LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

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-BM102319MA.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	3.087	13	17	20	rVB	654796	699595	11.12%	1.244%
2	7.628	782	789	799	rBV	2155506	3338869	53.08%	5.939%
3	8.157	875	879	881	rBV4	6561	7294	0.12%	0.013%
4	10.410	1254	1262	1272	rBV	2622200	4381074	69.65%	7.792%
5	13.769	1831	1833	1839	rVB7	5753	7973	0.13%	0.014%
6	13.963	1861	1866	1869	rBV5	7197	10775	0.17%	0.019%
7	14.280	1913	1920	1928	rBV	3596707	5320924	84.60%	9.464%
8	14.410	1937	1942	1947	rBV	52551	74179	1.18%	0.132%
9	15.221	2075	2080	2086	rBV	17419	22789	0.36%	0.041%
10	15.280	2086	2090	2094	rVB4	8061	13175	0.21%	0.023%
11	15.327	2094	2098	2101	rBV6	4721	7715	0.12%	0.014%
12	15.410	2109	2112	2114	rBV3	4345	6301	0.10%	0.011%
13	15.545	2127	2135	2140	rBV	335094	465638	7.40%	0.828%
14	15.657	2151	2154	2157	rVB5	6101	6834	0.11%	0.012%
15	15.880	2189	2192	2196	rVB6	5604	7688	0.12%	0.014%
16	15.980	2204	2209	2215	rBV	85195	112822	1.79%	0.201%
17	16.151	2233	2238	2244	rBV	153139	204575	3.25%	0.364%
18	16.263	2251	2257	2263	rBV	737992	1011678	16.08%	1.799%
19	16.563	2304	2308	2314	rBV2	92132	117528	1.87%	0.209%
20	16.816	2346	2351	2355	rVB3	16004	20993	0.33%	0.037%
21	16.910	2362	2367	2371	rBV	966853	1324739	21.06%	2.356%
22	16.945	2371	2373	2379	rVB	342558	436116	6.93%	0.776%
23	17.021	2379	2386	2400	rBV2	3903535	5958410	94.73%	10.598%
24	17.121	2400	2403	2407	rVB4	15928	21648	0.34%	0.039%
25	17.204	2411	2417	2423	rBV2	512860	769996	12.24%	1.370%
26	17.404	2448	2451	2453	rVB3	12905	11800	0.19%	0.021%
27	17.427	2453	2455	2460	rBV5	5946	8037	0.13%	0.014%
28	17.486	2460	2465	2468	rVV	147501	203178	3.23%	0.361%
29	17.515	2468	2470	2475	rVB2	67893	75684	1.20%	0.135%
30	17.627	2482	2489	2499	rVB2	1030833	2087962	33.20%	3.714%
31	17.757	2505	2511	2518	rBV	632501	924690	14.70%	1.645%
32	17.827	2520	2523	2527	rVB5	31833	38796	0.62%	0.069%
33	17.880	2527	2532	2537	rBV	317196	418396	6.65%	0.744%
34	17.939	2537	2542	2548	rBV3	156717	223632	3.56%	0.398%

LSC Area Percent Report

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Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

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-BM102319MA.M
Title : SVOA CALIBRATION

35	18.045	2556	2560	2565	rVB4	40969	51628	0.82%	0.092%
36	18.104	2565	2570	2576	rBV	448700	599501	9.53%	1.066%
37	18.162	2576	2580	2584	rVV	303005	399745	6.36%	0.711%
38	18.210	2584	2588	2592	rVB	250143	333031	5.29%	0.592%
39	18.386	2613	2618	2623	rBV	383715	553803	8.80%	0.985%
40	18.433	2623	2626	2631	rVV2	128113	183408	2.92%	0.326%
41	18.492	2631	2636	2639	rVV	78300	113834	1.81%	0.202%
42	18.533	2639	2643	2645	rVV	106349	138823	2.21%	0.247%
43	18.562	2645	2648	2653	rVB	231725	310928	4.94%	0.553%
44	18.668	2662	2666	2670	rVB3	63141	79455	1.26%	0.141%
45	18.739	2676	2678	2681	rBV4	11728	10187	0.16%	0.018%
46	18.880	2698	2702	2706	rBV6	35010	45147	0.72%	0.080%
47	18.927	2706	2710	2712	rVV3	69598	98563	1.57%	0.175%
48	18.957	2712	2715	2721	rVB3	255573	347914	5.53%	0.619%
49	19.074	2733	2735	2736	rBV	15877	12026	0.19%	0.021%
50	19.168	2748	2751	2755	rBV5	28821	38124	0.61%	0.068%
51	19.245	2759	2764	2768	rVV	277253	373589	5.94%	0.664%
52	19.580	2818	2821	2826	rBV6	49146	65001	1.03%	0.116%
53	19.668	2832	2836	2838	rBV4	148913	201839	3.21%	0.359%
54	19.815	2857	2861	2865	rBV	262422	337066	5.36%	0.600%
55	19.862	2865	2869	2875	rVV4	101836	180623	2.87%	0.321%
56	19.956	2880	2885	2889	rVV	679082	842047	13.39%	1.498%
57	20.004	2890	2893	2899	rVB6	69331	97726	1.55%	0.174%
58	20.156	2916	2919	2923	rVB4	94408	101295	1.61%	0.180%
59	20.233	2928	2932	2937	rBV	775952	882975	14.04%	1.571%
60	20.286	2937	2941	2945	rBV2	191184	249990	3.97%	0.445%
61	20.392	2954	2959	2964	rBV5	266318	480293	7.64%	0.854%
62	20.551	2979	2986	2992	rVB2	395608	730463	11.61%	1.299%
63	20.698	3007	3011	3015	rVB2	462961	545697	8.68%	0.971%
64	20.762	3019	3022	3025	rVV4	192214	216639	3.44%	0.385%
65	20.968	3053	3057	3061	rBV	546855	661112	10.51%	1.176%
66	21.021	3062	3066	3072	rVB2	267809	436278	6.94%	0.776%
67	21.215	3094	3099	3103	rBV	4804864	5736812	91.21%	10.204%
68	21.250	3103	3105	3110	rVB	854184	979522	15.57%	1.742%
69	21.562	3155	3158	3164	rBV3	301021	384185	6.11%	0.683%
70	21.833	3201	3204	3209	rBV	393161	466038	7.41%	0.829%
71	22.292	3279	3282	3287	rVB	663861	844551	13.43%	1.502%

LSC Area Percent Report

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Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

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-BM102319MA.M
Title : SVOA CALIBRATION

72	22.792	3364	3367	3376	rVB	811462	1219410	19.39%	2.169%
73	23.356	3459	3463	3466	rBV	692547	1056017	16.79%	1.878%
74	23.409	3467	3472	3481	rVB2	3468742	6289788	100.00%	11.187%
75	23.991	3567	3571	3579	rVB	649982	1185387	18.85%	2.108%

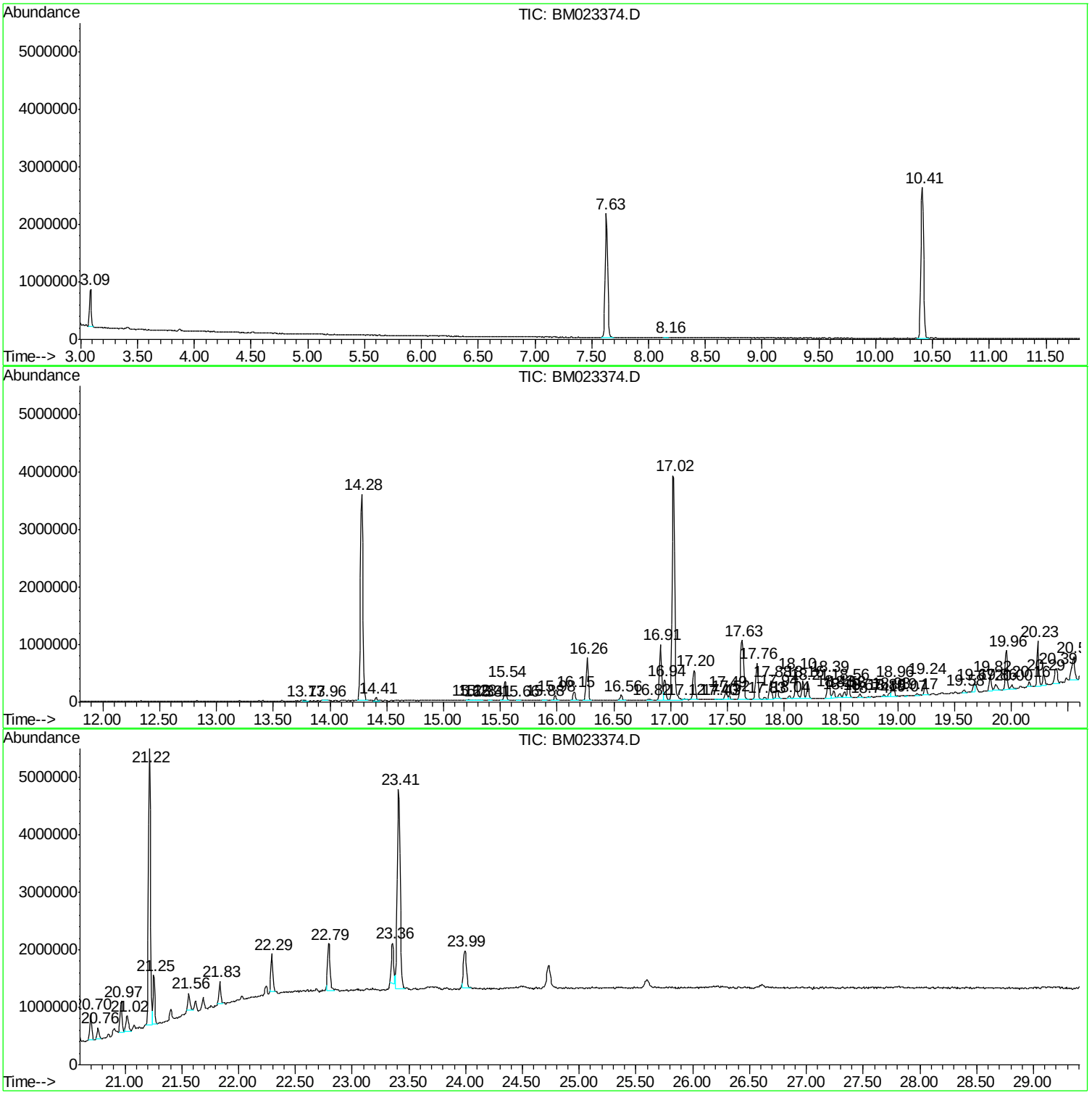
Sum of corrected areas: 56221963

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

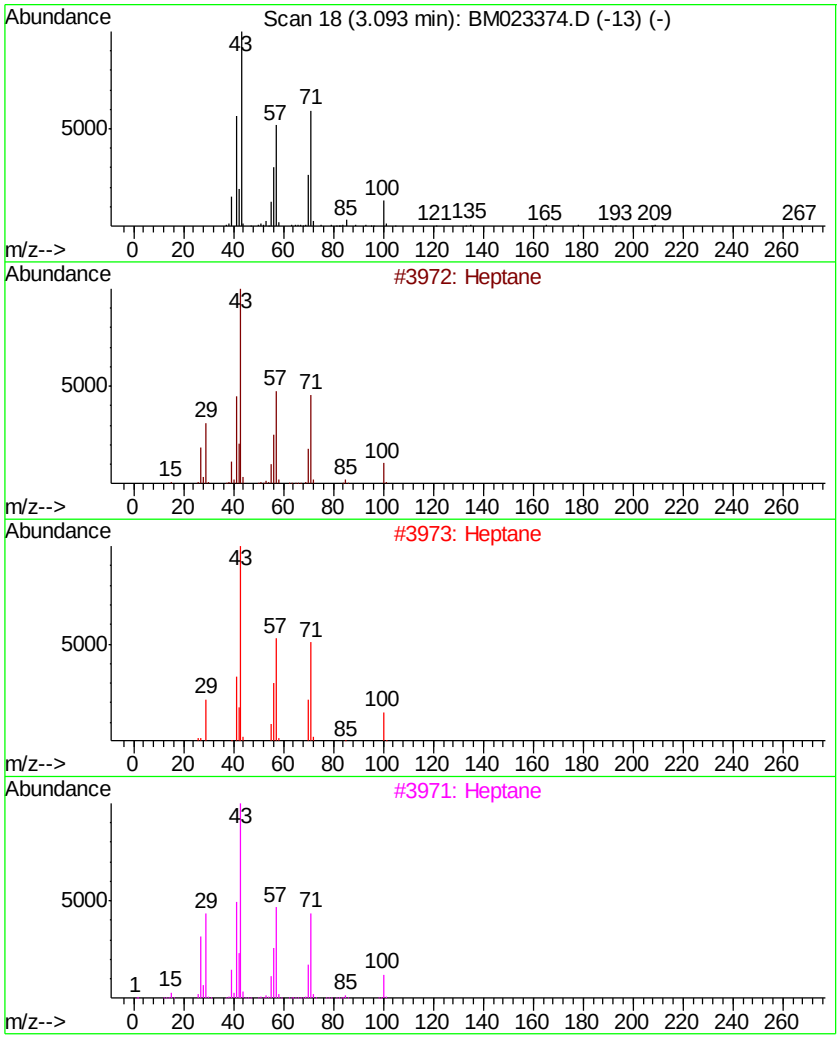
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

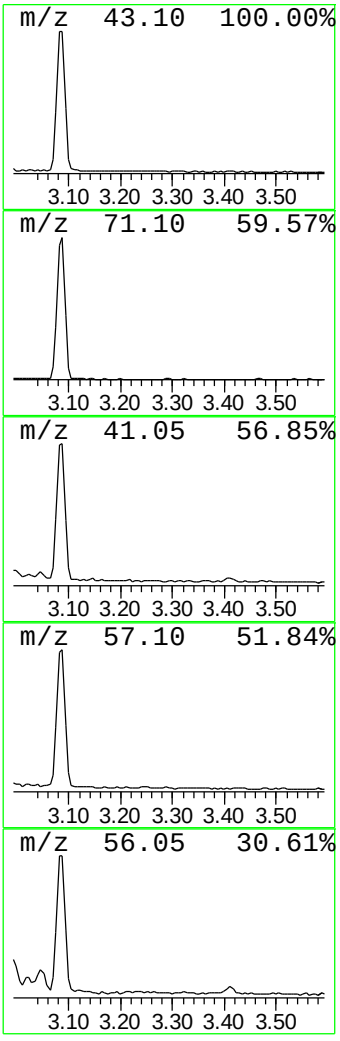
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	4.19 ng/ul	699595	1,4-Dichlorobenzene-d4	7.63

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	83
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

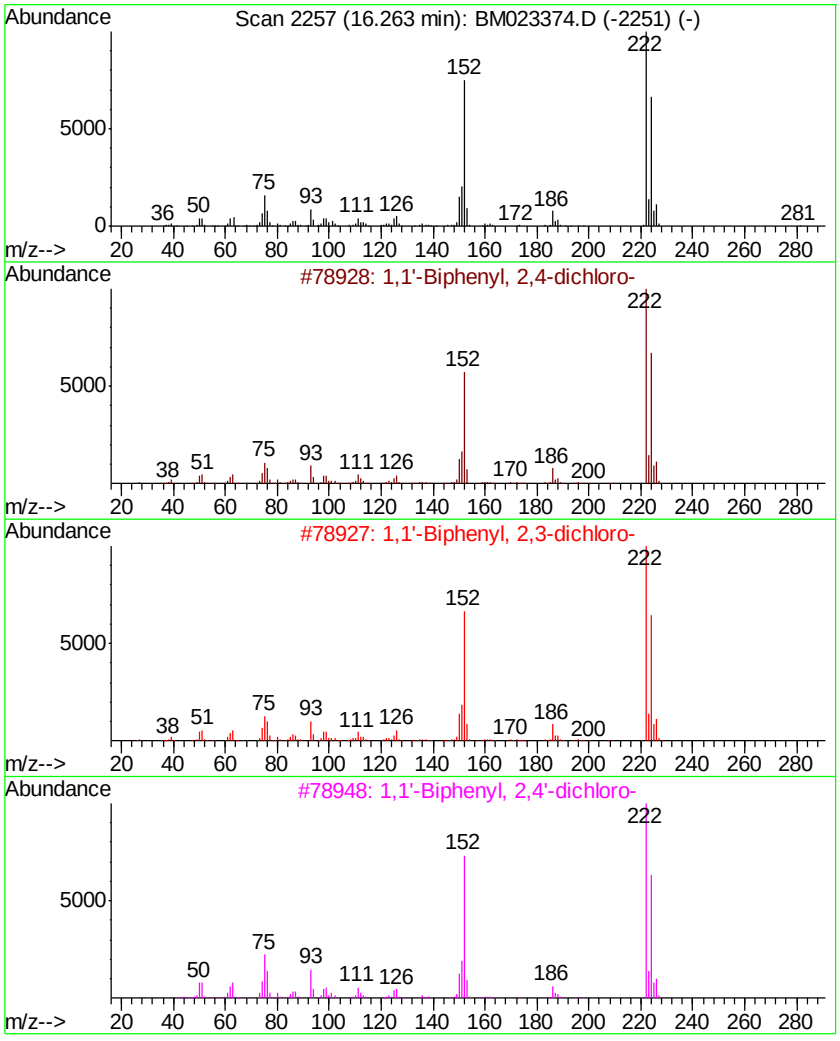
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

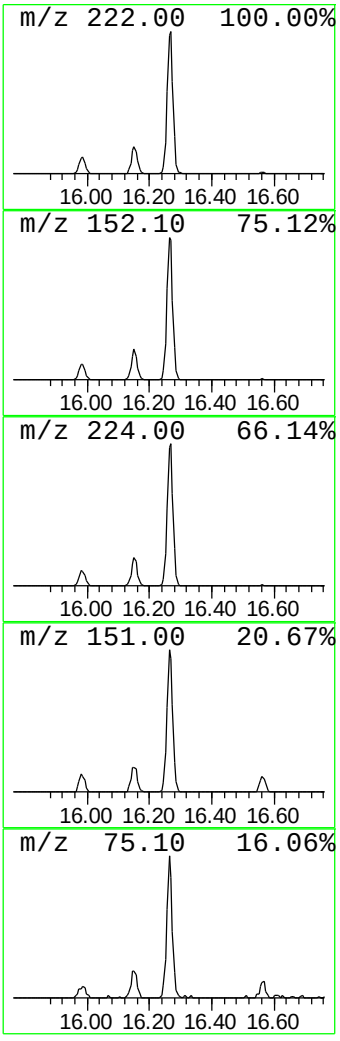
****

Peak Number 2 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	3.40 ng/ul	1011680	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

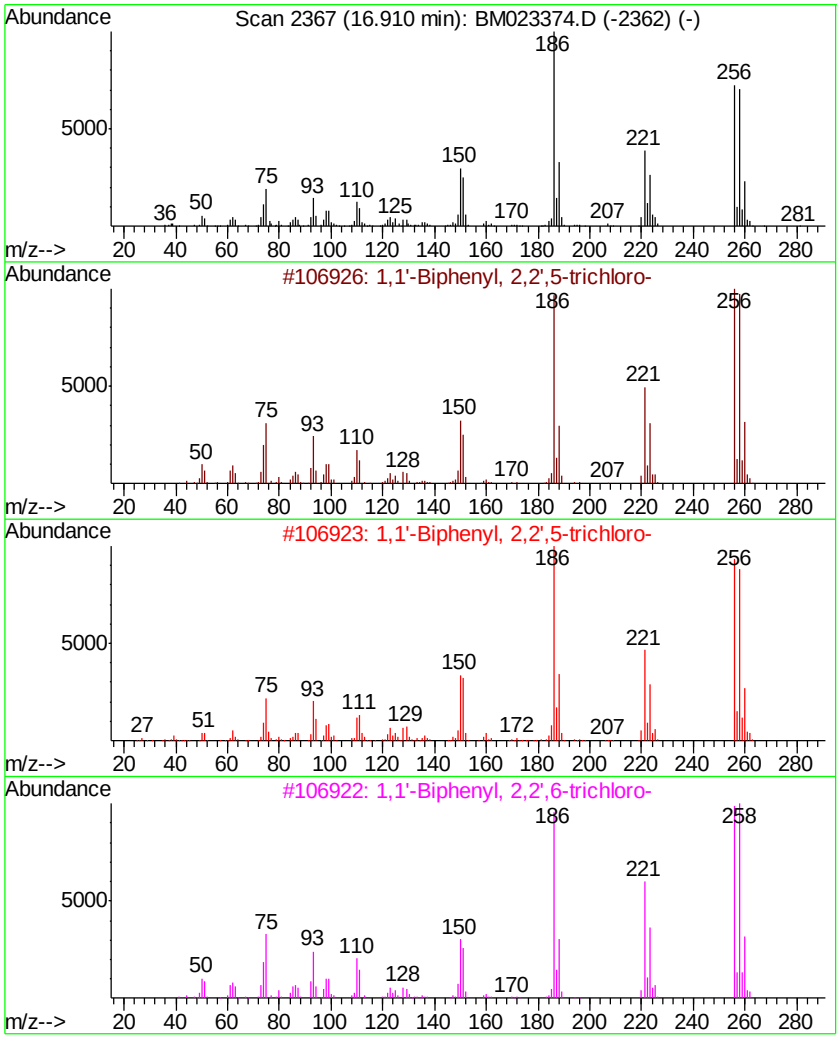
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

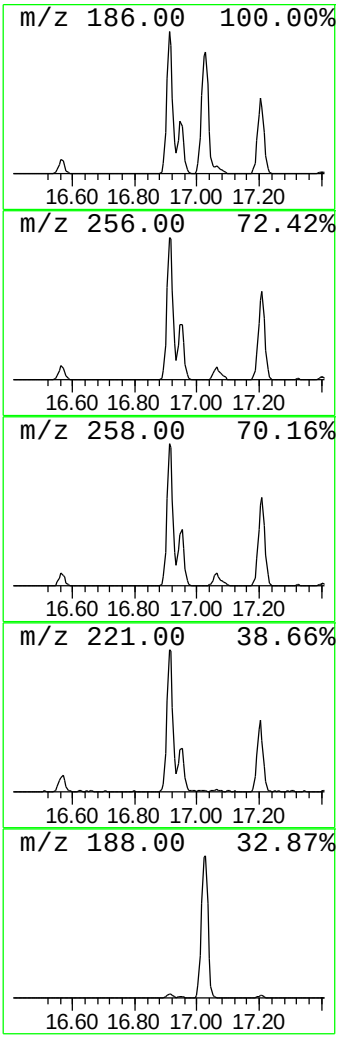
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	4.45 ng/ul	1324740	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Library Search Compound Report

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Data File : BM023374.D
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Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

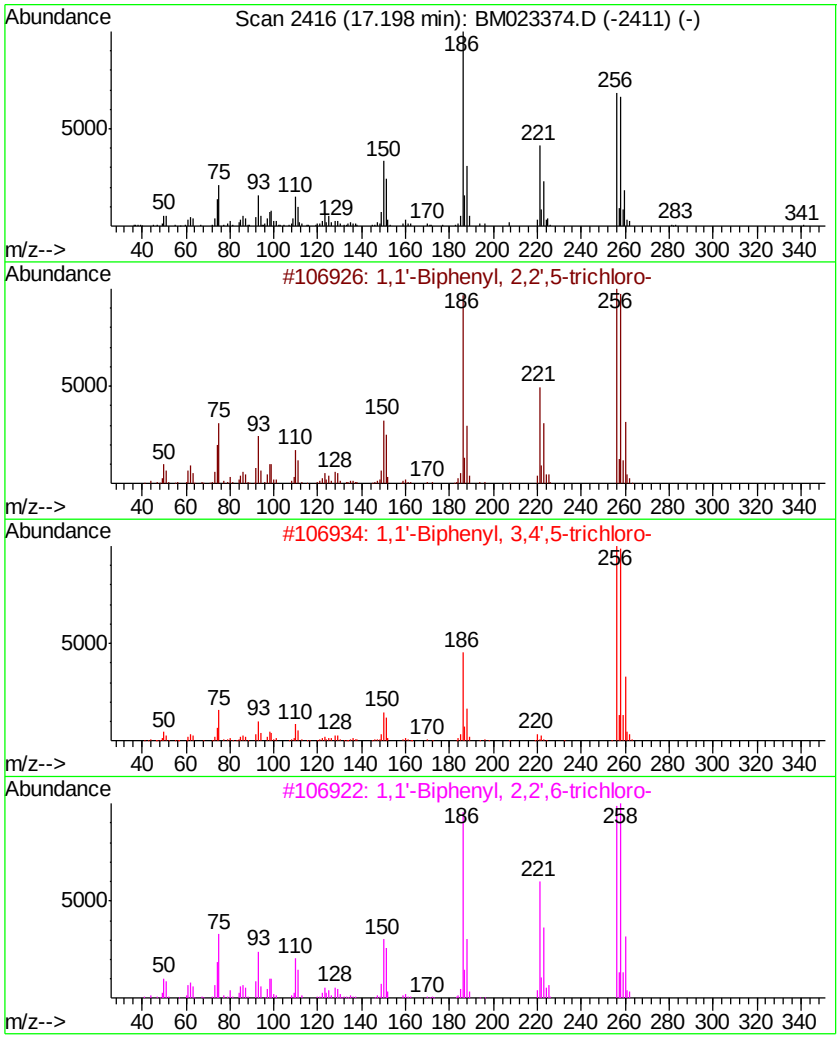
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

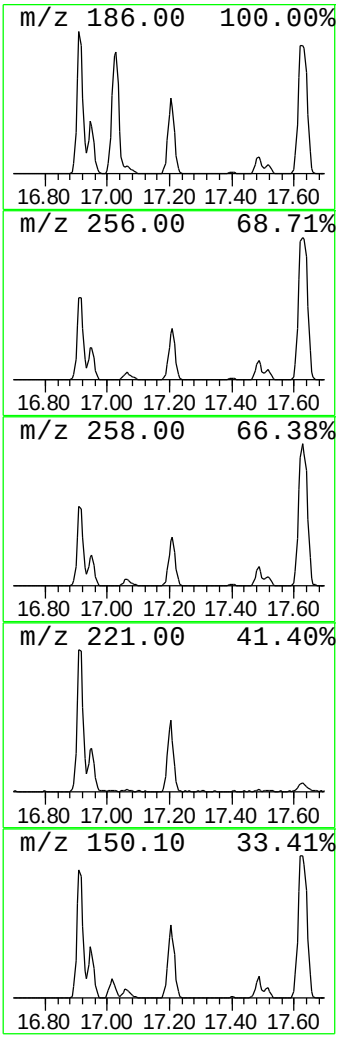
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.58 ng/ul	769996	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99





Library Search Compound Report

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Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

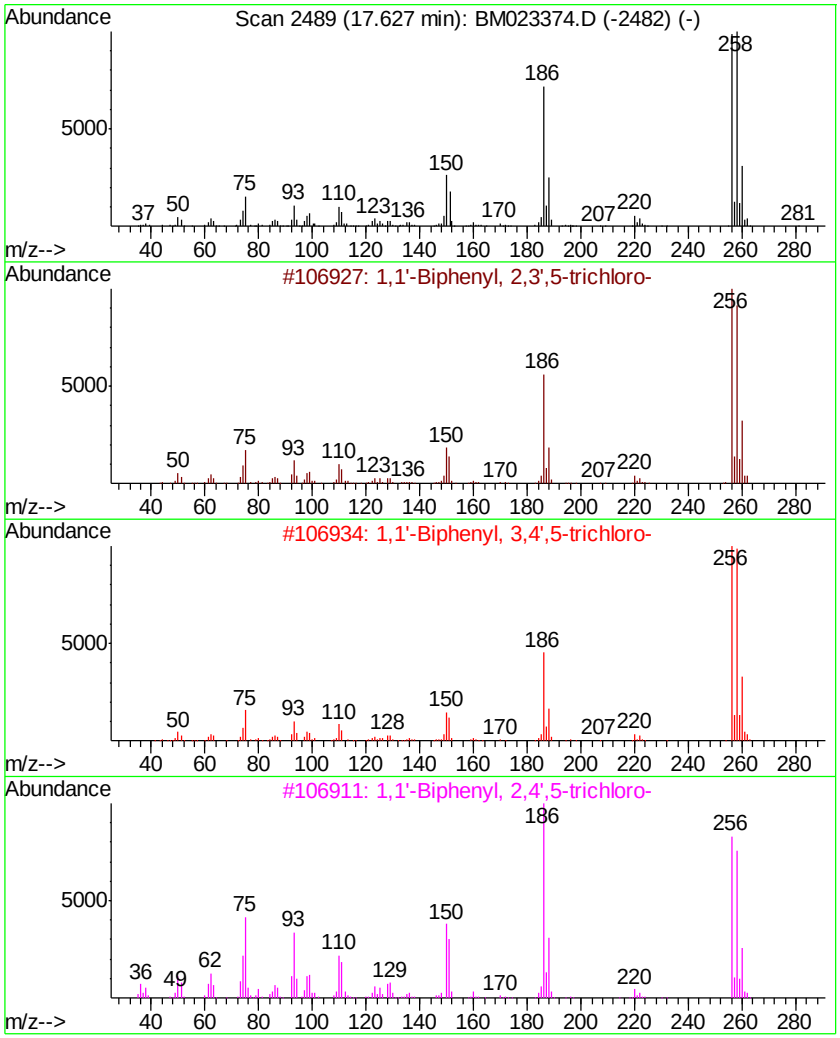
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

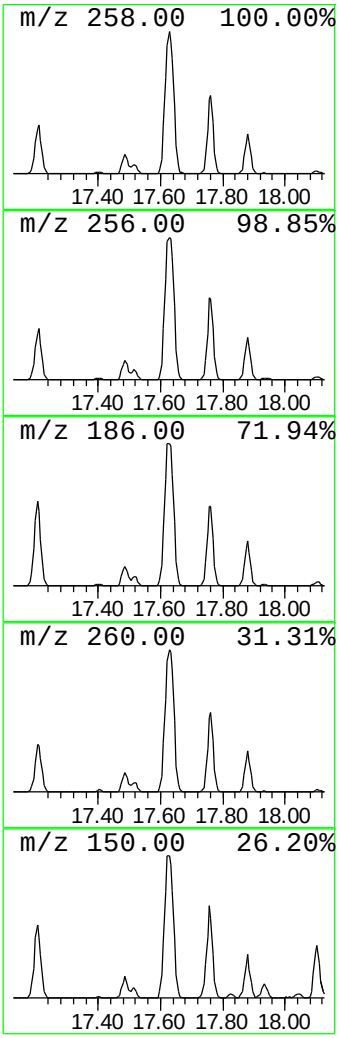
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	7.01 ng/ul	2087960	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

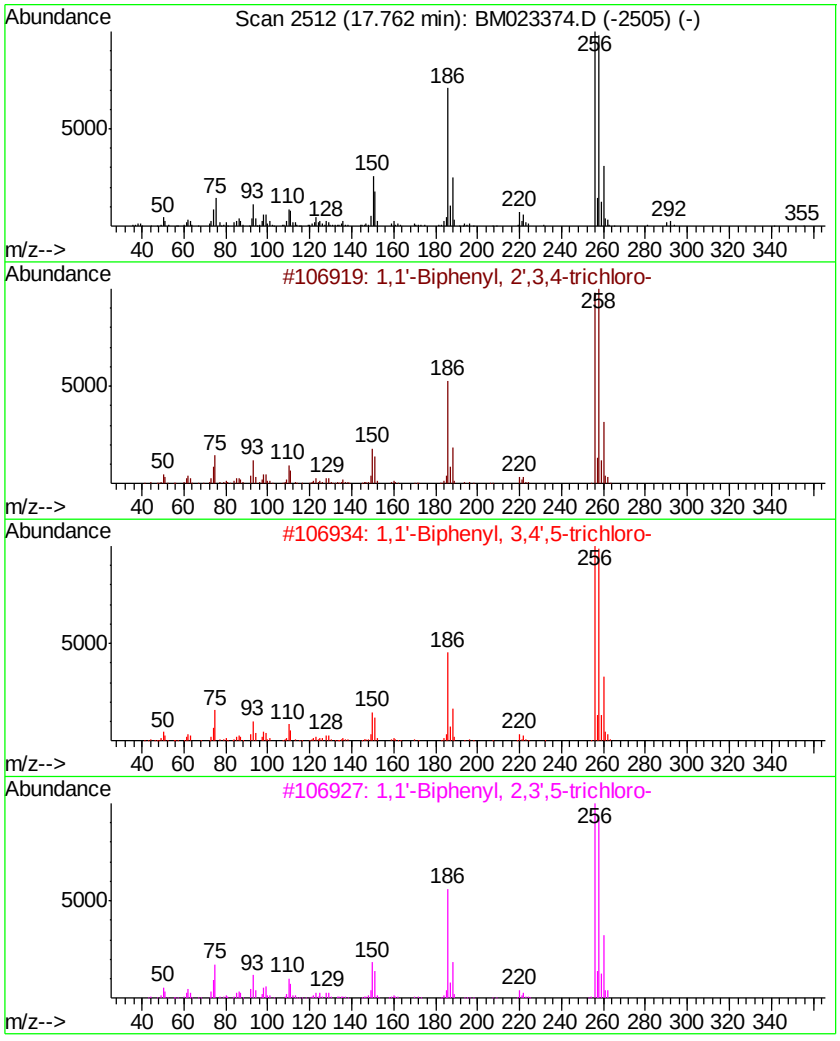
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

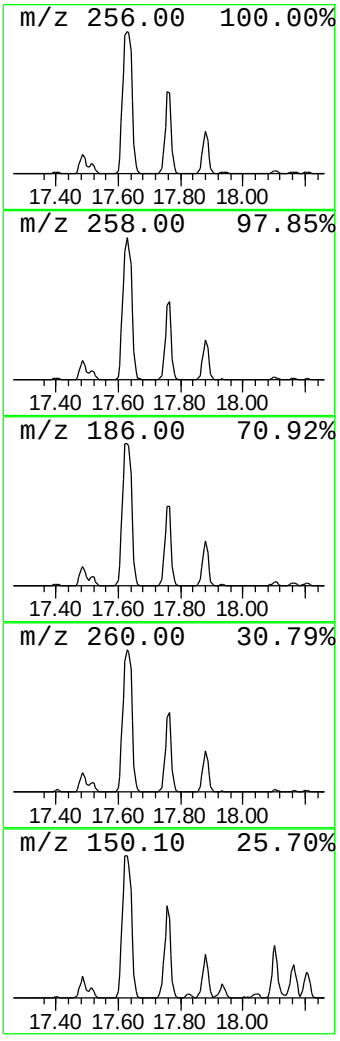
****

Peak Number 6 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.10 ng/ul	924690	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98





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Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

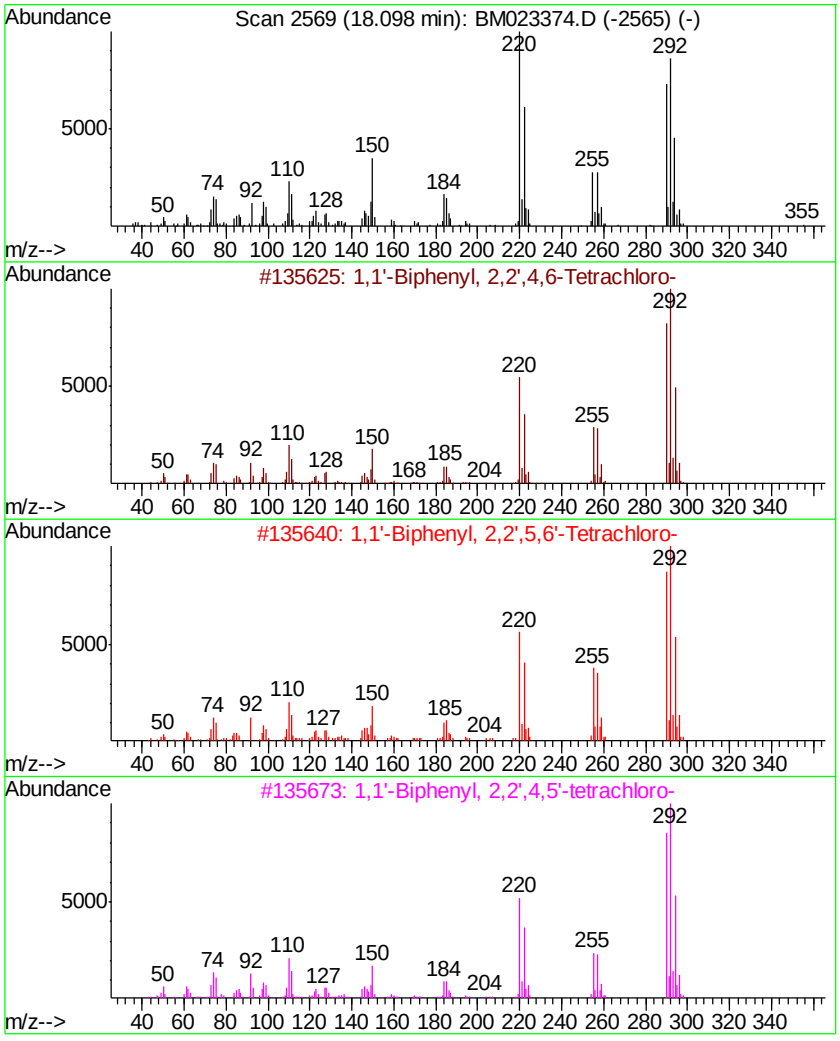
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

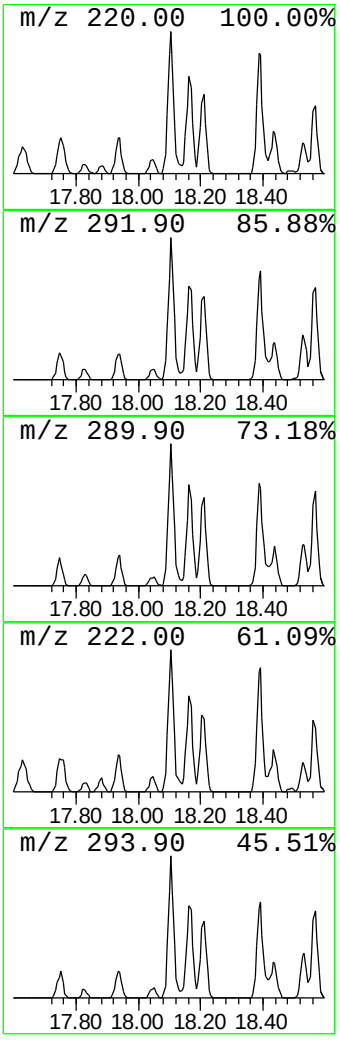
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.01 ng/ul	599501	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

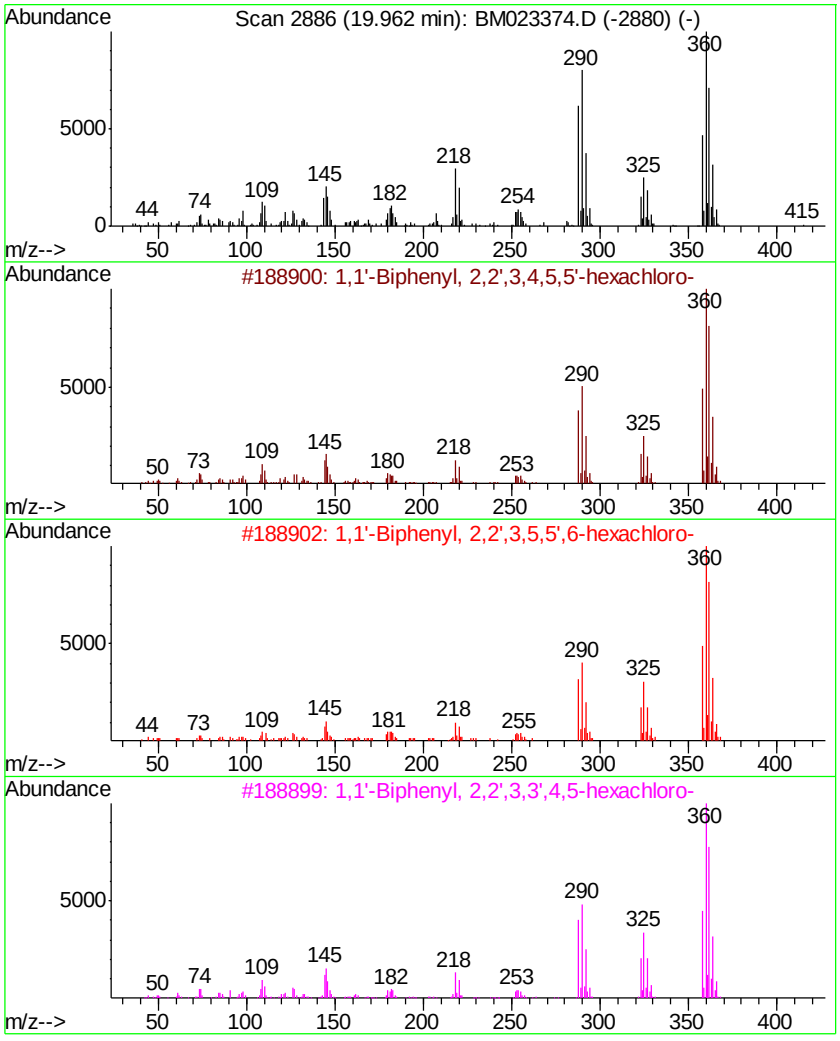
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

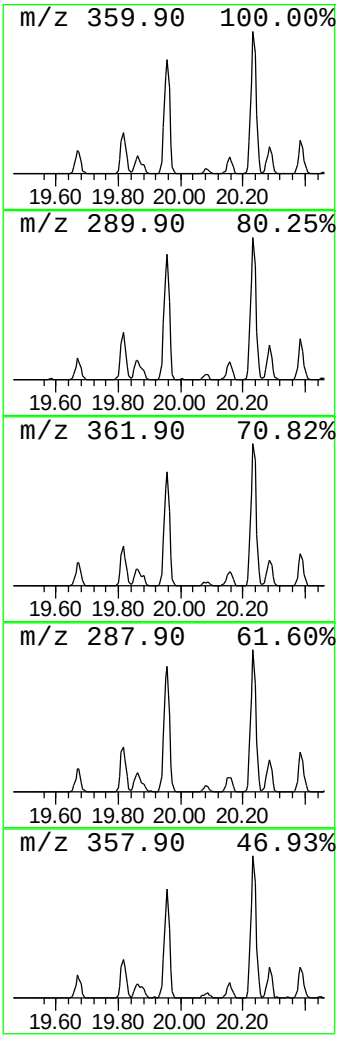
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.94 ng/ul	842047	Chrysene-d12	21.22

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, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

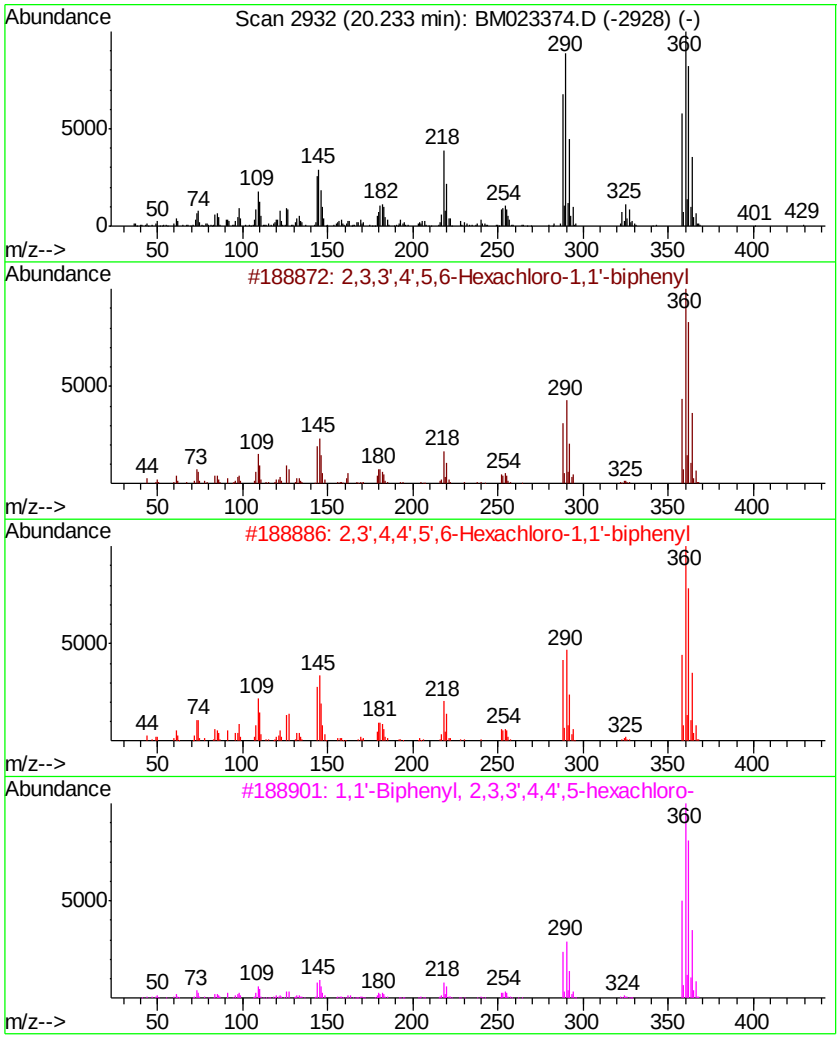
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

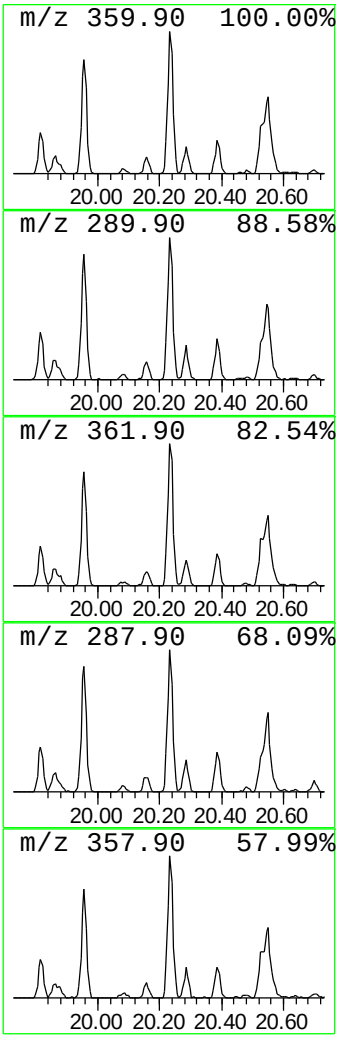
****

Peak Number 9 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	3.08 ng/ul	882975	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

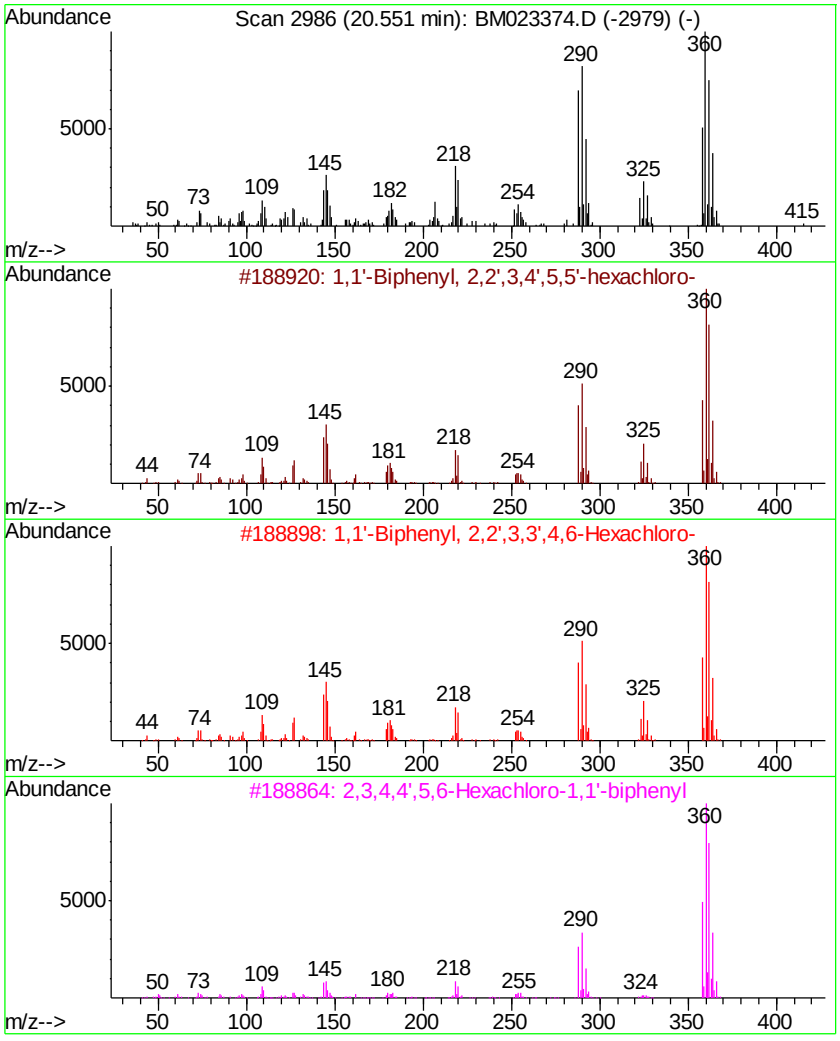
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

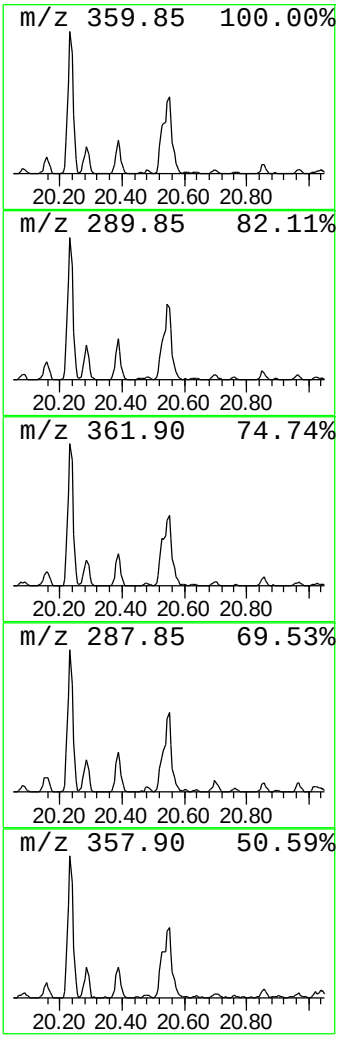
****

Peak Number 10 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	2.55 ng/ul	730463	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

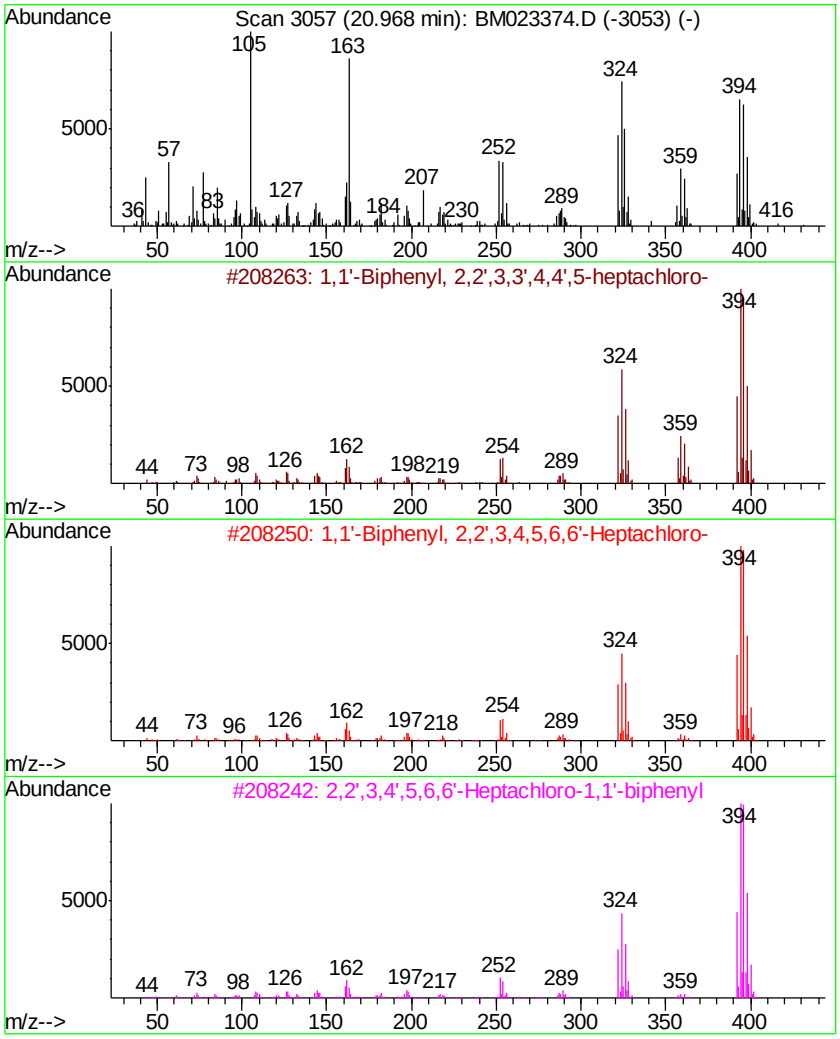
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

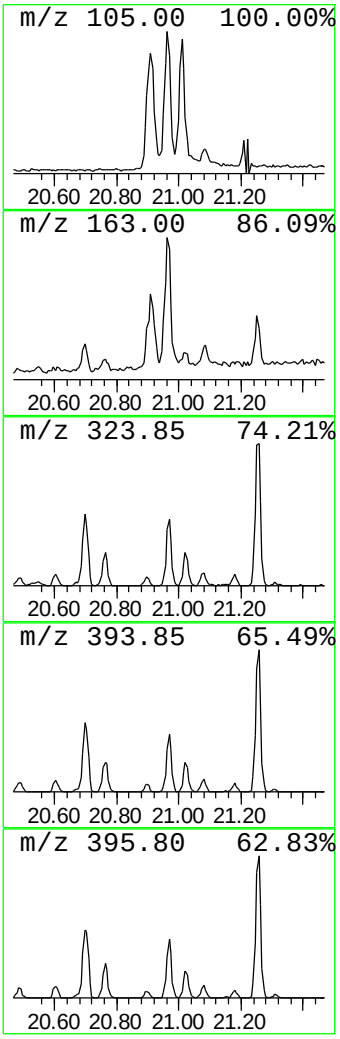
****

Peak Number 11 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.30 ng/ul	661112	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

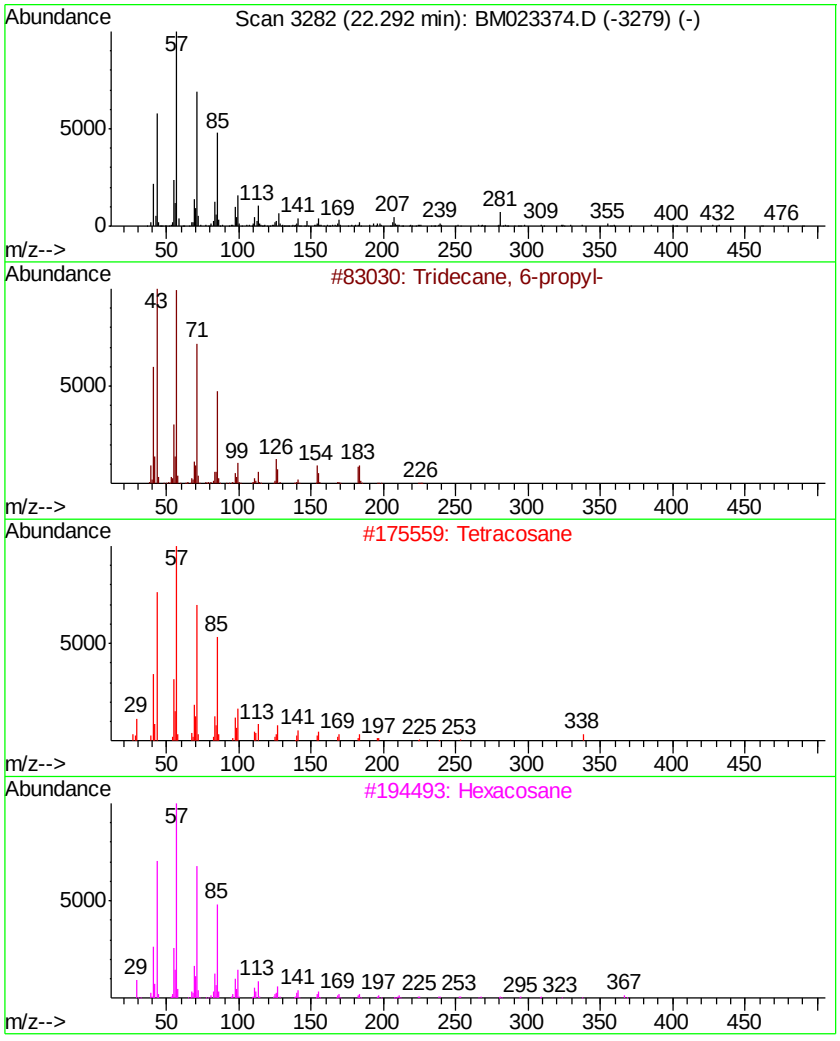
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

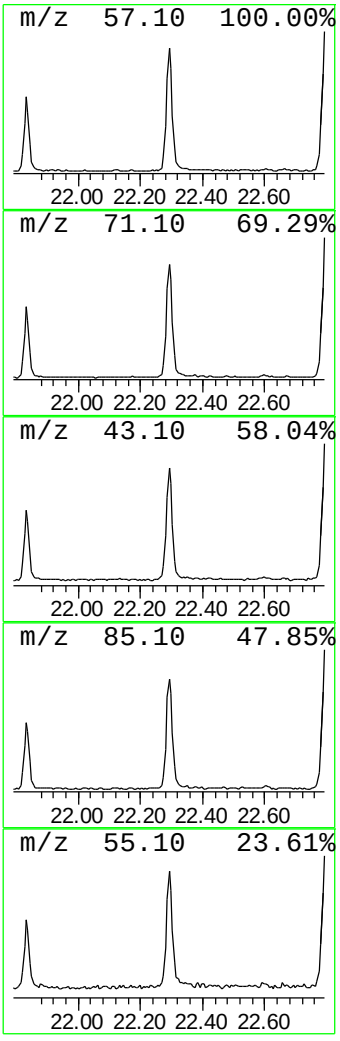
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.94 ng/ul	844551	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

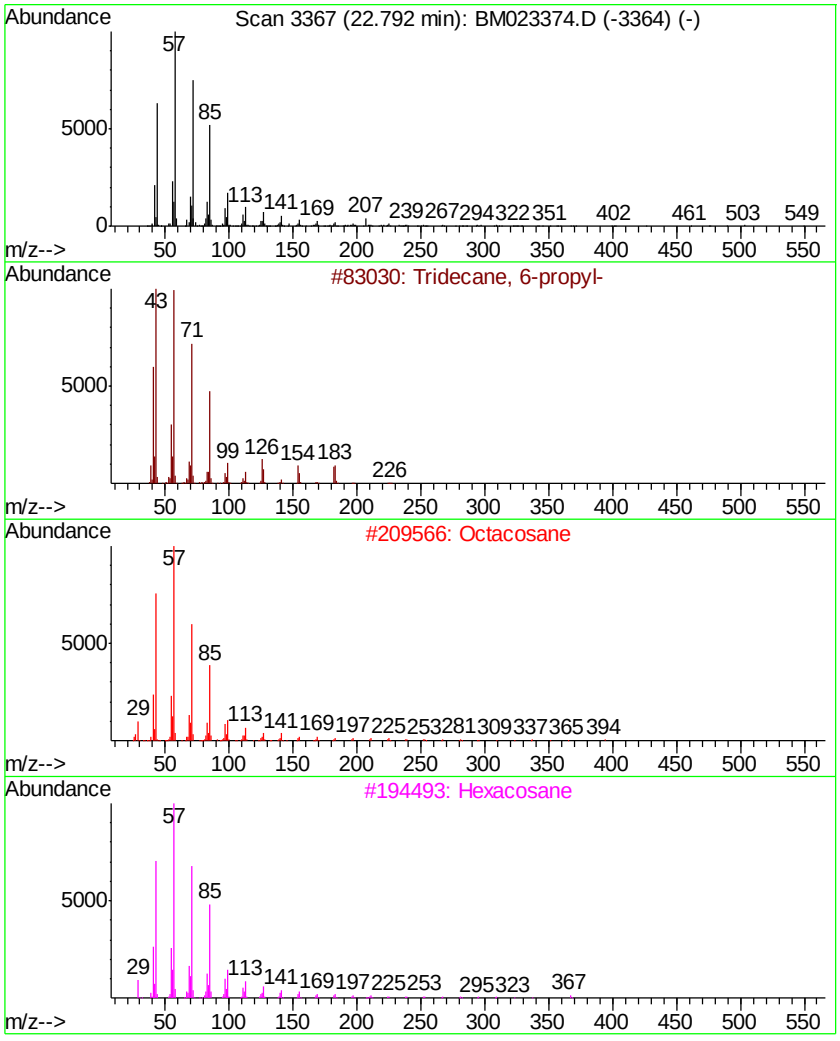
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

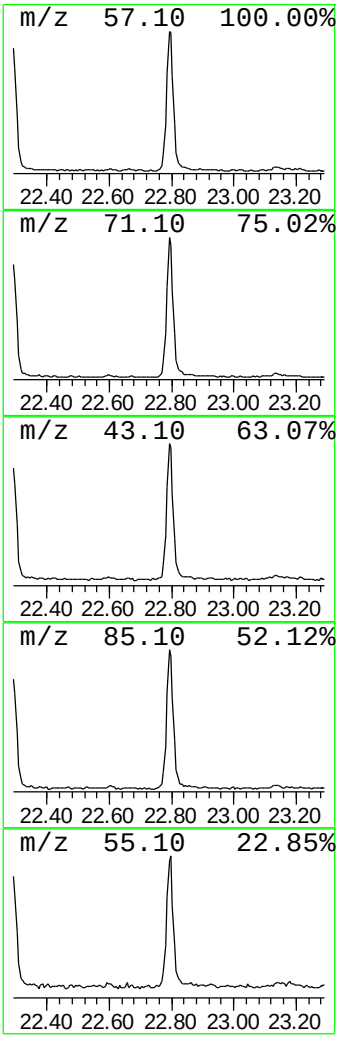
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.88 ng/ul	1219410	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

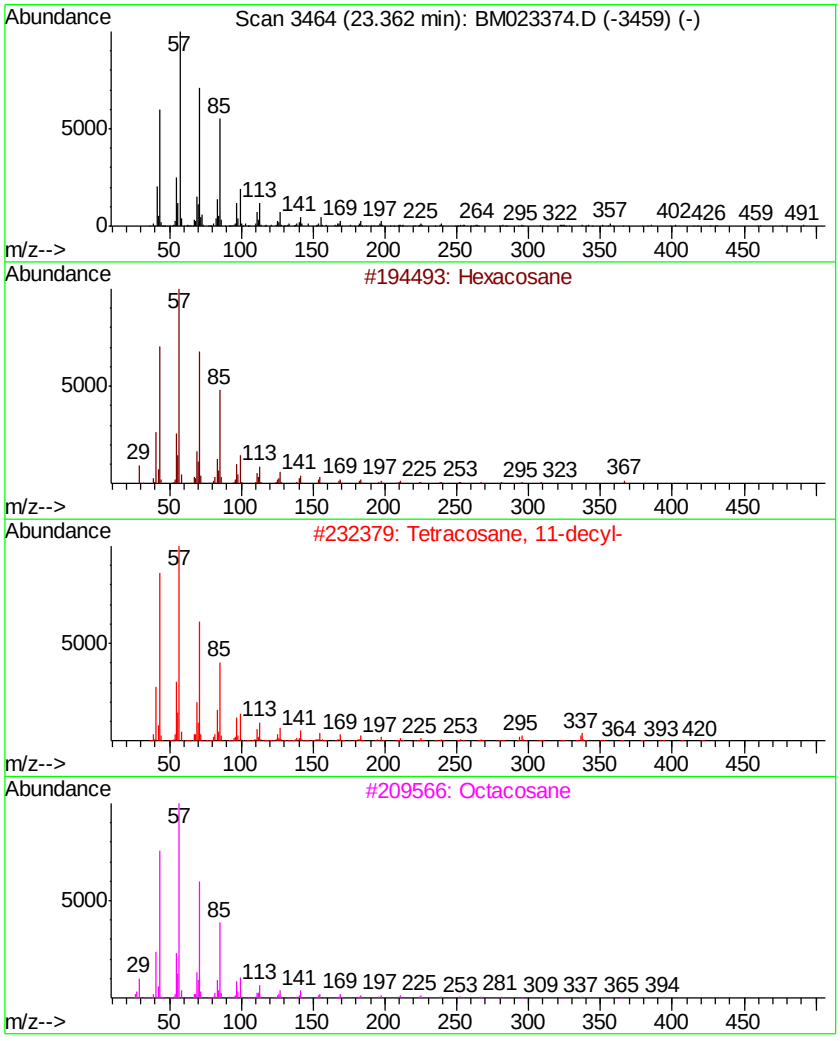
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

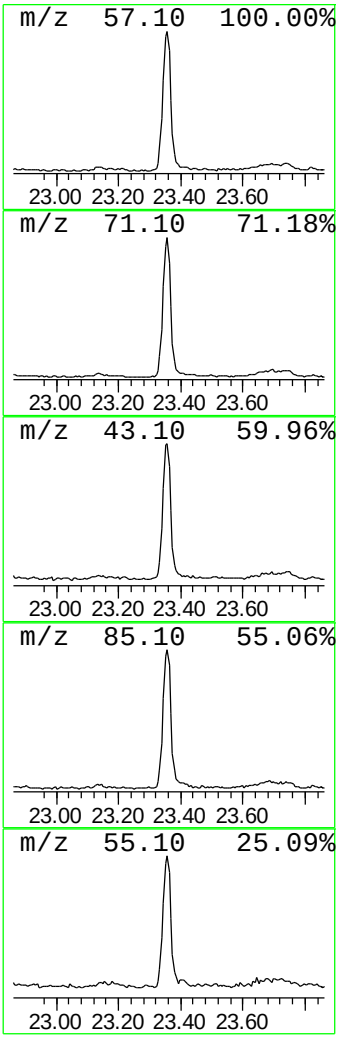
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	3.36 ng/ul	1056020	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

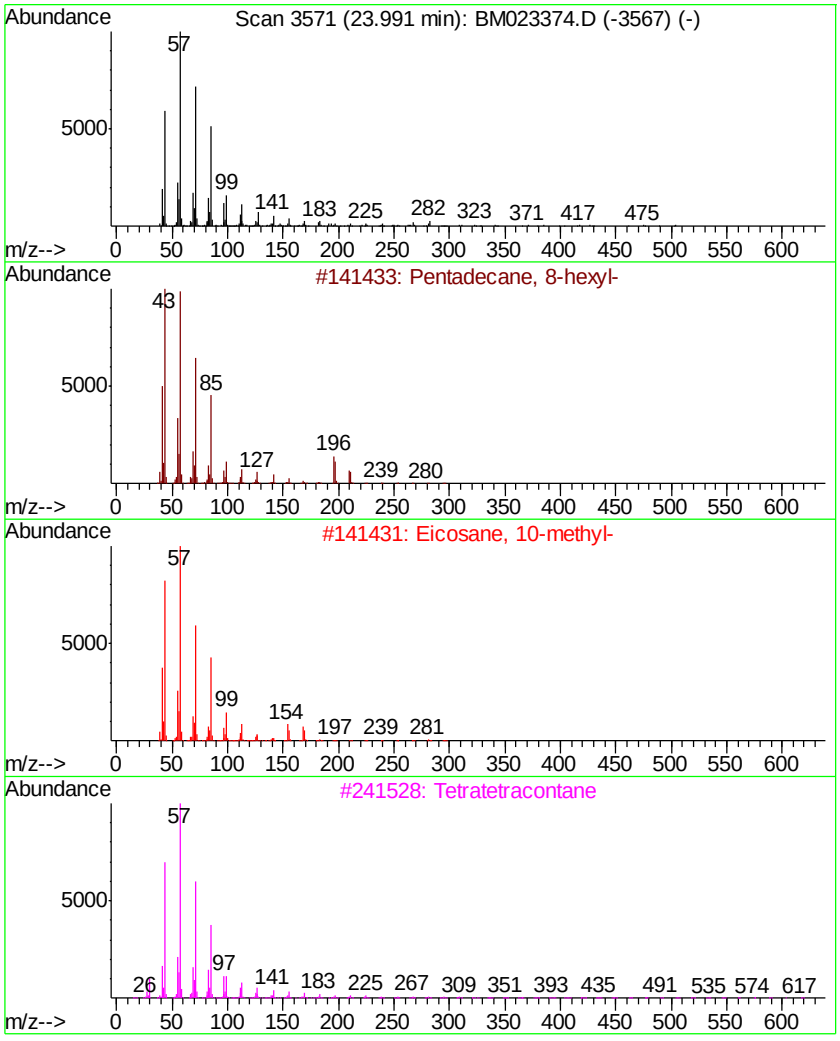
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

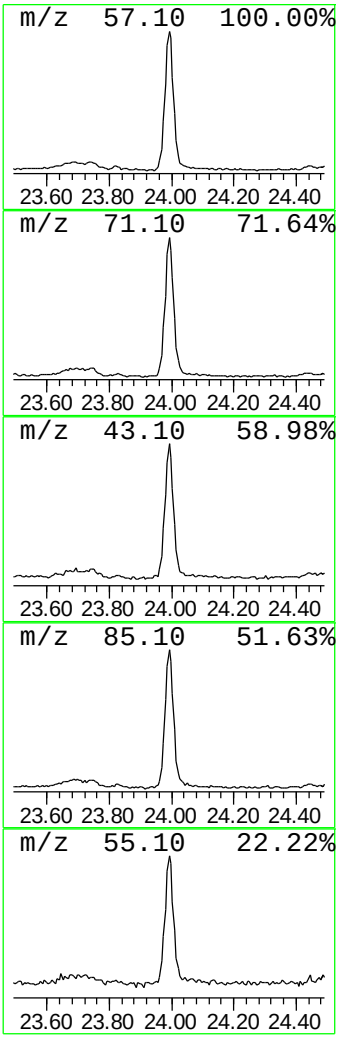
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.77 ng/ul	1185390	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023374.D
Acq On : 24 Oct 2019 11:58
Operator : JU
Sample : AR1610
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AR1610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.09	4.2	ng/ul	699595	1	7.63	3338870	20.0
1,1'-Biphenyl, 2,...	16.26	3.4	ng/ul	1011680	4	17.03	5958410	20.0
1,1'-Biphenyl, 2,...	16.91	4.5	ng/ul	1324740	4	17.03	5958410	20.0
1,1'-Biphenyl, 3,...	17.20	2.6	ng/ul	769996	4	17.03	5958410	20.0
1,1'-Biphenyl, 2,...	17.63	7.0	ng/ul	2087960	4	17.03	5958410	20.0
1,1'-Biphenyl, 2'...	17.76	3.1	ng/ul	924690	4	17.03	5958410	20.0
1,1'-Biphenyl, 2,...	18.10	2.0	ng/ul	599501	4	17.03	5958410	20.0
1,1'-Biphenyl, 2,...	19.96	2.9	ng/ul	842047	5	21.22	5736810	20.0
2,3,3',4',5,6-Hex...	20.23	3.1	ng/ul	882975	5	21.22	5736810	20.0
1,1'-Biphenyl, 2,...	20.55	2.5	ng/ul	730463	5	21.22	5736810	20.0
1,1'-Biphenyl, 2,...	20.97	2.3	ng/ul	661112	5	21.22	5736810	20.0
(DEL) Alkane: Str...	22.29	2.9	ng/ul	844551	5	21.22	5736810	20.0
(DEL) Alkane: Str...	22.79	3.9	ng/ul	1219410	6	23.41	6289790	20.0
(DEL) Alkane: Str...	23.36	3.4	ng/ul	1056020	6	23.41	6289790	20.0
(DEL) Alkane: Str...	23.99	3.8	ng/ul	1185390	6	23.41	6289790	20.0