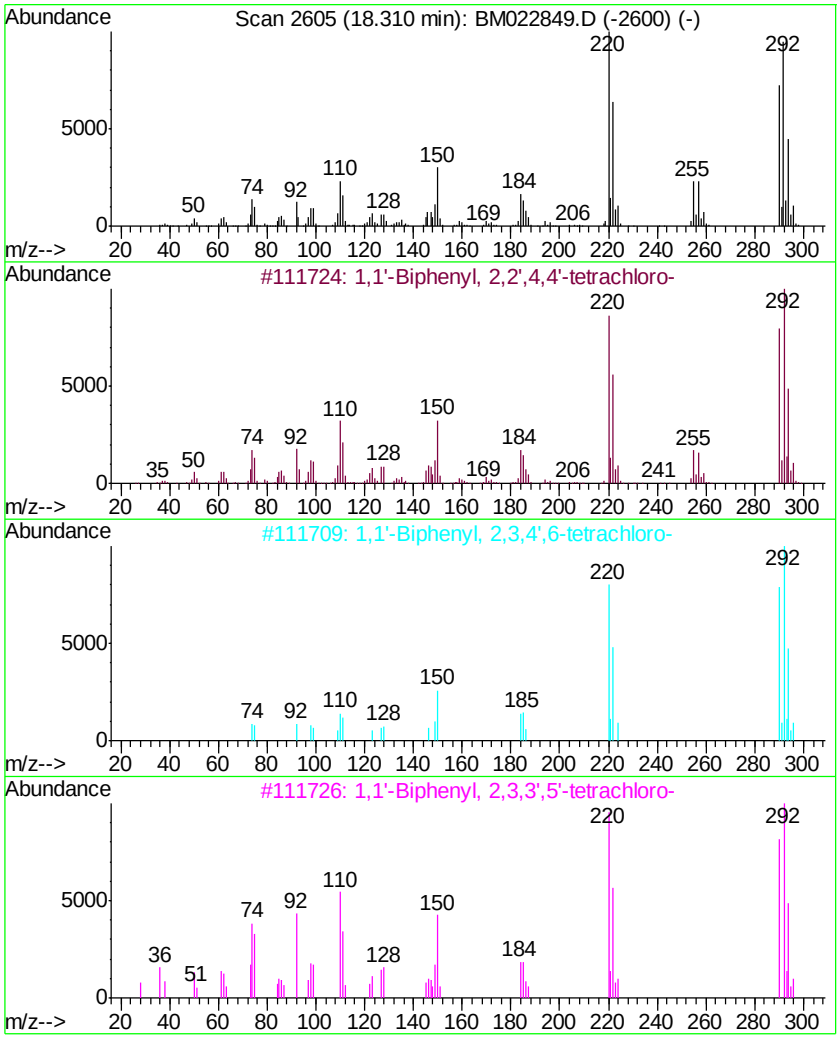
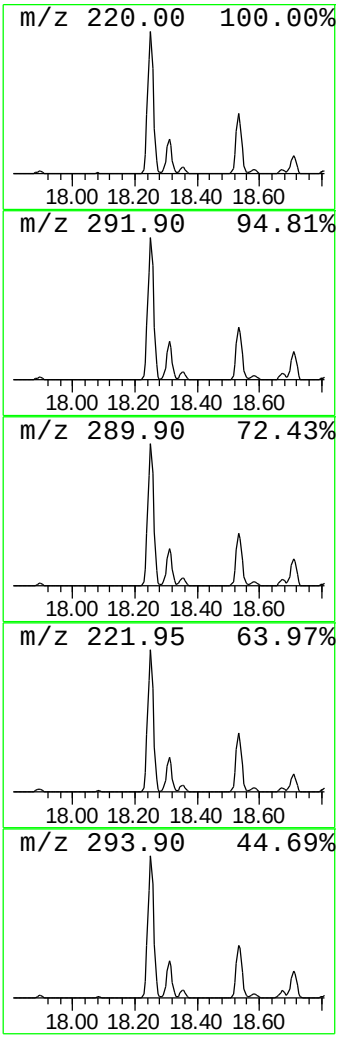
Peak Number 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	8.99 ng/ul	1514000	Phenanthrene-d10	17.18

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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Data File : BM022849.D
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ALS Vial : 32 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

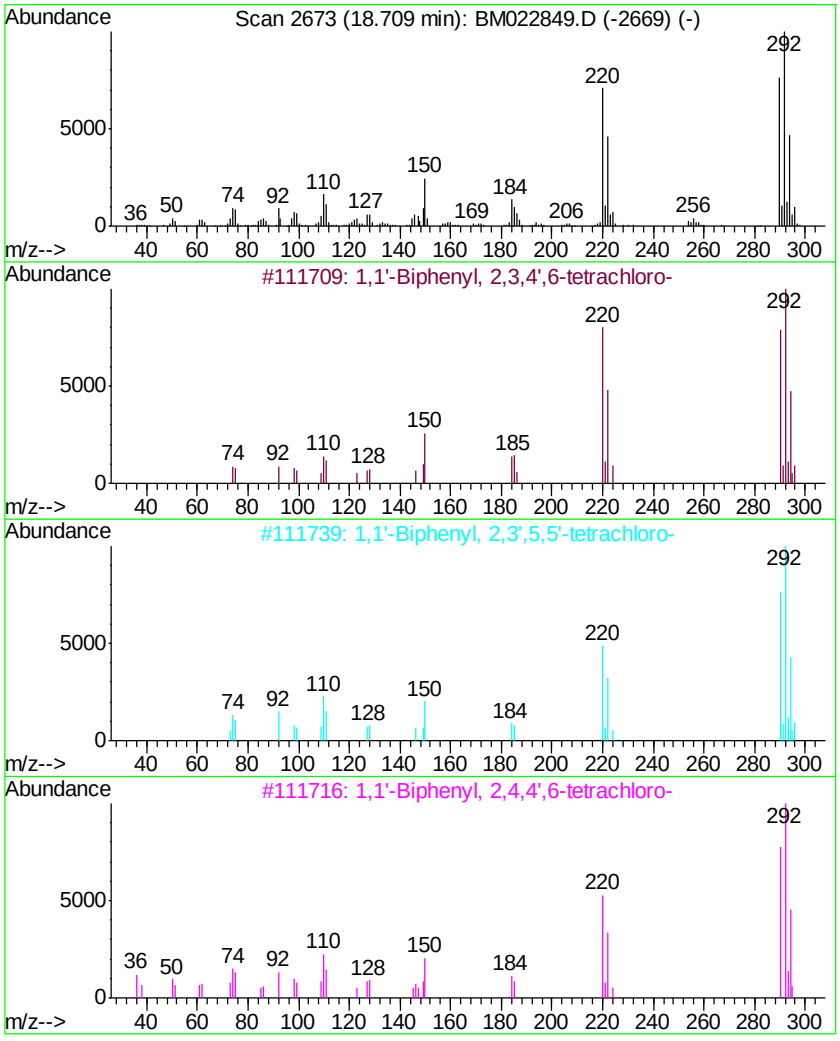
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

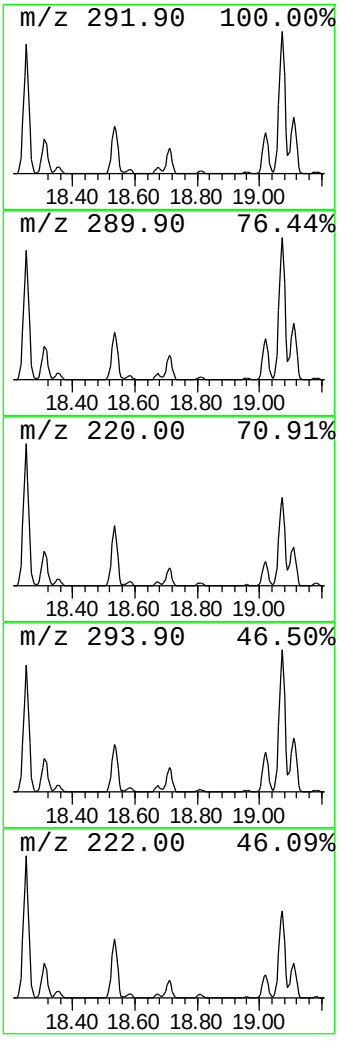
****

Peak Number 6 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	5.12 ng/ul	862360	Phenanthrene-d10	17.18

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',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

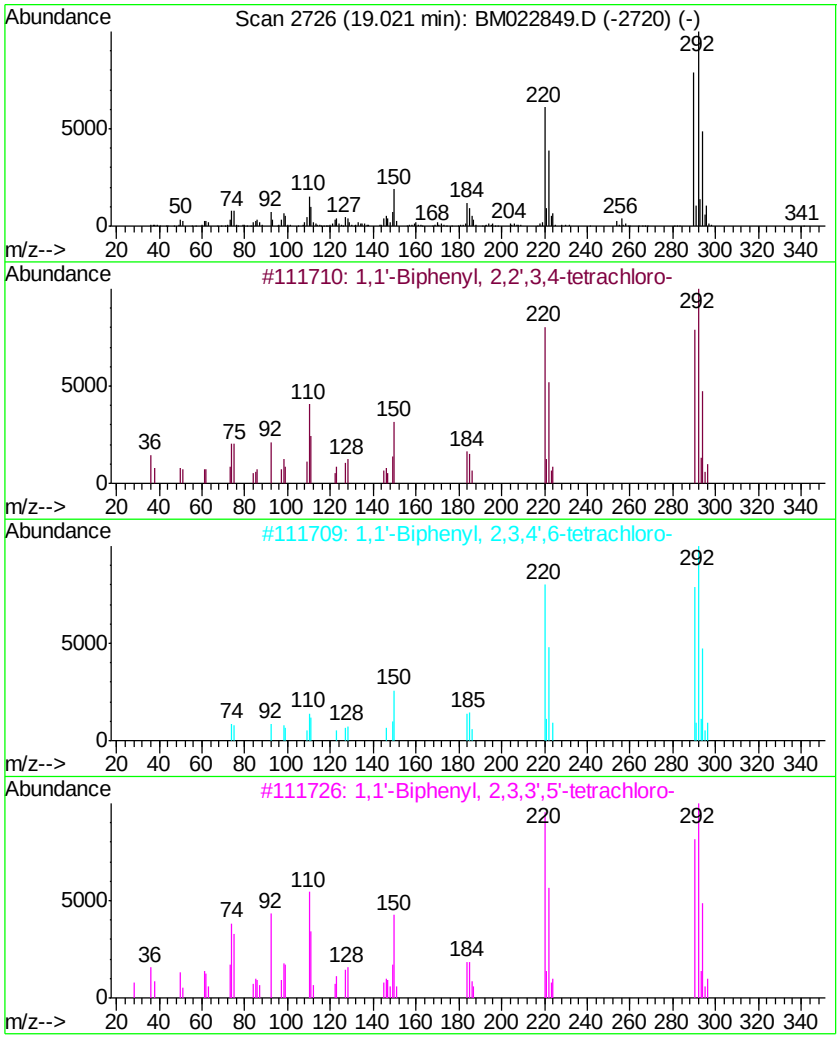
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

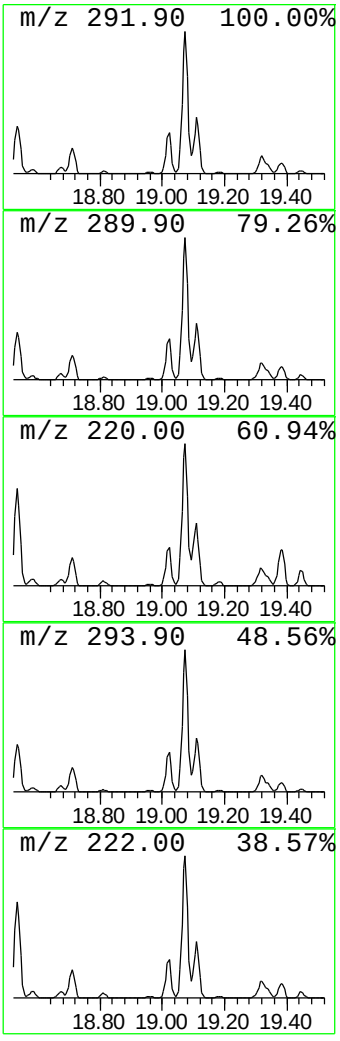
****

Peak Number 7 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	7.62 ng/ul	1283860	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99





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Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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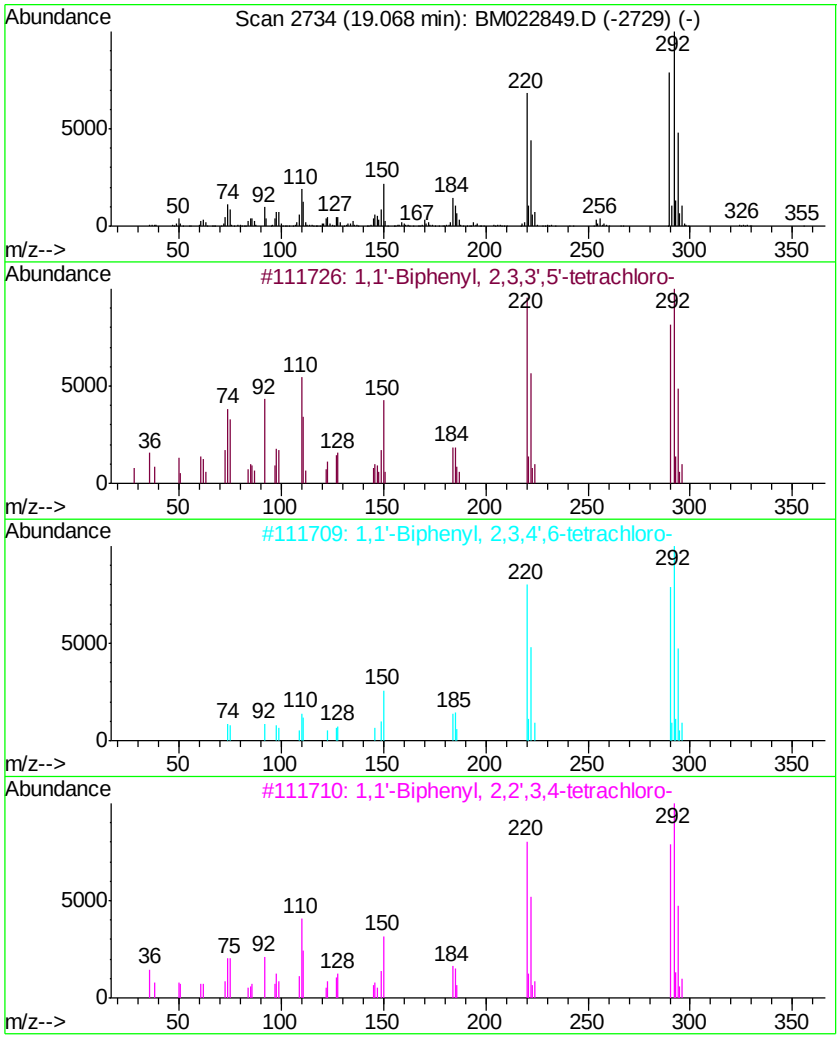
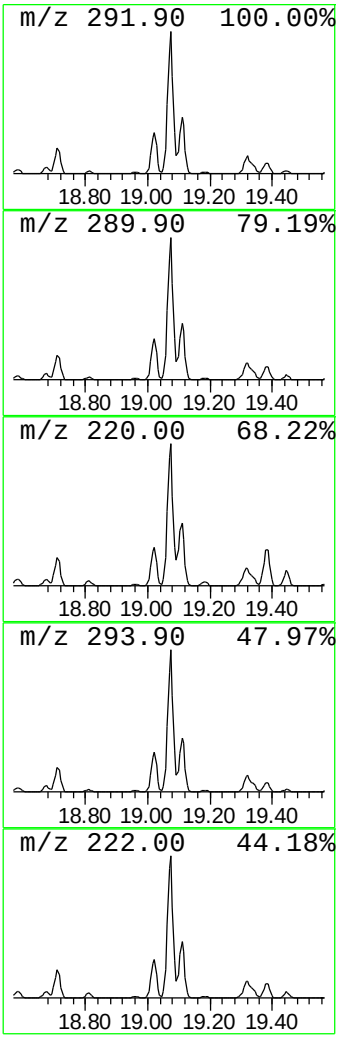
Peak Number 8 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	31.91 ng/ul	5374560	Phenanthrene-d10	17.18

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, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99





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Sample : K5027-06
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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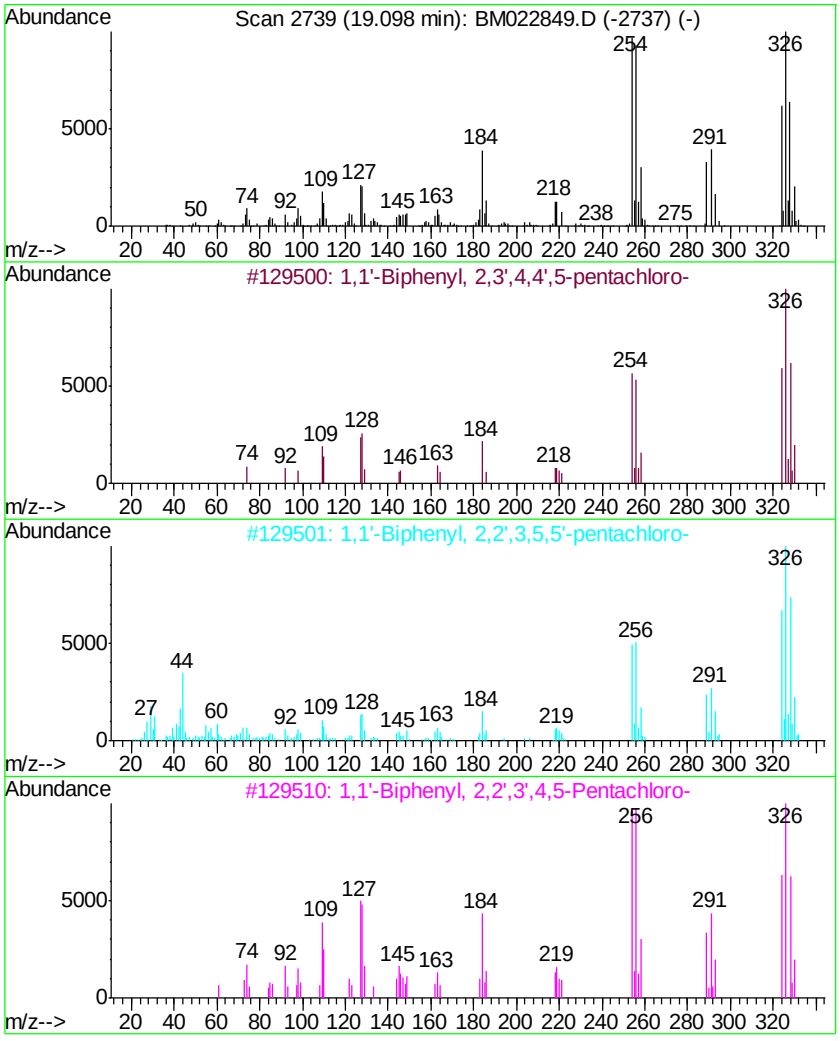
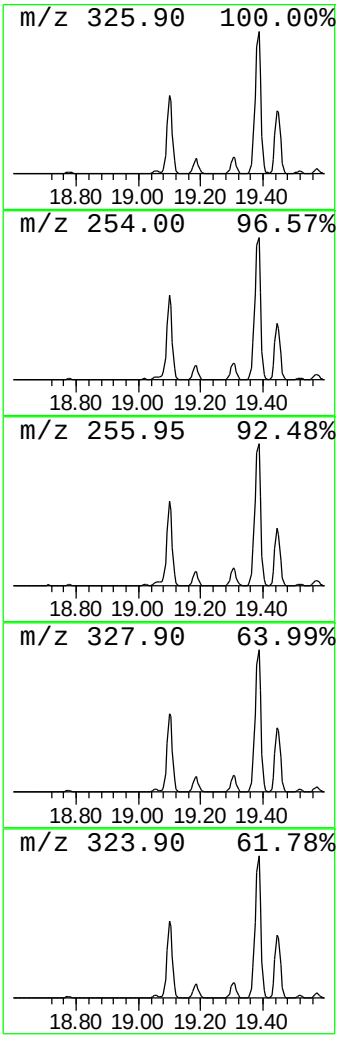
Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	44.74 ng/ul	7536620	Phenanthrene-d10	17.18

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',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





Library Search Compound Report

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Operator : JU
Sample : K5027-06
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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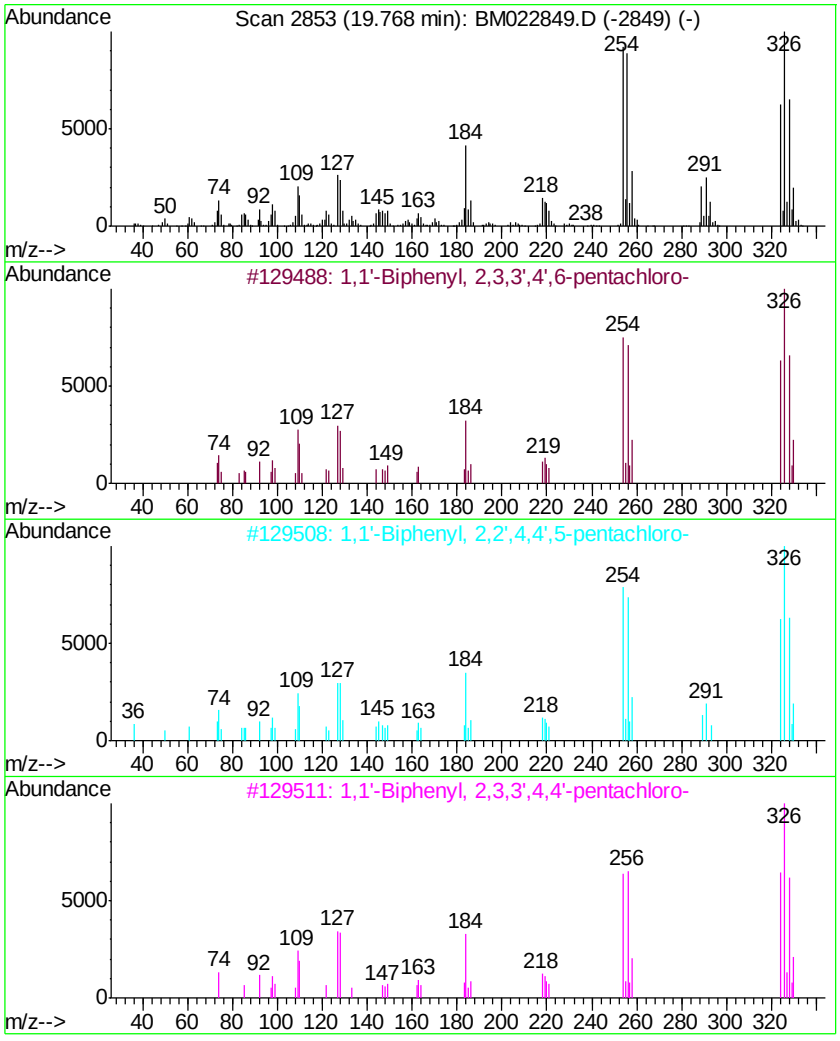
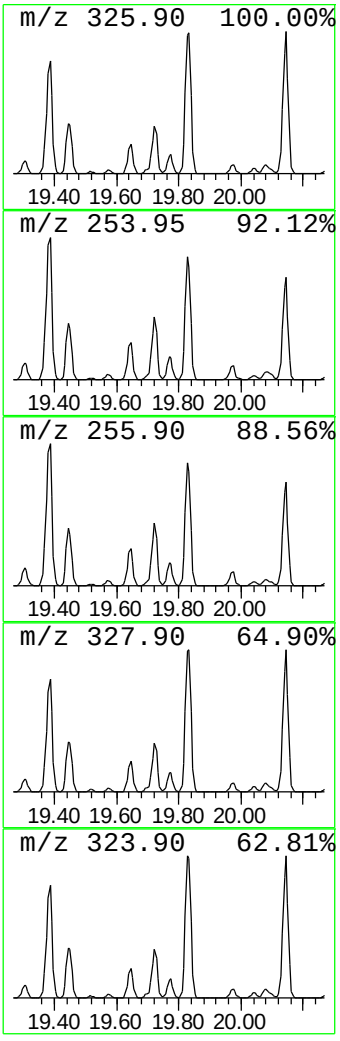
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	12.85 ng/ul	1894570	Chrysene-d12	21.36

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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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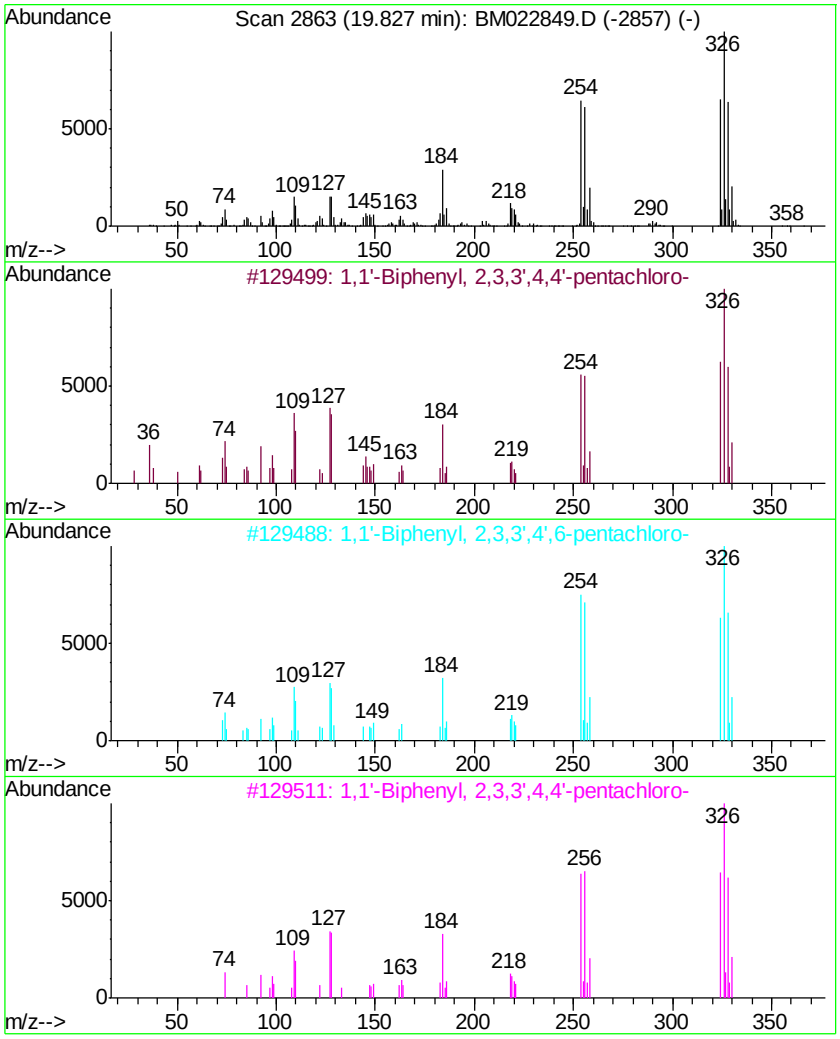
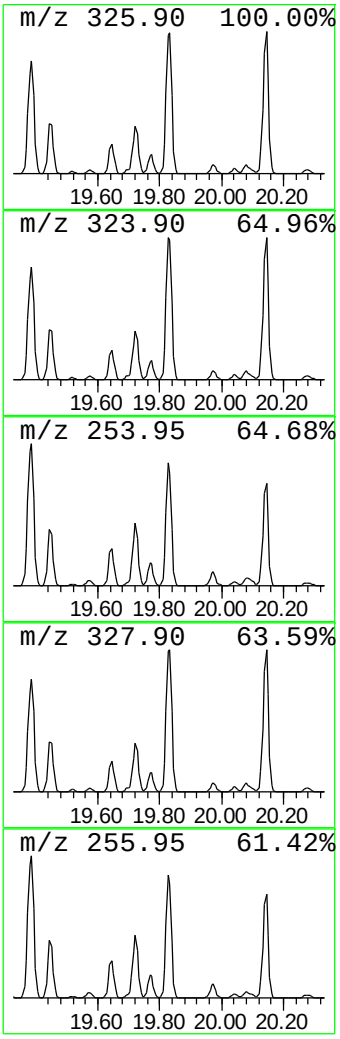
Peak Number 18 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	74.10 ng/ul	10928000	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98





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ALS Vial : 32 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

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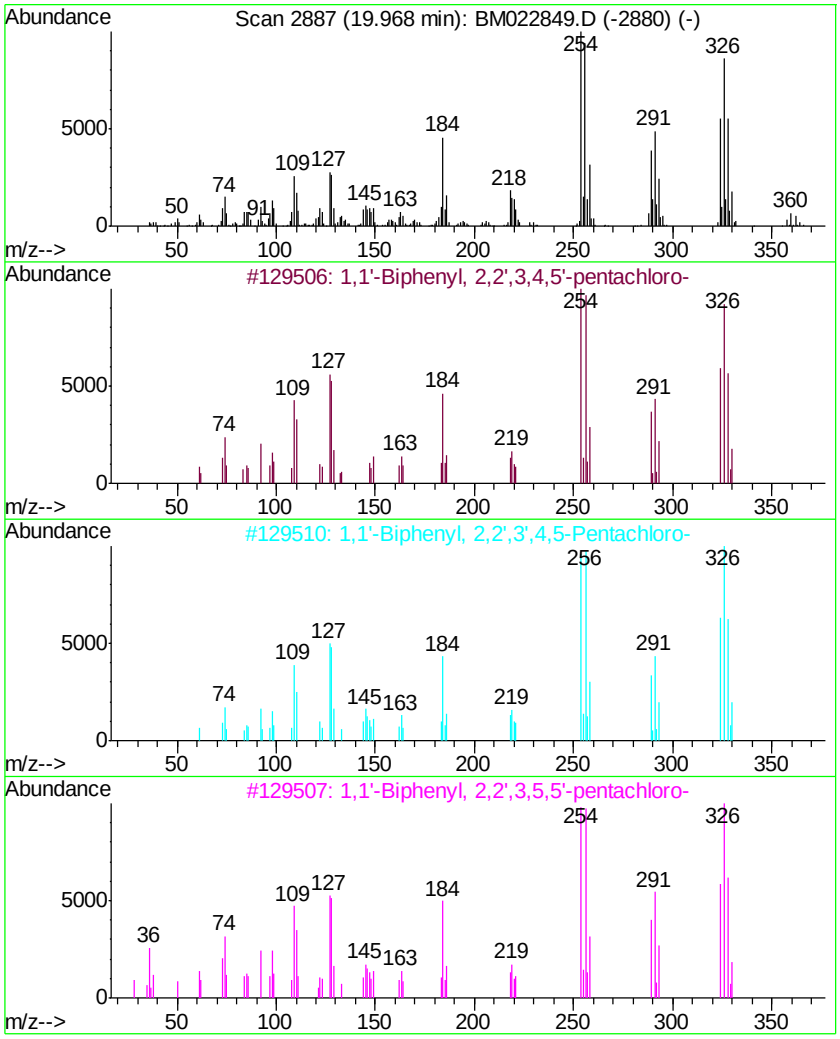
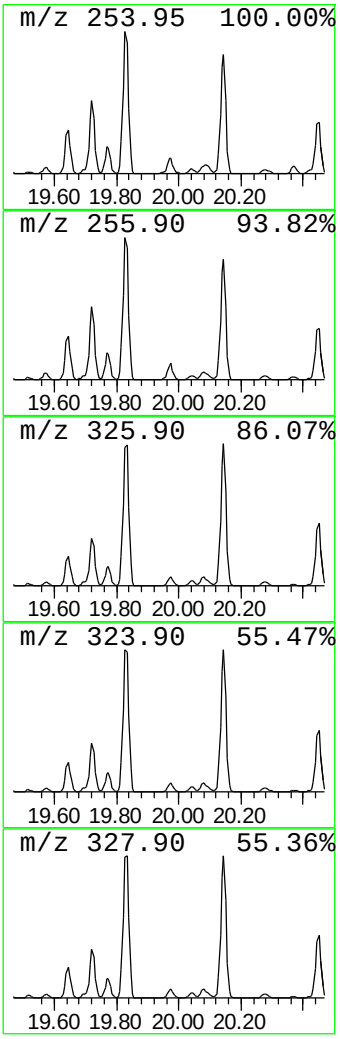
Peak Number 19 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	12.29 ng/ul	1813050	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
5	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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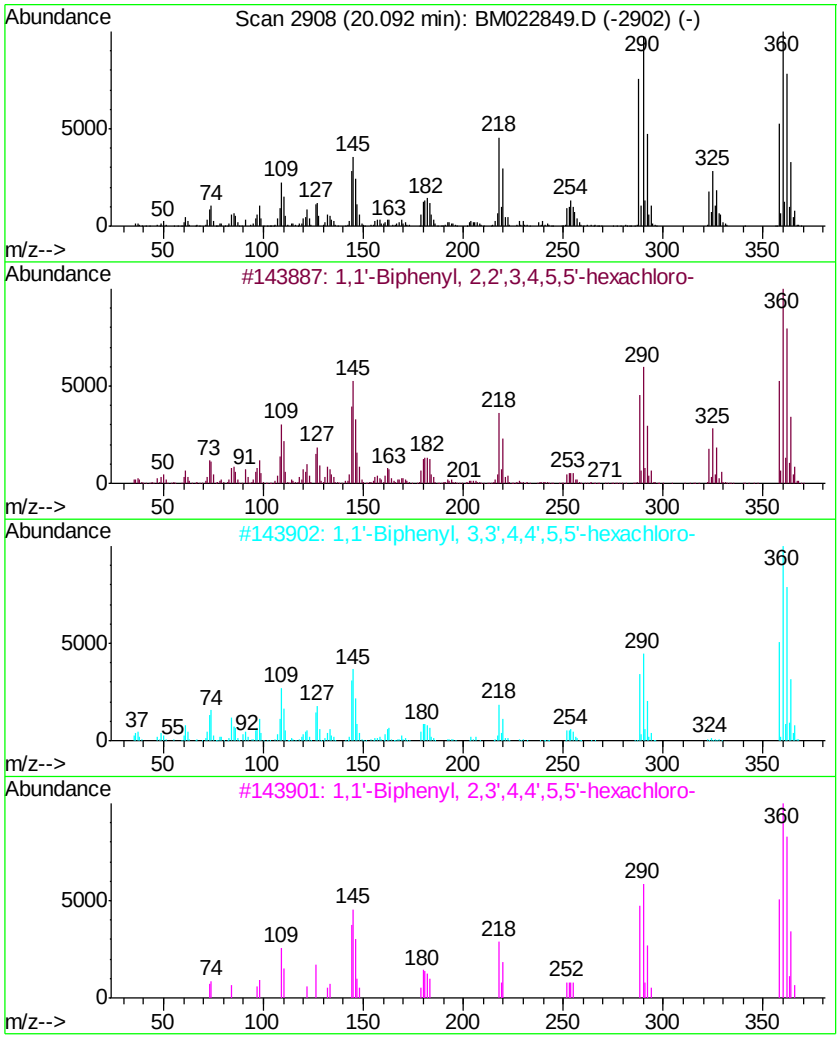
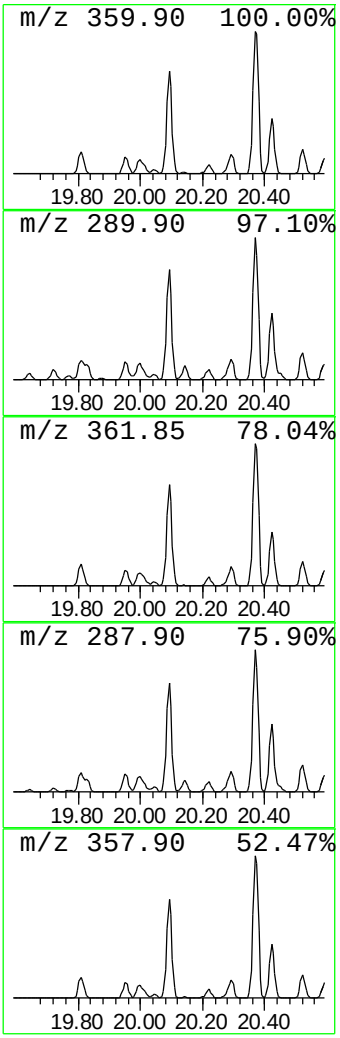
Peak Number 21 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	27.16 ng/ul	4005290	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Sample : K5027-06
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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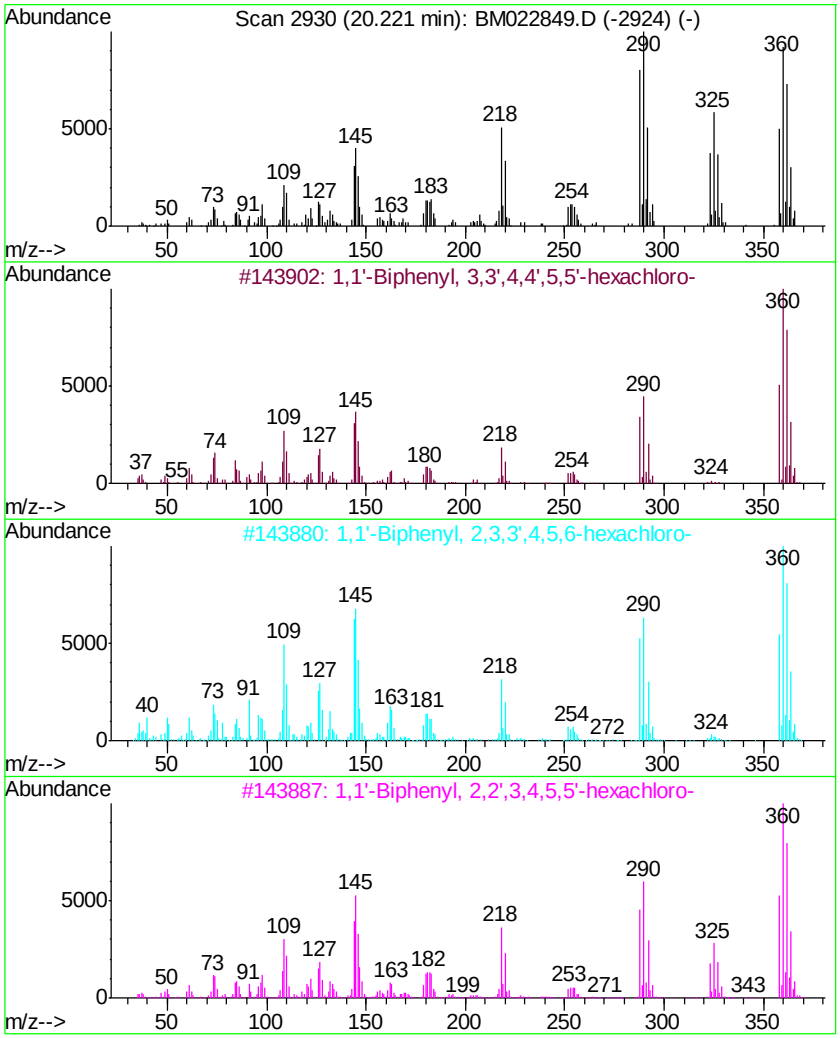
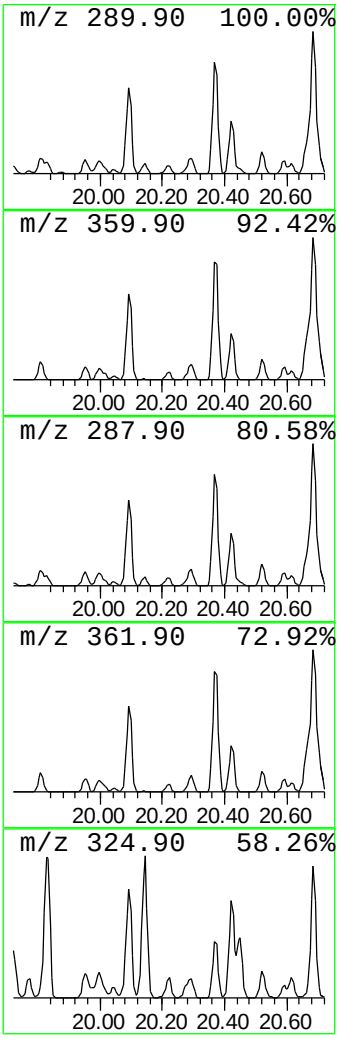
Peak Number 23 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.76 ng/ul	407068	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99





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ALS Vial : 32 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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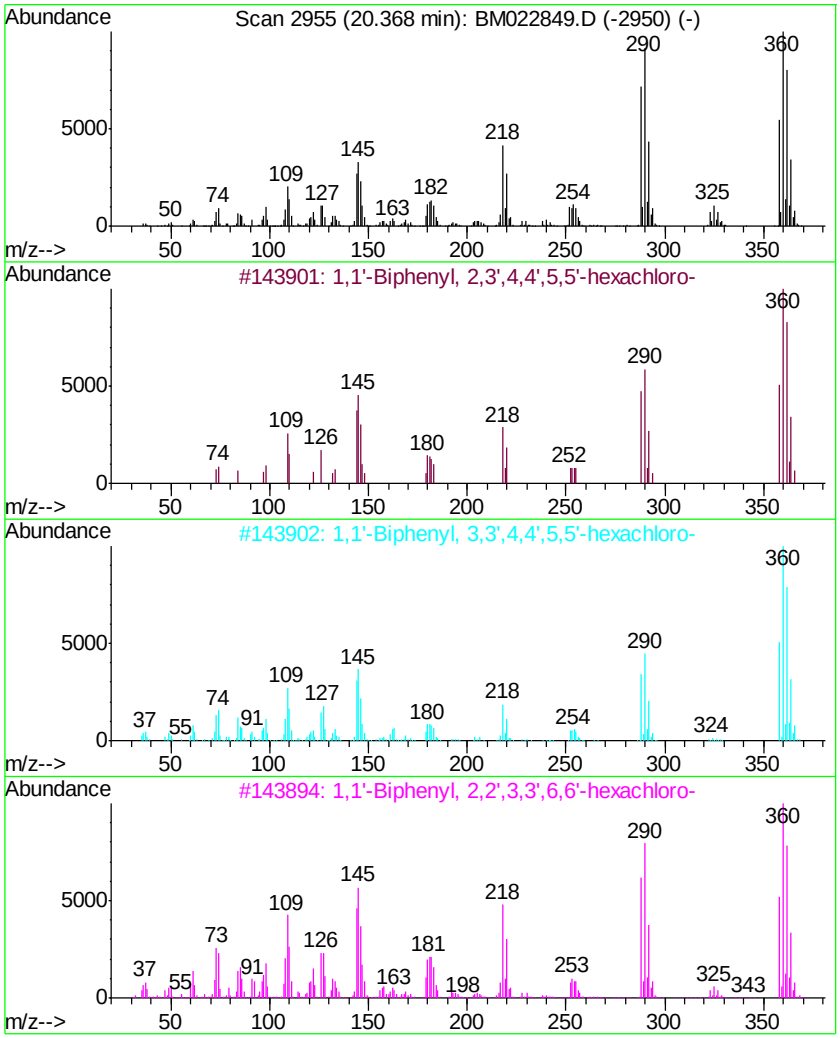
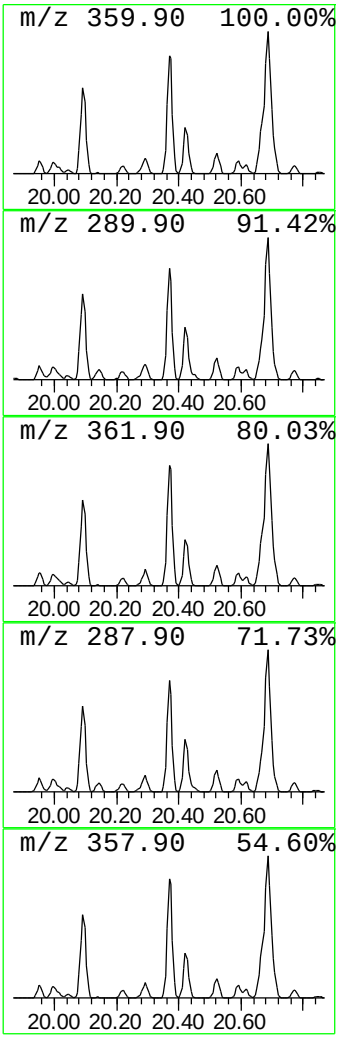
Peak Number 25 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	30.50 ng/ul	4497760	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





Library Search Compound Report

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Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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Quant Title : SVOA CALIBRATION

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

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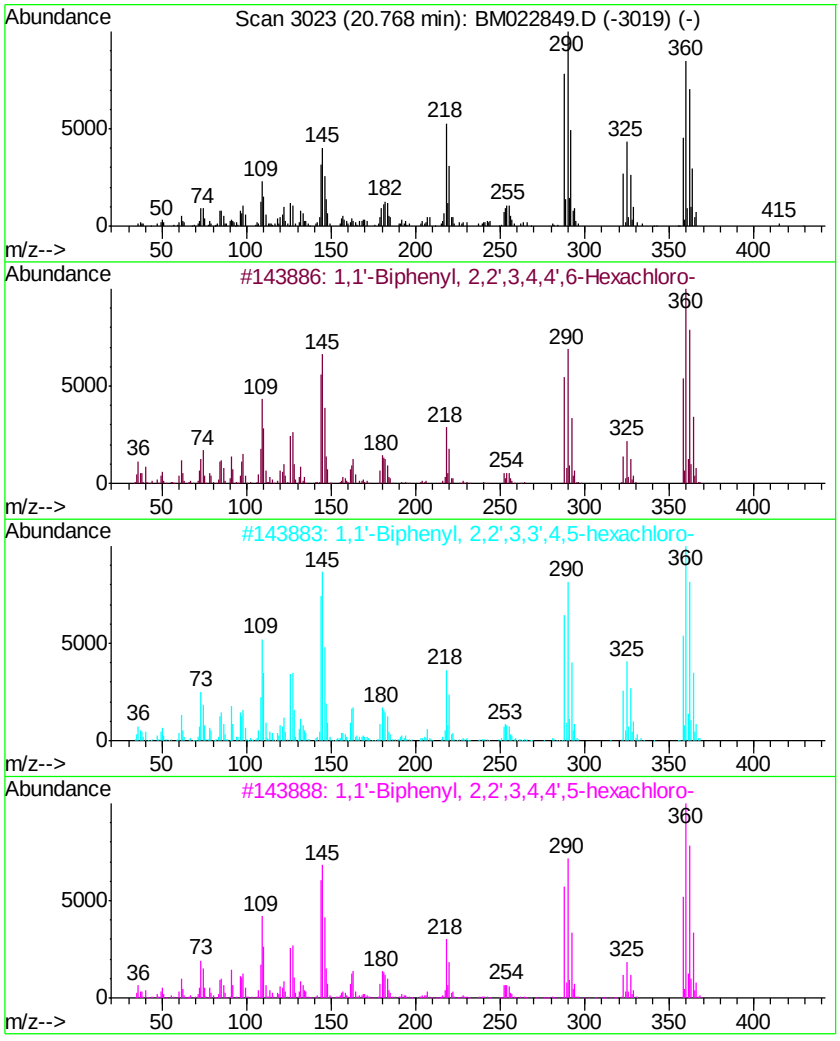
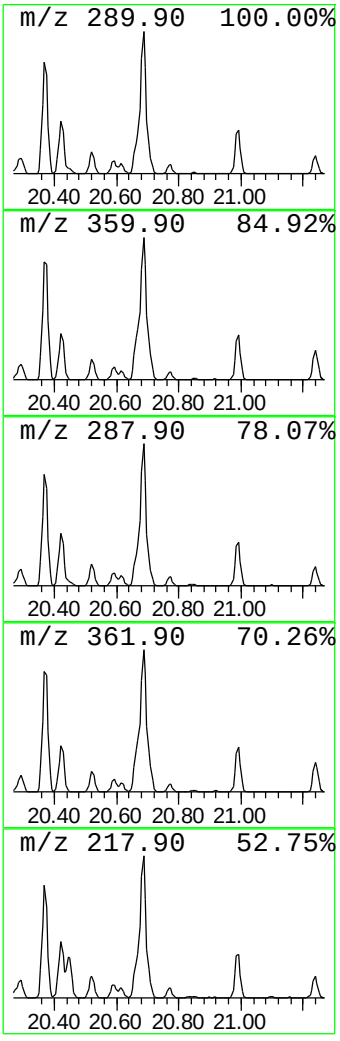
Peak Number 32 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.51 ng/ul	369484	Chrysene-d12	21.36

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, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	98





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ALS Vial : 32 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 35 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	3.37 ng/ul	496885	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
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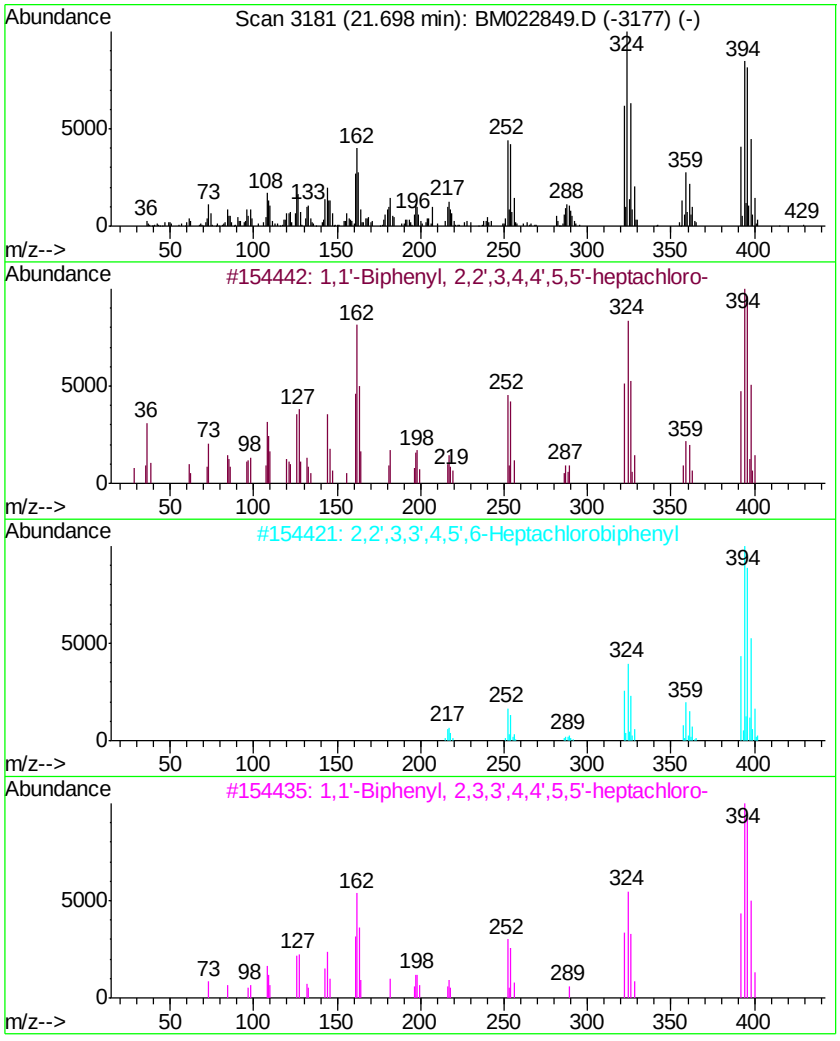

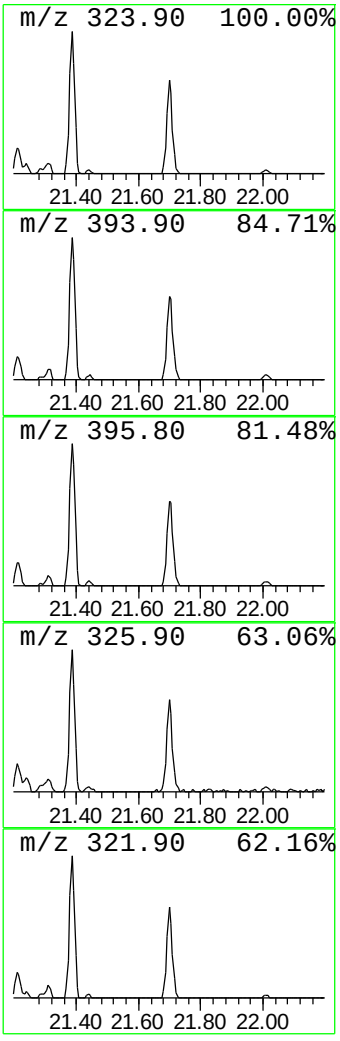

Tentatively Identified Compound (LSC) summary

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Data File : BM022849.D
Acq On : 01 Oct 2019 06:50
Operator : JU
Sample : K5027-06
Misc : GCMS CONFIRMATION
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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: Cyc...	3.02	2.2	ng/ul	159770	1	7.80	1427400	20.0
(DEL) Alkane: Str...	3.19	7.1	ng/ul	509652	1	7.80	1427400	20.0
1,1'-Biphenyl, 2,...	18.25	35.7	ng/ul	6016350	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	18.31	9.0	ng/ul	1514000	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	18.71	5.1	ng/ul	862360	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	19.02	7.6	ng/ul	1283860	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	19.07	31.9	ng/ul	5374560	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	19.10	44.7	ng/ul	7536620	4	17.18	3368720	20.0
1,1'-Biphenyl, 2,...	19.77	12.9	ng/ul	1894570	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	19.83	74.1	ng/ul	10928000	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	19.97	12.3	ng/ul	1813050	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	20.09	27.2	ng/ul	4005290	5	21.36	2949490	20.0
1,1'-Biphenyl, 3,...	20.22	2.8	ng/ul	407068	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	20.37	30.5	ng/ul	4497760	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	20.77	2.5	ng/ul	369484	5	21.36	2949490	20.0
1,1'-Biphenyl, 2,...	21.70	3.4	ng/ul	496885	5	21.36	2949490	20.0