LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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	3.023	3	6	13	rVB	126109	142314	1.51%	0.128%
2	3.105	16	20	22	rVV2	40274	46331	0.49%	0.042%
3	3.158	26	29	31	rVV	22541	24110	0.26%	0.022%
4	3.193	31	35	42	rVB	468841	466126	4.95%	0.420%
5	3.505	85	88	90	rBV2	9775	12424	0.13%	0.011%
6	3.534	90	93	99	rVB	34764	43008	0.46%	0.039%
7	3.917	154	158	163	rVB	10694	15144	0.16%	0.014%
8	4.005	169	173	179	rVB2	30894	41500	0.44%	0.037%
9	4.093	185	188	191	rBV3	10263	12039	0.13%	0.011%
10	4.452	245	249	257	rVB	11922	17249	0.18%	0.016%
11	4.658	280	284	292	rVB2	9390	11790	0.13%	0.011%
12	6.963	671	676	681	rBV3	8933	12455	0.13%	0.011%
13	7.346	736	741	750	rVB	11238	19722	0.21%	0.018%
14	7.805	812	819	831	rBV	937535	1463670	15.54%	1.320%
15	7.946	837	843	852	rVB3	17870	31487	0.33%	0.028%
16	10.299	1237	1243	1248	rBV2	24203	37645	0.40%	0.034%
17	10.599	1285	1294	1306	rBV	1266229	2156577	22.90%	1.945%
18	13.275	1744	1749	1755	rVB3	7419	12133	0.13%	0.011%
19	14.439	1940	1947	1963	rVB	2115917	3089615	32.81%	2.787%
20	14.763	1999	2002	2006	rVB	7342	9724	0.10%	0.009%
21	14.857	2012	2018	2023	rBV5	5492	9864	0.10%	0.009%
22	15.063	2049	2053	2057	rVB2	18141	21894	0.23%	0.020%
23	15.434	2113	2116	2122	rVB5	6146	9708	0.10%	0.009%
24	16.157	2236	2239	2242	rBV	11980	14370	0.15%	0.013%
25	16.586	2306	2312	2315	rBV5	10299	13759	0.15%	0.012%
26	16.716	2330	2334	2336	rBV2	22799	27684	0.29%	0.025%
27	16.751	2336	2340	2346	rVB	39444	59016	0.63%	0.053%
28	16.828	2349	2353	2359	rVV	87874	116052	1.23%	0.105%
29	17.057	2388	2392	2396	rBV2	68947	90946	0.97%	0.082%
30	17.092	2396	2398	2403	rVB2	26212	30948	0.33%	0.028%
31	17.180	2406	2413	2418	rBV	2500937	3594324	38.17%	3.242%
32	17.216	2418	2419	2425	rVB	107276	113702	1.21%	0.103%
33	17.275	2426	2429	2433	rVV2	10286	12734	0.14%	0.011%
34	17.357	2438	2443	2450	rBV2	138560	212414	2.26%	0.192%

LSC Area Percent Report

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Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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	17.633	2486	2490	2492	rBV	36109	45113	0.48%	0.041%
36	17.663	2492	2495	2498	rVV	19759	25580	0.27%	0.023%
37	17.704	2500	2502	2508	rVB5	16132	18804	0.20%	0.017%
38	17.780	2508	2515	2521	rVB	511538	848593	9.01%	0.765%
39	17.892	2529	2534	2543	rVB3	128245	209240	2.22%	0.189%
40	17.975	2544	2548	2552	rBV3	32340	40471	0.43%	0.037%
41	18.027	2552	2557	2561	rBV2	219303	300824	3.19%	0.271%
42	18.080	2561	2566	2572	rVB3	147825	253528	2.69%	0.229%
43	18.192	2581	2585	2589	rBV2	44597	66025	0.70%	0.060%
44	18.251	2589	2595	2600	rVV	3142617	4034596	42.84%	3.639%
45	18.310	2600	2605	2609	rVV	876216	1134986	12.05%	1.024%
46	18.351	2609	2612	2618	rVB	293928	373224	3.96%	0.337%
47	18.533	2637	2643	2648	rBV	1468969	1990914	21.14%	1.796%
48	18.580	2648	2651	2656	rVB2	205415	260438	2.77%	0.235%
49	18.633	2656	2660	2663	rBV	88878	124911	1.33%	0.113%
50	18.674	2663	2667	2669	rVV	213516	269793	2.86%	0.243%
51	18.710	2669	2673	2679	rVB	659014	807219	8.57%	0.728%
52	18.774	2680	2684	2687	rBV2	71154	107264	1.14%	0.097%
53	18.810	2687	2690	2694	rVB	140066	170942	1.82%	0.154%
54	18.957	2711	2715	2720	rBV3	61633	89132	0.95%	0.080%
55	19.016	2720	2725	2729	rBV	644339	887882	9.43%	0.801%
56	19.069	2729	2734	2736	rVV	1781289	2409948	25.59%	2.174%
57	19.098	2736	2739	2748	rVB2	4724875	6356374	67.50%	5.734%
58	19.180	2749	2753	2758	rBV	673343	849820	9.02%	0.767%
59	19.233	2758	2762	2767	rVB	137477	167850	1.78%	0.151%
60	19.304	2769	2774	2782	rBV2	1031024	1821956	19.35%	1.644%
61	19.380	2782	2787	2793	rVB	6943232	9417458	100.00%	8.495%
62	19.445	2793	2798	2805	rVB	2651644	3180115	33.77%	2.869%
63	19.516	2806	2810	2814	rBV	90511	110939	1.18%	0.100%
64	19.574	2815	2820	2827	rBV2	313044	512380	5.44%	0.462%
65	19.645	2827	2832	2837	rBV	1922862	2378491	25.26%	2.146%
66	19.721	2837	2845	2849	rBV	3299885	4069885	43.22%	3.671%
67	19.769	2849	2853	2857	rBV	1084927	1313507	13.95%	1.185%
68	19.827	2857	2863	2868	rVB	6925493	9155621	97.22%	8.259%
69	19.968	2880	2887	2890	rBV2	752659	1607157	17.07%	1.450%
70	20.045	2897	2900	2902	rVB	271281	273036	2.90%	0.246%
71	20.092	2902	2908	2912	rBV2	3028187	3856426	40.95%	3.479%

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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

Integration Parameters: LSCINT.P
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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

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Title : SVOA CALIBRATION

72	20.139	2912	2916	2922	rVB	6144926	7478287	79.41%	6.746%
73	20.216	2925	2929	2934	rBV	316020	404258	4.29%	0.365%
74	20.292	2935	2942	2947	rVB2	608397	1045344	11.10%	0.943%
75	20.368	2950	2955	2960	rBV	3611125	4274350	45.39%	3.856%
76	20.421	2960	2964	2966	rBV	1777744	2264764	24.05%	2.043%
77	20.445	2966	2968	2973	rVB	2673908	3021252	32.08%	2.725%
78	20.521	2977	2981	2989	rBV	777135	966747	10.27%	0.872%
79	20.592	2989	2993	2995	rBV	372344	476145	5.06%	0.430%
80	20.616	2995	2997	3001	rVB2	388911	381017	4.05%	0.344%
81	20.686	3001	3009	3016	rBV	4746366	7454769	79.16%	6.725%
82	20.768	3020	3023	3028	rVB	309688	353899	3.76%	0.319%
83	20.833	3030	3034	3040	rVB	363374	446900	4.75%	0.403%
84	20.898	3041	3045	3052	rBV3	167672	238733	2.54%	0.215%
85	20.986	3056	3060	3065	rBV	1453623	1760402	18.69%	1.588%
86	21.098	3076	3079	3085	rVB2	259324	320624	3.40%	0.289%
87	21.157	3086	3089	3093	rVB2	173931	195018	2.07%	0.176%
88	21.210	3096	3098	3099	rVV2	97517	84222	0.89%	0.076%
89	21.239	3099	3103	3106	rVV	652278	765809	8.13%	0.691%
90	21.280	3107	3110	3118	rVV2	189120	359372	3.82%	0.324%
91	21.357	3118	3123	3126	rVV	2355353	2995439	31.81%	2.702%
92	21.386	3126	3128	3134	rVB2	687152	733901	7.79%	0.662%
93	21.627	3166	3169	3173	rVB	237836	260685	2.77%	0.235%
94	21.698	3177	3181	3187	rBV	420823	537560	5.71%	0.485%
95	23.621	3502	3508	3519	rVB	1331168	2504328	26.59%	2.259%

Sum of corrected areas: 110856745

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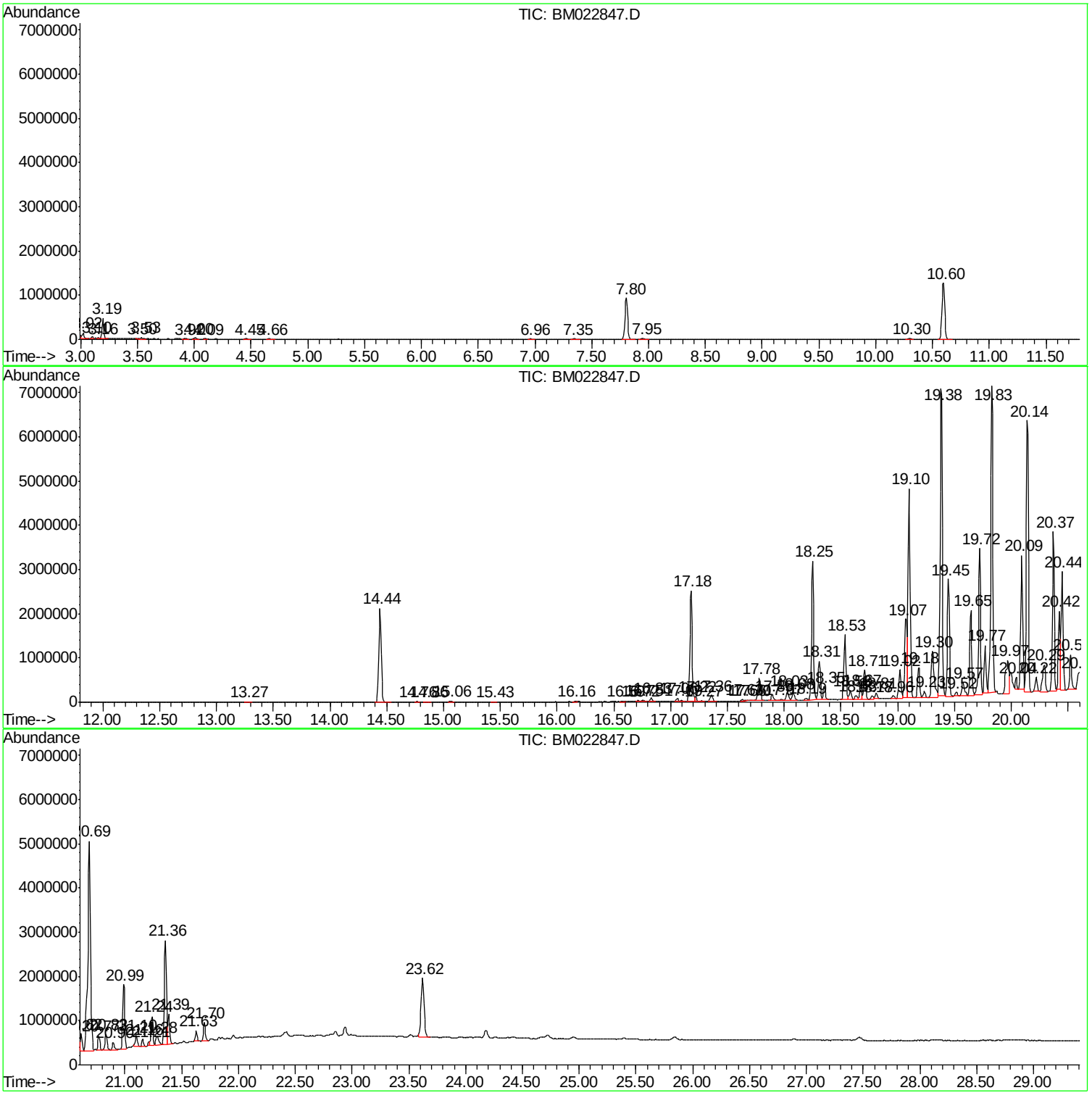
Instrument :
BNA_M
ClientSampleId :
C0AW6

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
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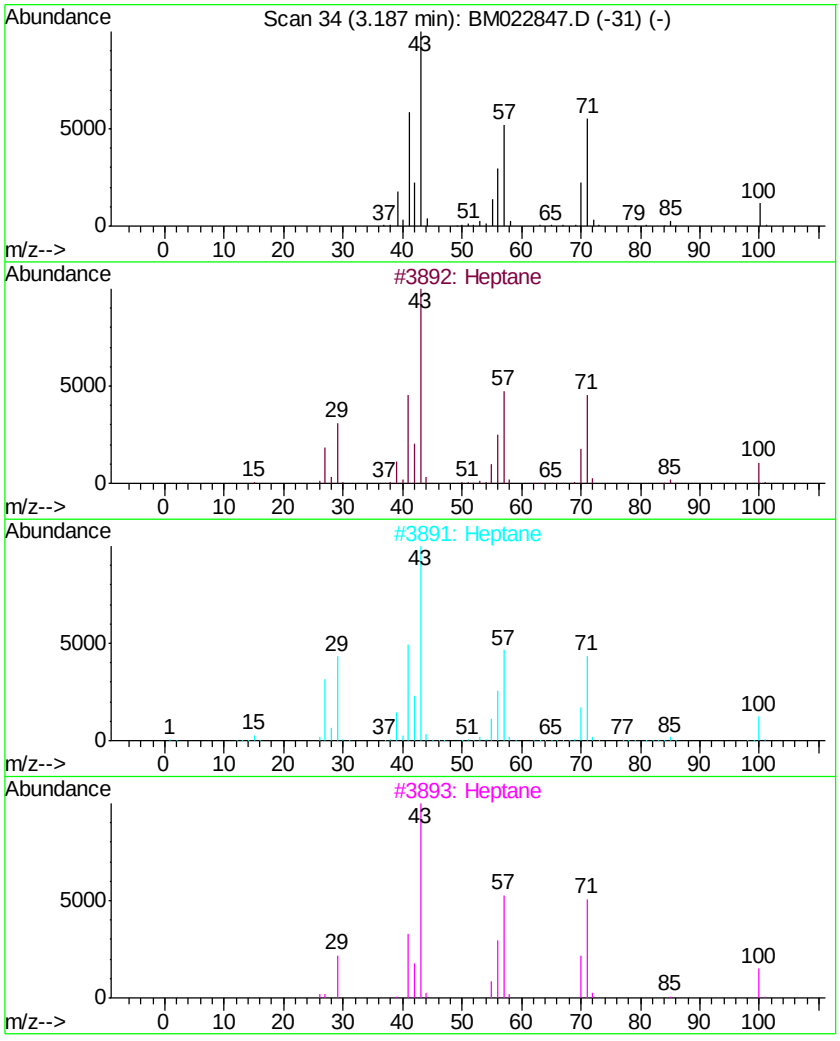
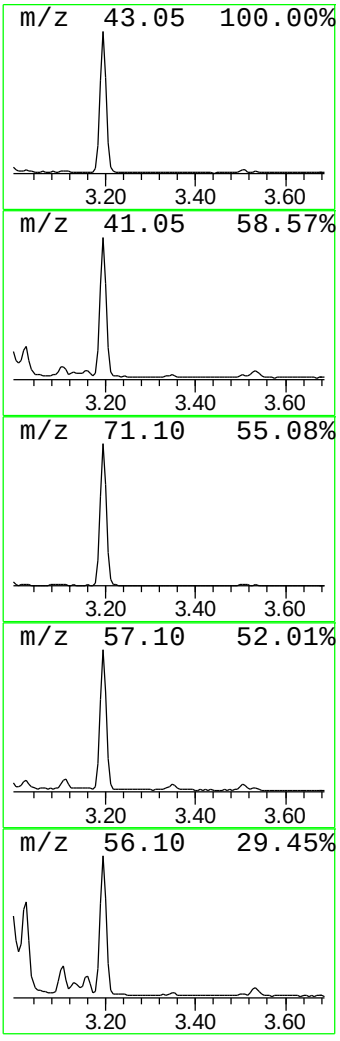
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	6.37 ng/ul	466126	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





Library Search Compound Report

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Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

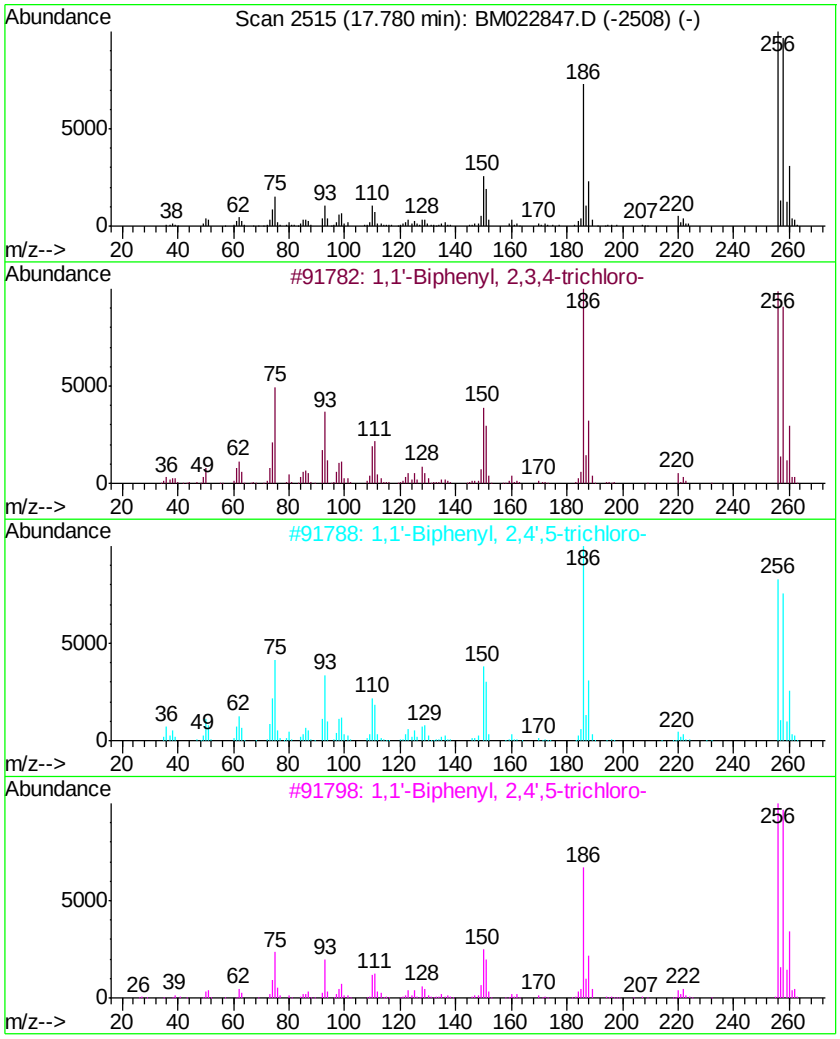
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

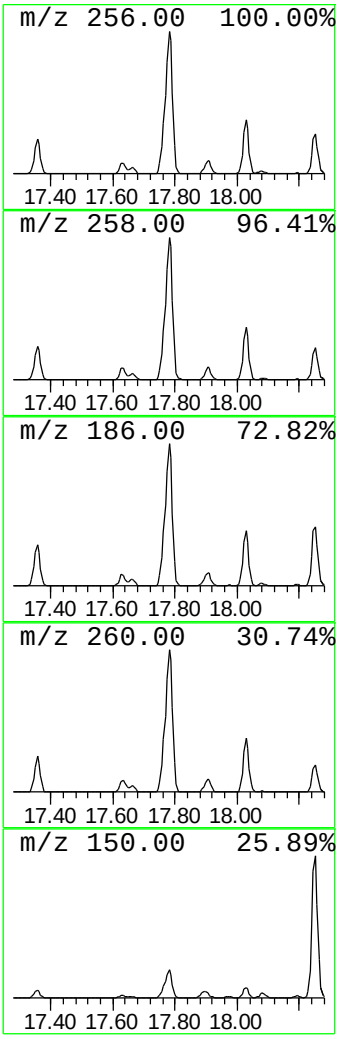
****

Peak Number 2 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	4.72 ng/ul	848593	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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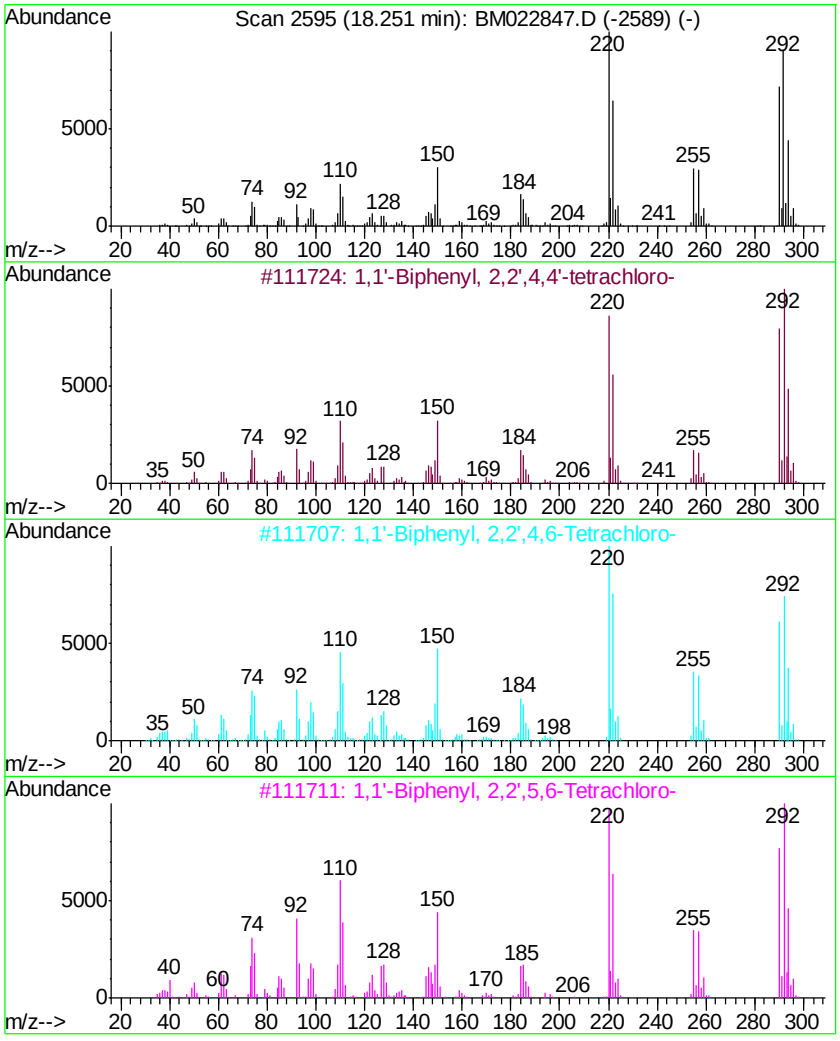
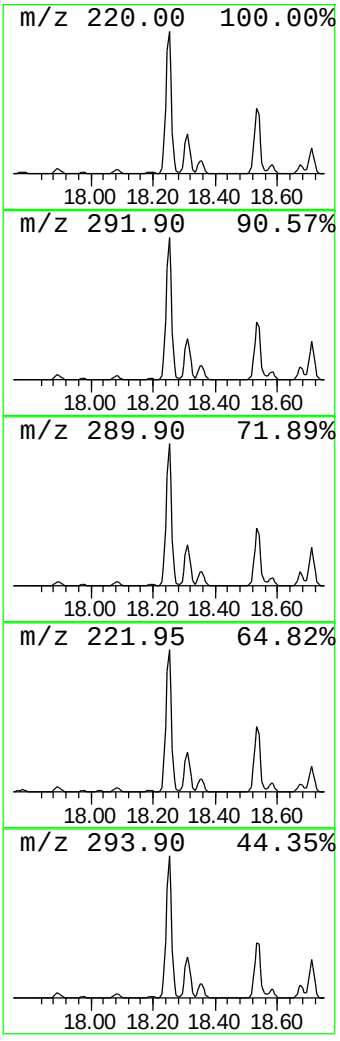
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	22.45 ng/ul	4034600	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, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Quant Title : SVOA CALIBRATION

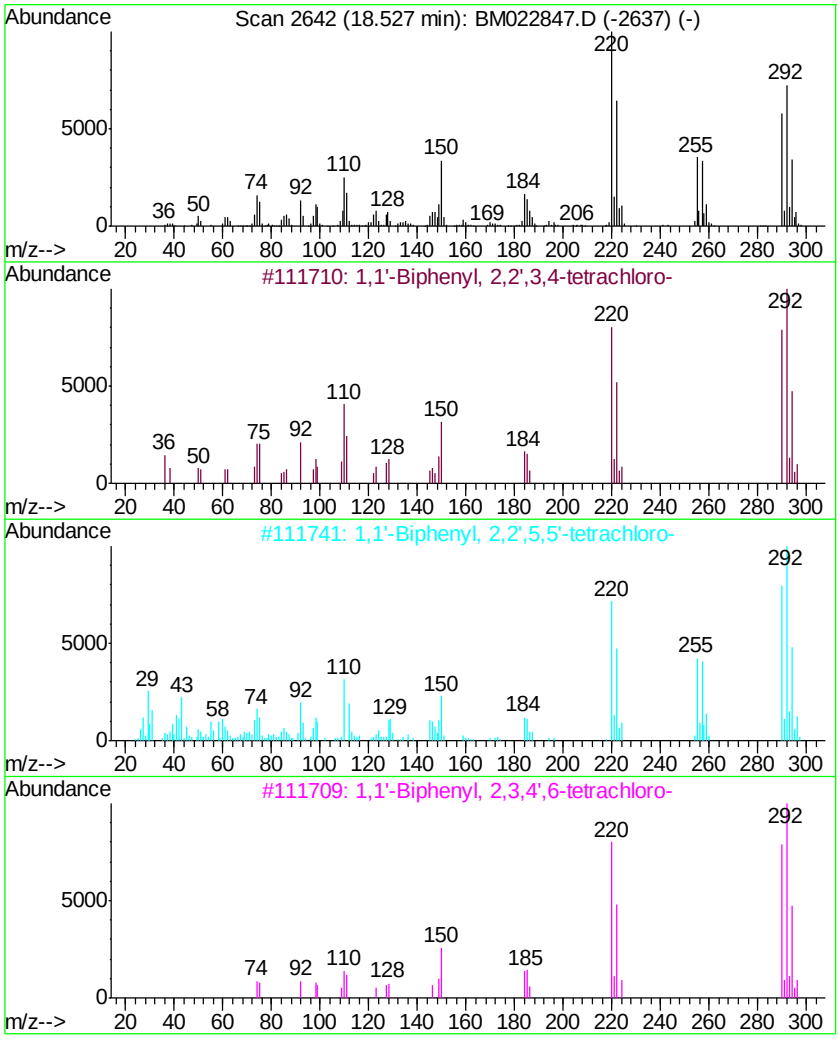
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

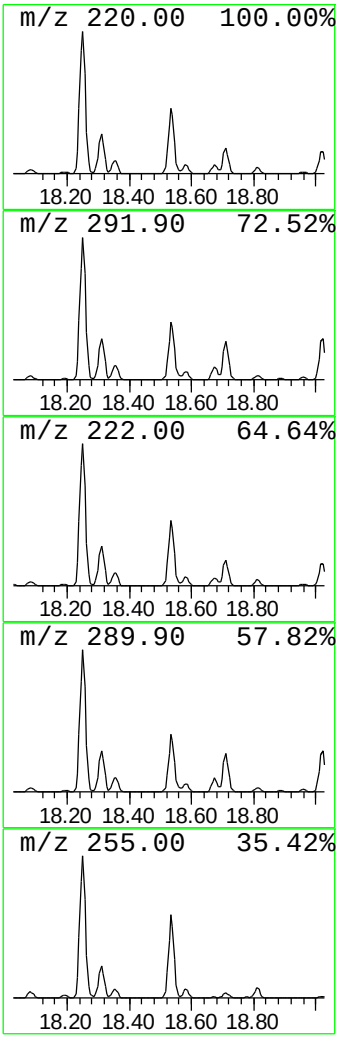
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	11.08 ng/ul	1990910	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, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 01 Oct 2019 05:37
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Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

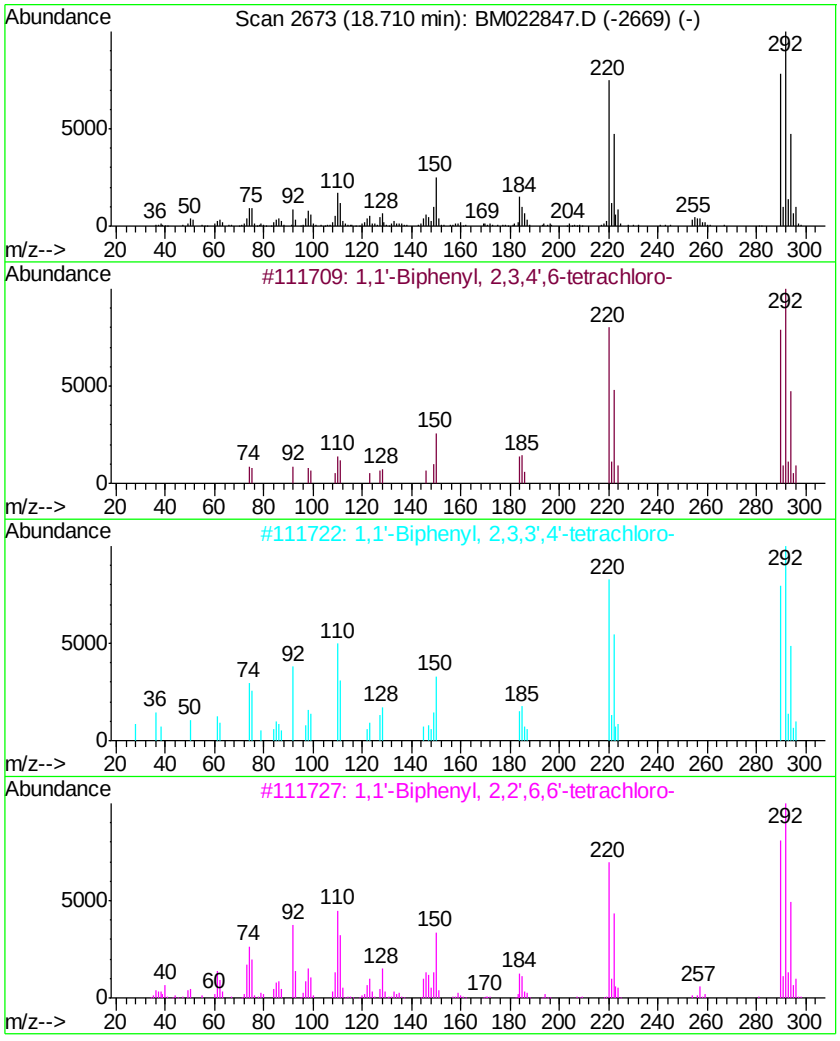
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

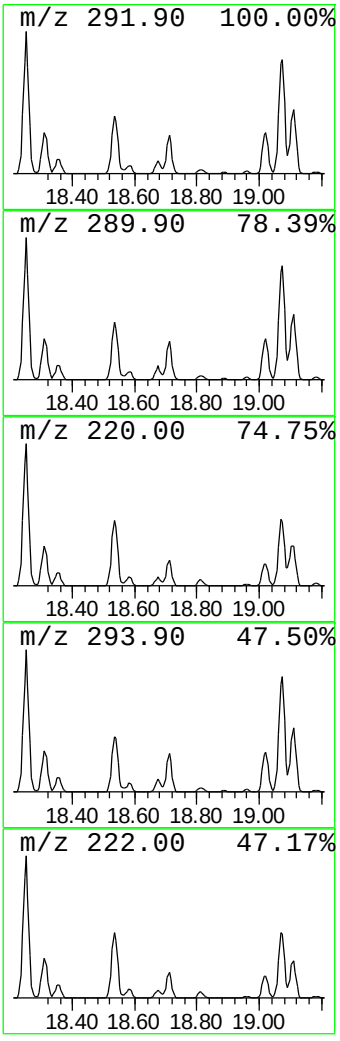
****

Peak Number 7 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	4.49 ng/ul	807219	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, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





Library Search Compound Report

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Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

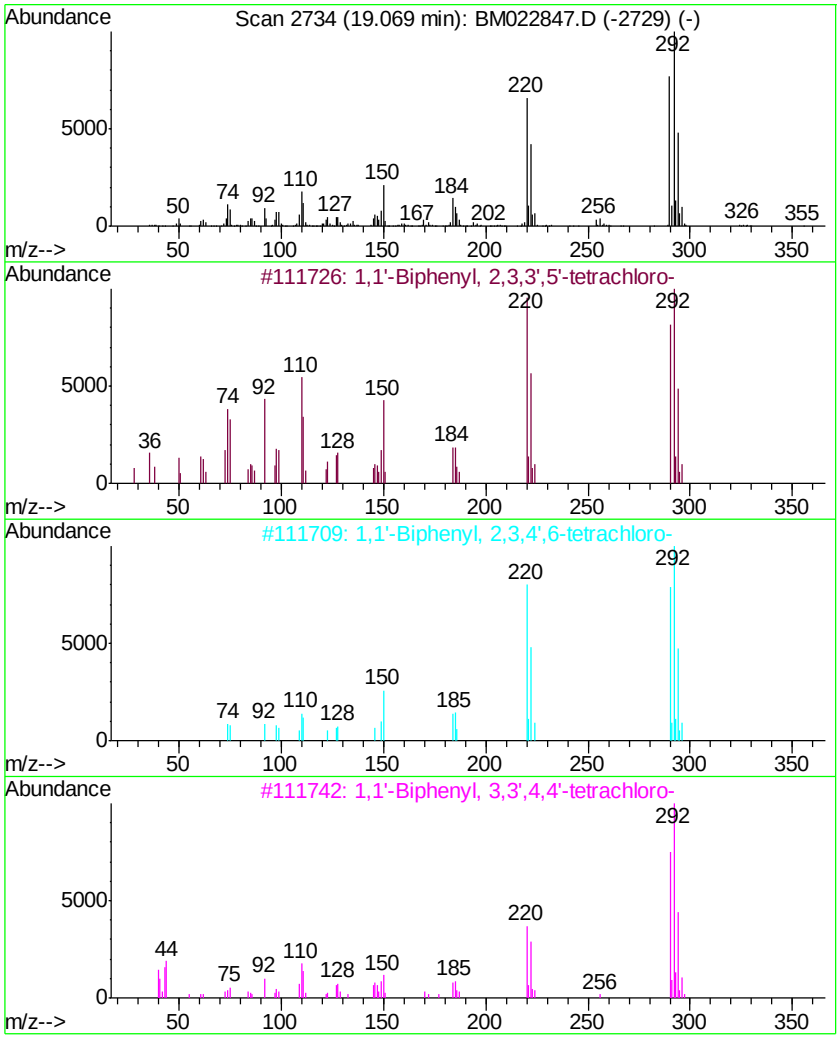
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

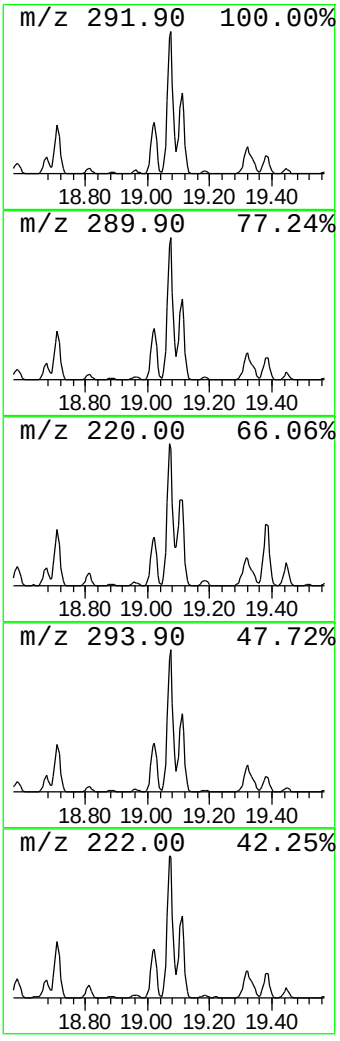
****

Peak Number 9 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	13.41 ng/ul	2409950	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, 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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Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

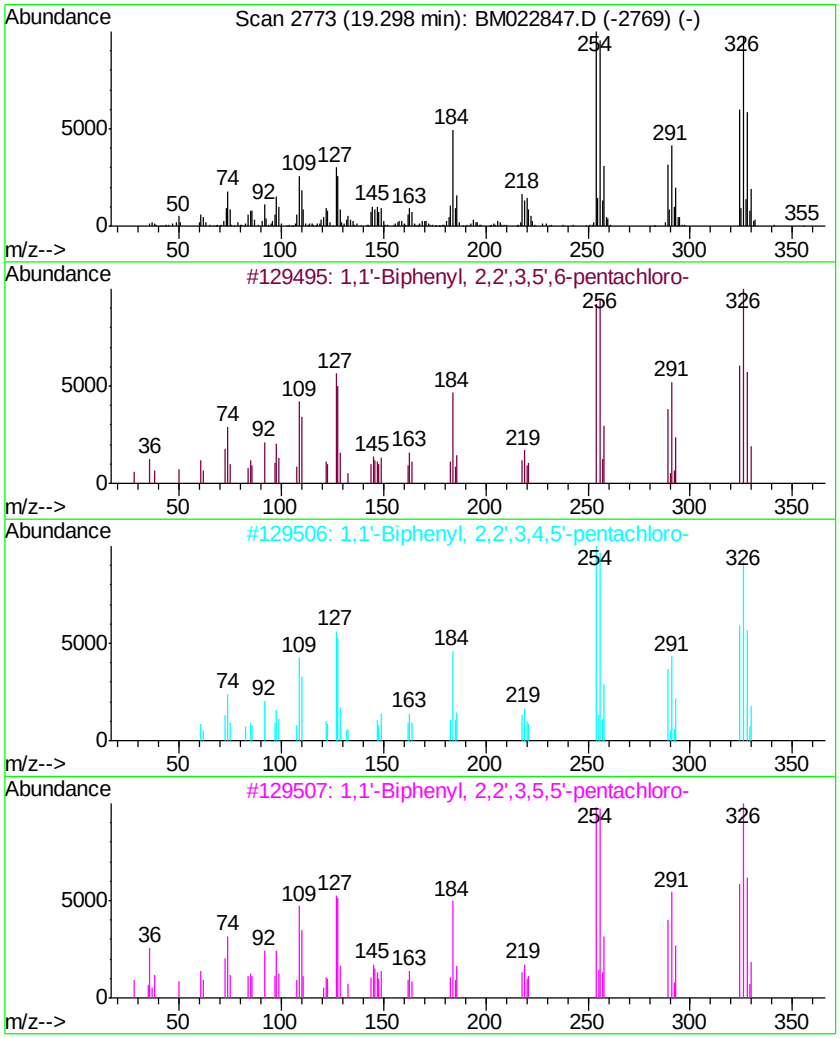
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

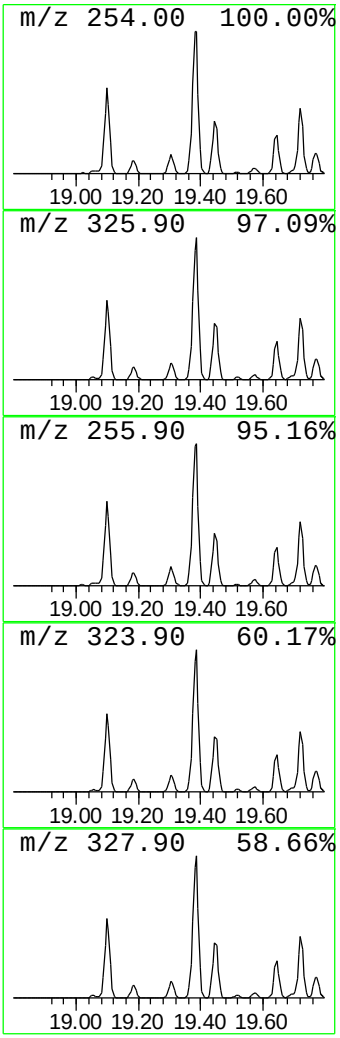
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	12.16 ng/ul	1821960	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

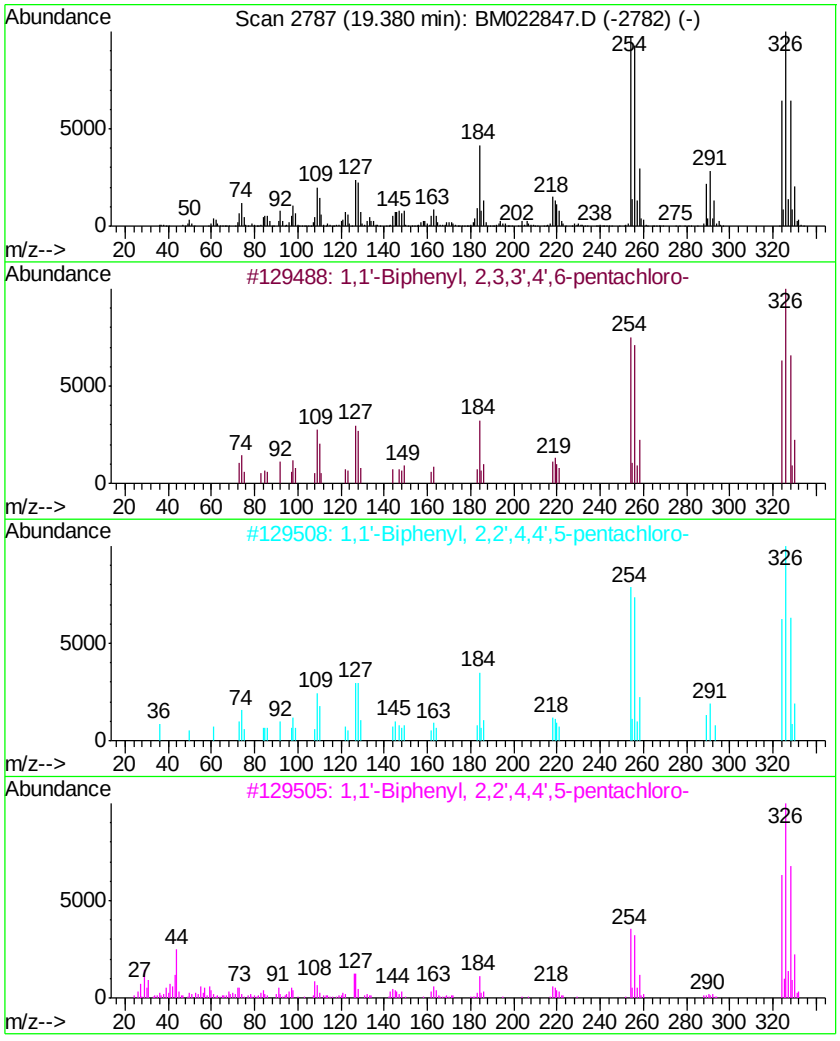
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

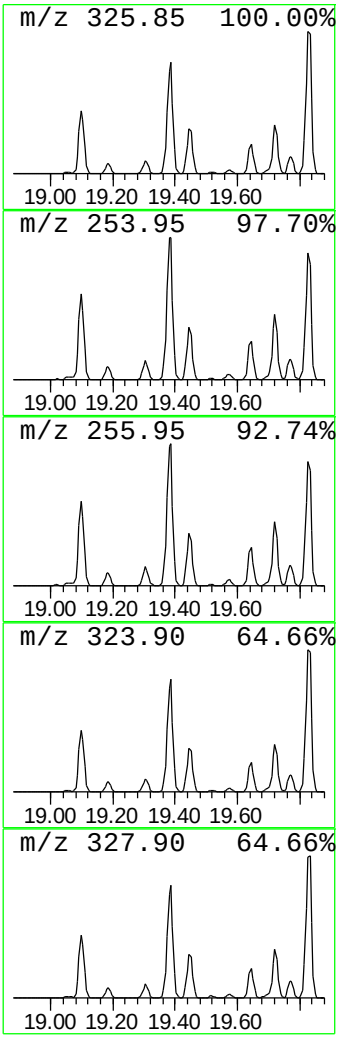
****

Peak Number 13 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	62.88 ng/ul	9417460	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, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

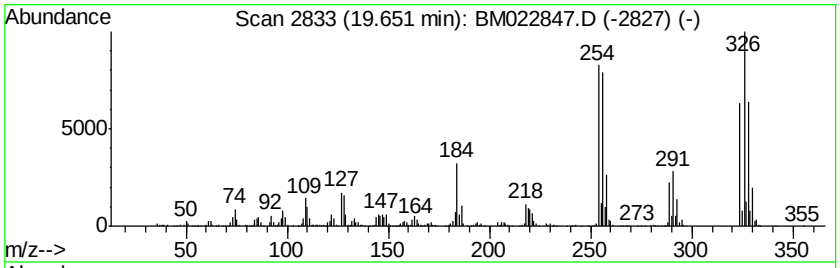
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

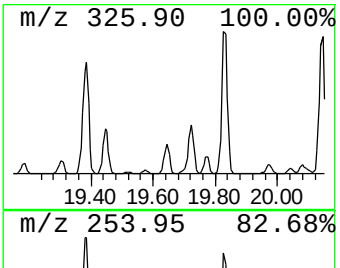
****

Peak Number 16 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	15.88 ng/ul	2378490	Chrysene-d12	21.36

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, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Library Search Compound Report

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Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

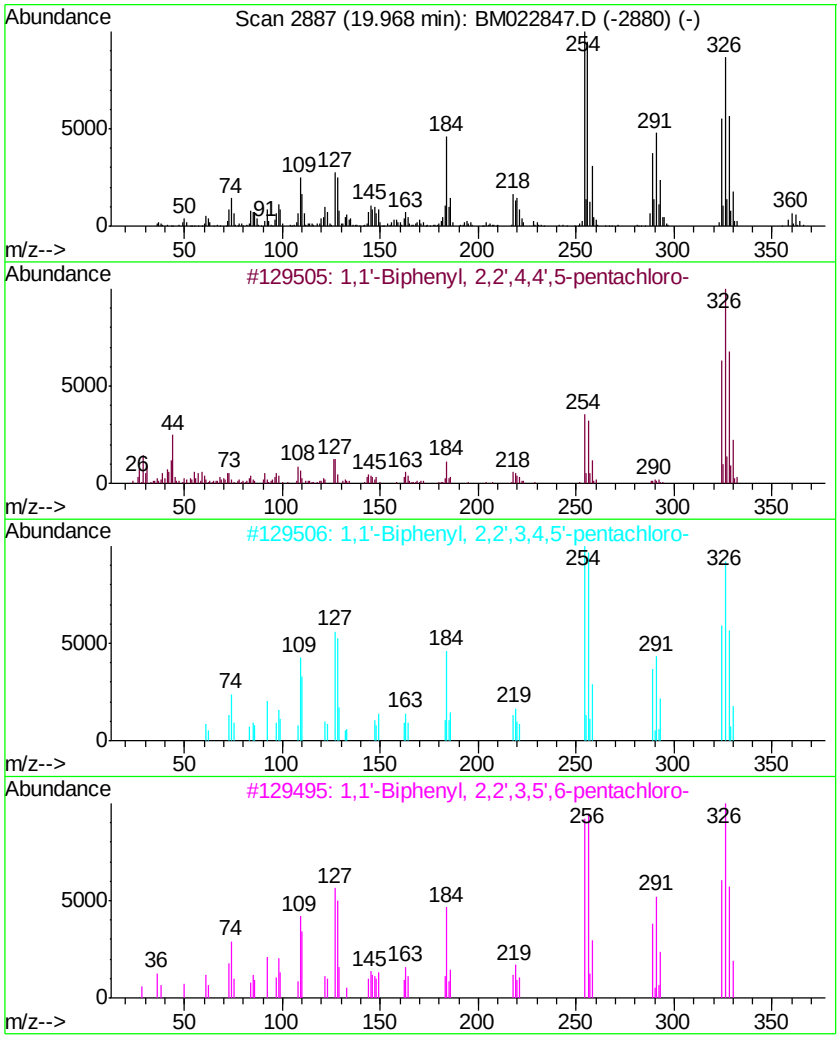
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

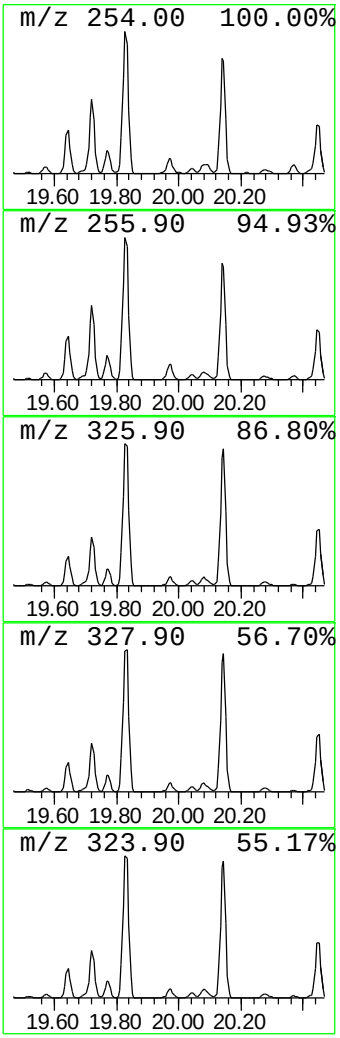
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	10.73 ng/ul	1607160	Chrysene-d12	21.36

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',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

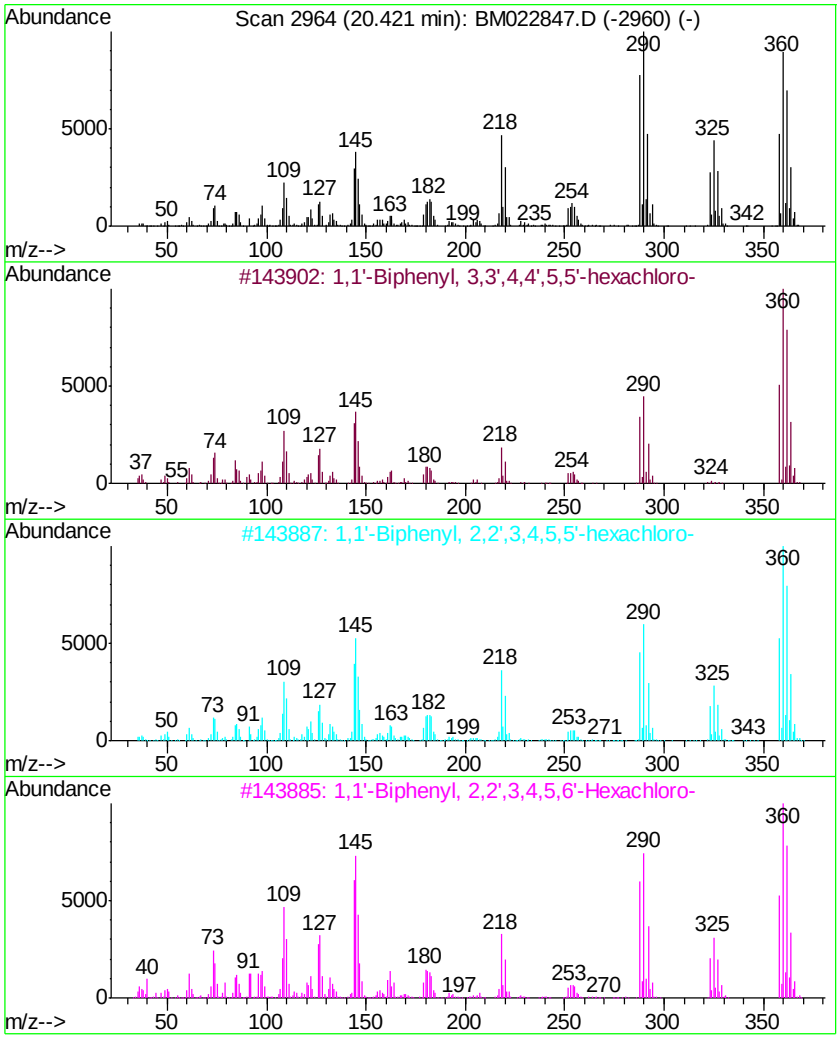
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

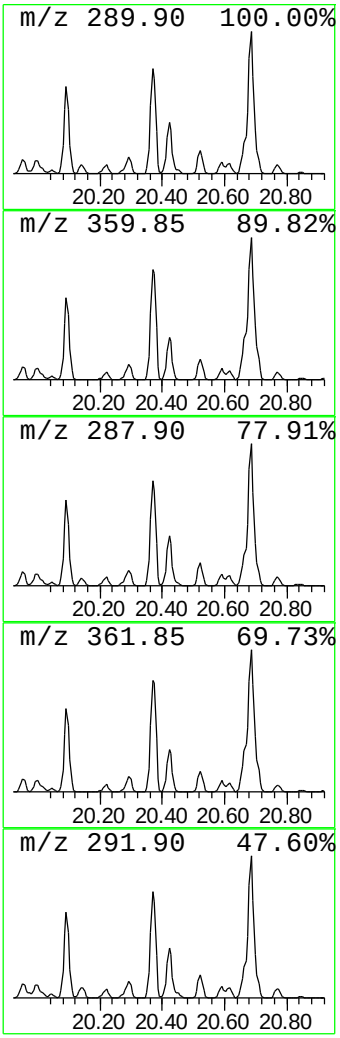
****

Peak Number 26 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	15.12 ng/ul	2264760	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, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	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',4,4'-he...	358	C12H4Cl6	038380-07-3	99





Library Search Compound Report

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Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

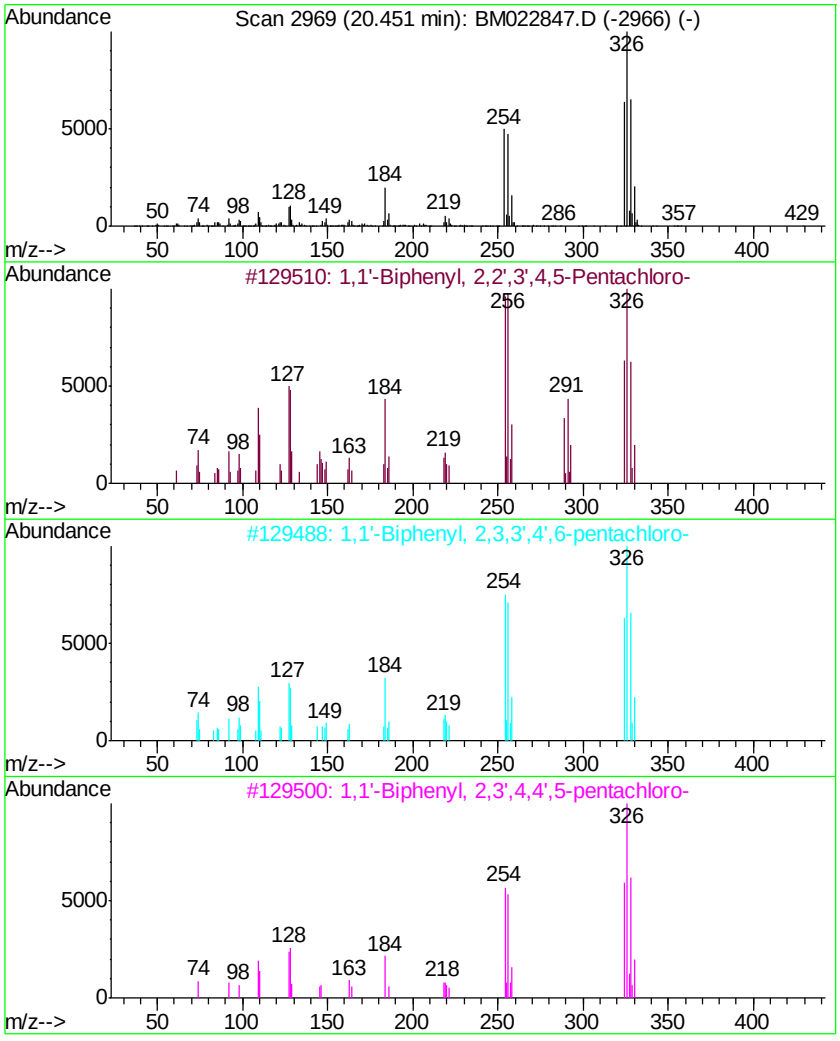
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

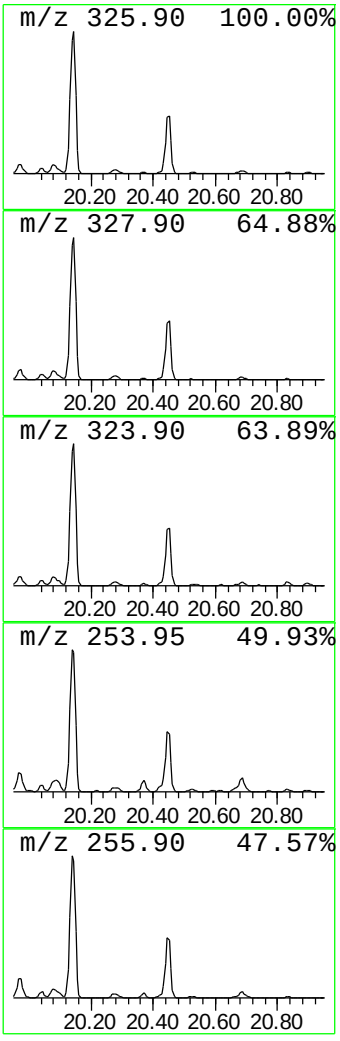
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	20.17 ng/ul	3021250	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	041464-51-1	97
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95





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Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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Quant Title : SVOA CALIBRATION

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

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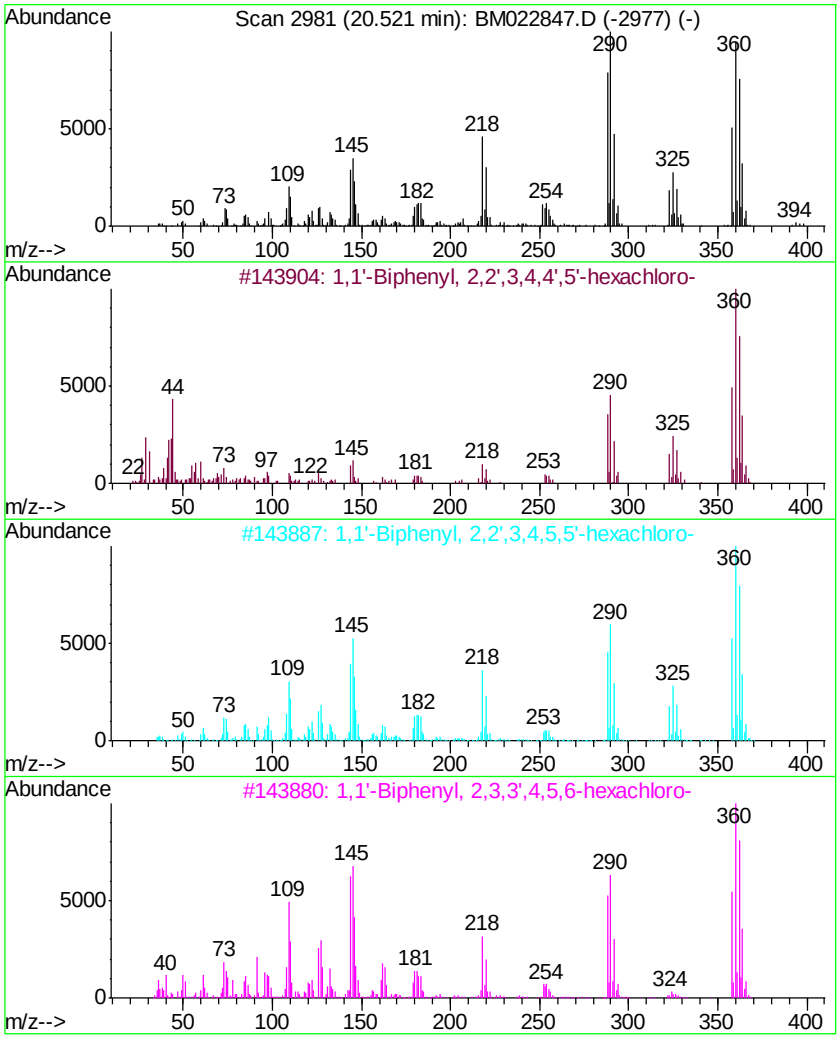
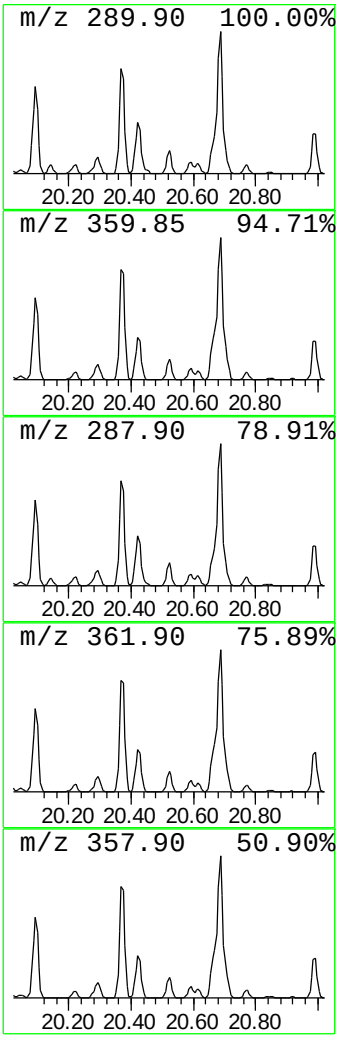
Peak Number 28 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	6.45 ng/ul	966747	Chrysene-d12	21.36

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, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Library Search Compound Report

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Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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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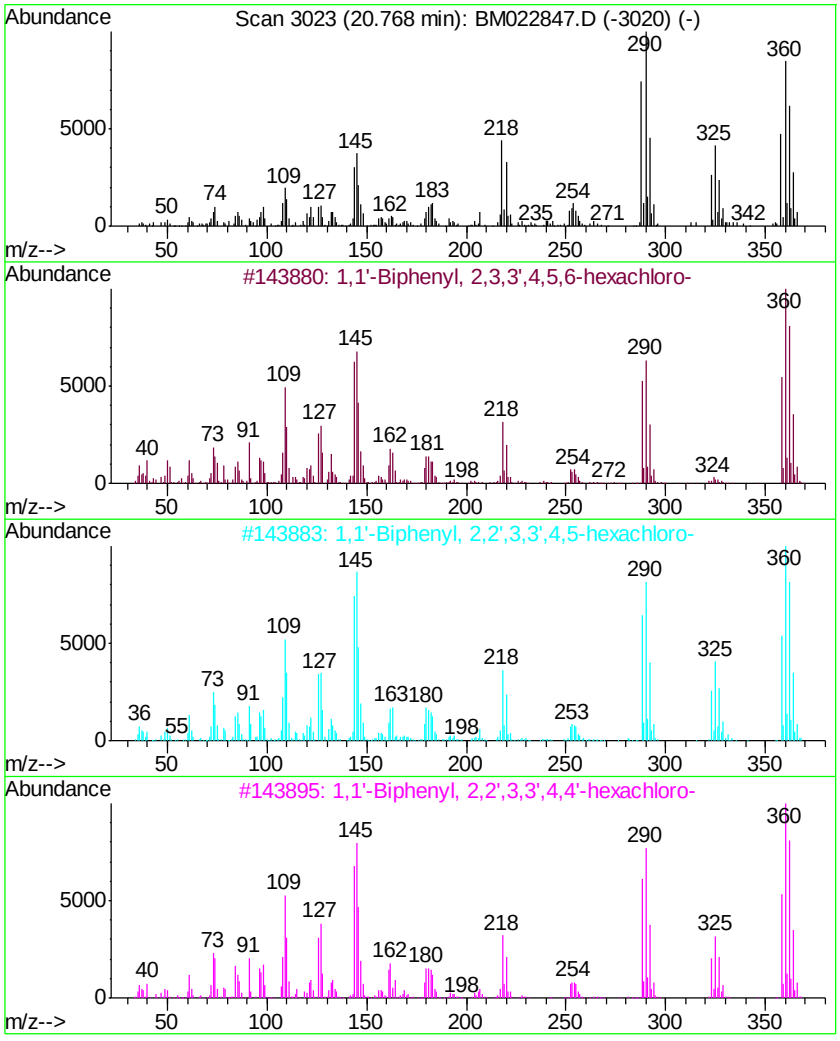
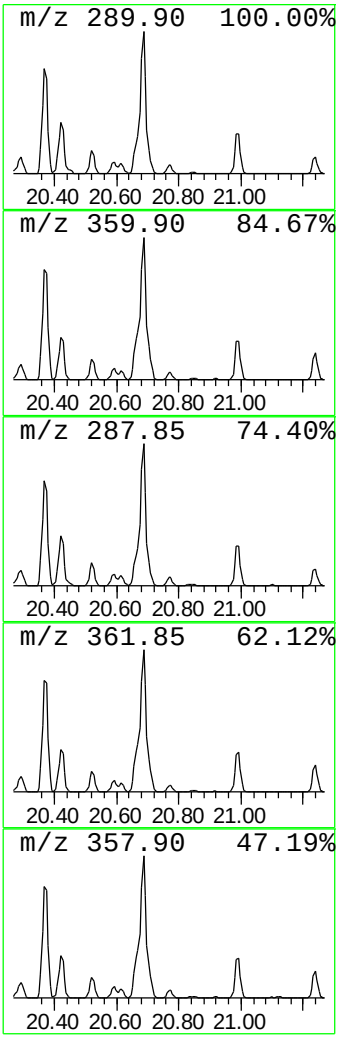
Peak Number 32 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.36 ng/ul	353899	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





Library Search Compound Report

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Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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Quant Title : SVOA CALIBRATION

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

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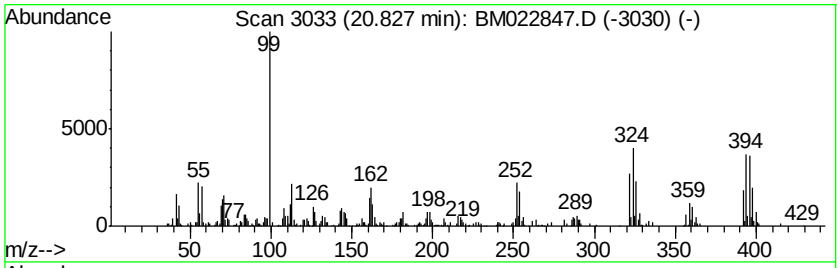
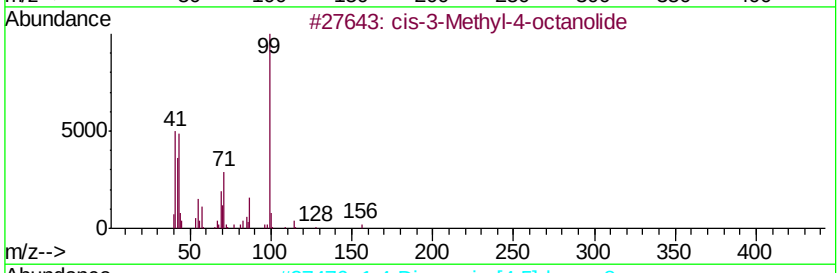
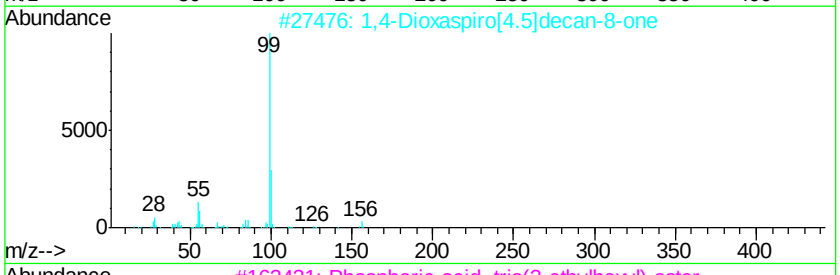
Peak Number 33 unknown-01 Concentration Rank 31

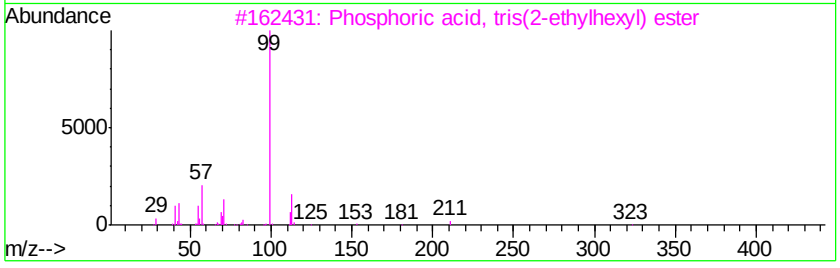
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.98 ng/ul	446900	Chrysene-d12	21.36

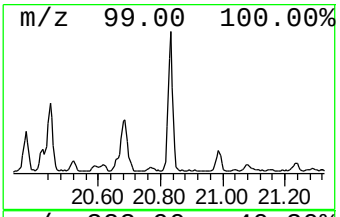
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	10
2	1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	10
3	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	10
4	Pyrrol-2(5H)-one, 4-acetyl-5-(2-...	363	C18H22ClN3O3	302566-40-1	10
5	2-Methyl-3-hexyl methylphosphono...	196	C8H18FO2P	345260-70-0	10

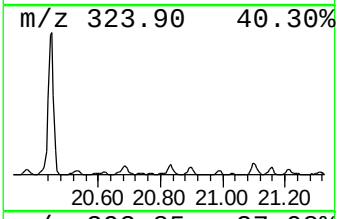


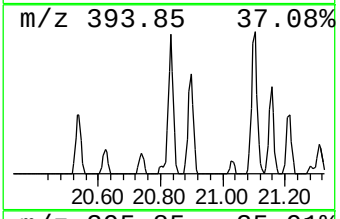


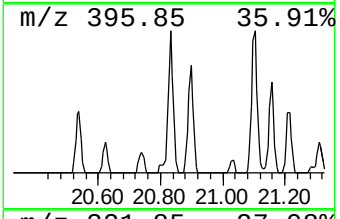


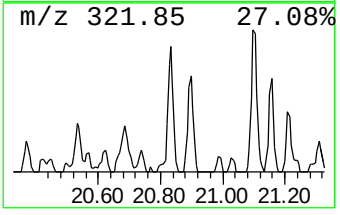












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

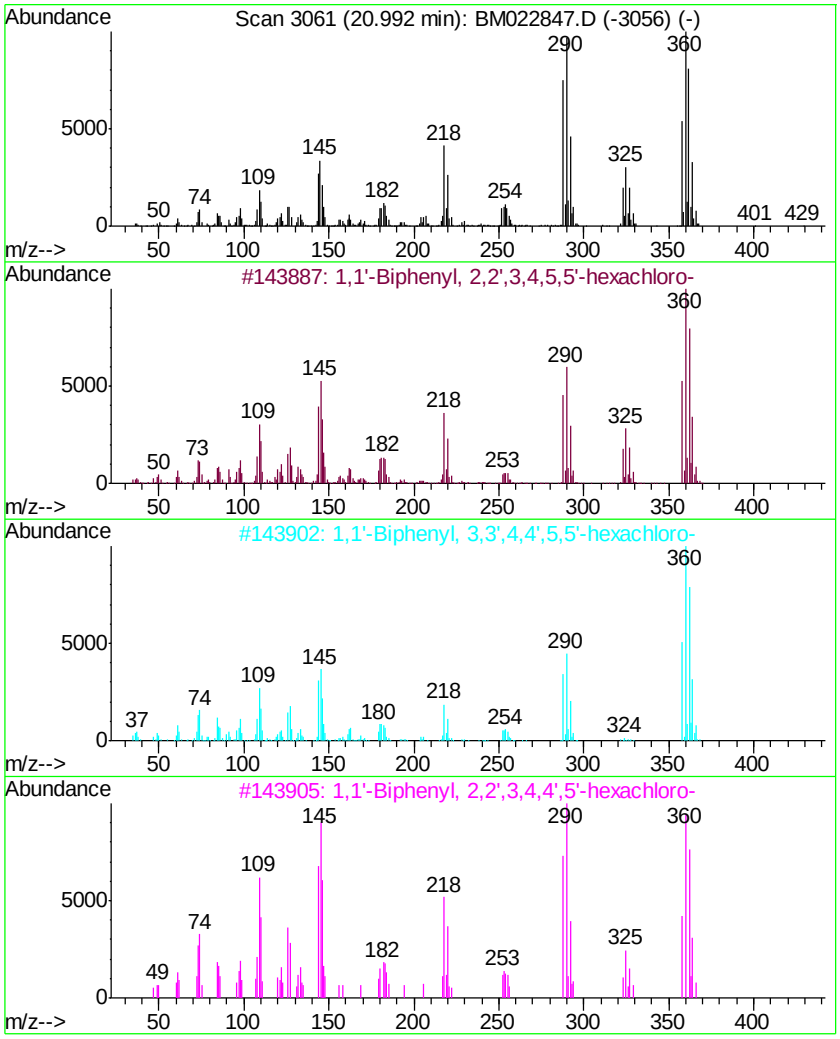
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

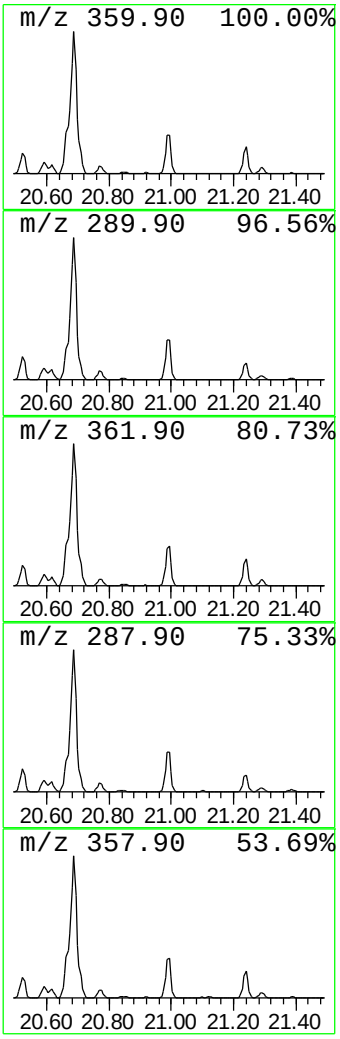
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	11.75 ng/ul	1760400	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, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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

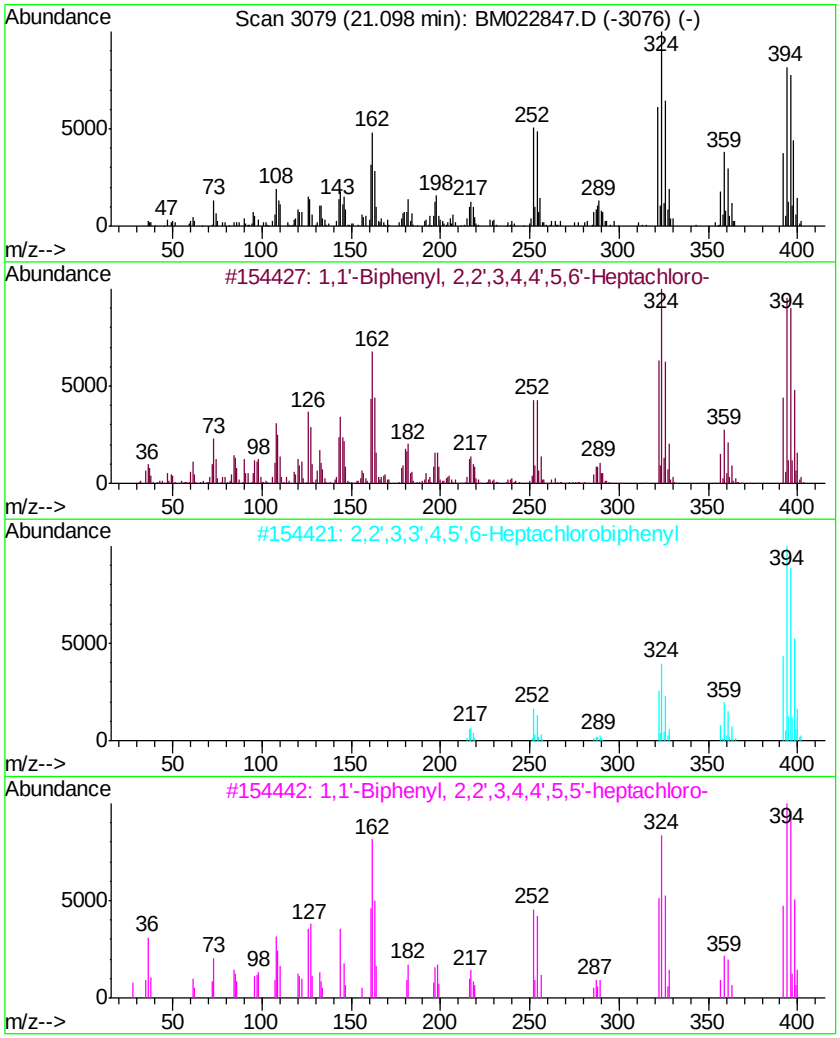
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

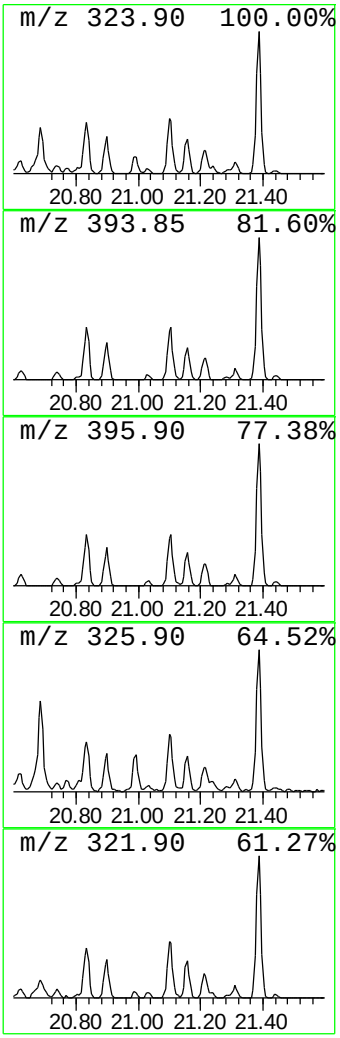
****

Peak Number 35 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.14 ng/ul	320624	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	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',5,5',6-...	392	C12H3Cl7	052663-67-9	99
5	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022847.D
Acq On : 01 Oct 2019 05:37
Operator : JU
Sample : K5027-04
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW6

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: Str...	3.19	6.4	ng/ul	466126	1	7.80	1463670	20.0
1,1'-Biphenyl, 2,...	17.78	4.7	ng/ul	848593	4	17.18	3594320	20.0
1,1'-Biphenyl, 2,...	18.25	22.4	ng/ul	4034600	4	17.18	3594320	20.0
1,1'-Biphenyl, 2,...	18.53	11.1	ng/ul	1990910	4	17.18	3594320	20.0
1,1'-Biphenyl, 2,...	18.71	4.5	ng/ul	807219	4	17.18	3594320	20.0
1,1'-Biphenyl, 2,...	19.07	13.4	ng/ul	2409950	4	17.18	3594320	20.0
1,1'-Biphenyl, 2,...	19.30	12.2	ng/ul	1821960	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	19.38	62.9	ng/ul	9417460	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	19.65	15.9	ng/ul	2378490	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	19.97	10.7	ng/ul	1607160	5	21.36	2995440	20.0
1,1'-Biphenyl, 3,...	20.42	15.1	ng/ul	2264760	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	20.45	20.2	ng/ul	3021250	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	20.52	6.5	ng/ul	966747	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	20.77	2.4	ng/ul	353899	5	21.36	2995440	20.0
unknown-01	20.83	3.0	ng/ul	446900	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	20.99	11.8	ng/ul	1760400	5	21.36	2995440	20.0
1,1'-Biphenyl, 2,...	21.10	2.1	ng/ul	320624	5	21.36	2995440	20.0