LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP002002.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	23	rVB	1505630	2190021	25.20%	1.916%
2	3.169	43	48	56	rVB	54388	81790	0.94%	0.072%
3	3.816	147	158	168	rVV	222080	560705	6.45%	0.491%
4	4.787	318	323	333	rBV	50786	76985	0.89%	0.067%
5	6.357	583	590	595	rBV	54349	83698	0.96%	0.073%
6	6.816	658	668	680	rBV	945483	1564233	18.00%	1.369%
7	6.981	689	696	709	rBV	810881	1260266	14.50%	1.103%
8	7.099	709	716	720	rVV	128673	204548	2.35%	0.179%
9	7.175	723	729	744	rVB	1062482	1673626	19.26%	1.464%
10	7.557	788	794	799	rBV2	28885	43873	0.50%	0.038%
11	7.640	801	808	818	rVV	1002781	1586423	18.26%	1.388%
12	8.175	890	899	910	rBV	42459	80282	0.92%	0.070%
13	8.346	921	928	940	rBV	1163587	1845568	21.24%	1.615%
14	8.781	994	1002	1010	rBV	884173	1423007	16.38%	1.245%
15	9.269	1080	1085	1092	rVB	32922	51825	0.60%	0.045%
16	9.498	1115	1124	1132	rBV	703199	1140995	13.13%	0.998%
17	10.040	1206	1216	1234	rBV	1216215	2138847	24.62%	1.872%
18	10.410	1272	1279	1286	rBV	1401666	2302990	26.50%	2.015%
19	10.546	1295	1302	1324	rBV	666309	1270128	14.62%	1.111%
20	13.022	1717	1723	1732	rBV2	64972	107948	1.24%	0.094%
21	13.169	1744	1748	1758	rVV3	95687	159924	1.84%	0.140%
22	13.687	1828	1836	1841	rBV	2088826	2999120	34.52%	2.624%
23	13.734	1841	1844	1852	rVB	173593	255263	2.94%	0.223%
24	13.963	1876	1883	1895	rBV	2593483	4024312	46.31%	3.521%
25	14.275	1928	1936	1943	rVV	2221430	3181784	36.62%	2.784%
26	14.369	1943	1952	1957	rVV3	64295	129523	1.49%	0.113%
27	14.475	1964	1970	1980	rBV	596242	963190	11.08%	0.843%
28	14.569	1982	1986	1991	rVB2	70909	107787	1.24%	0.094%
29	15.181	2081	2090	2099	rBV2	122942	200348	2.31%	0.175%
30	15.275	2099	2106	2112	rBV	3337729	4871595	56.07%	4.263%
31	15.392	2121	2126	2135	rBV	657374	884055	10.17%	0.774%
32	15.516	2142	2147	2151	rVB	36295	50088	0.58%	0.044%
33	15.775	2185	2191	2199	rVB7	23179	56569	0.65%	0.050%
34	15.998	2224	2229	2237	rBV3	34706	66765	0.77%	0.058%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	16.081	2237	2243	2253	rVV	508509	673864	7.76%	0.590%
36	16.828	2364	2370	2377	rVB5	20788	52781	0.61%	0.046%
37	17.028	2398	2404	2409	rBV	2667314	3749058	43.15%	3.281%
38	17.069	2409	2411	2415	rVV	146507	170482	1.96%	0.149%
39	17.128	2415	2421	2425	rVV	3523816	5181144	59.63%	4.534%
40	17.157	2425	2426	2433	rVV	792874	857873	9.87%	0.751%
41	17.433	2465	2473	2478	rBV	148801	289182	3.33%	0.253%
42	17.563	2491	2495	2499	rVB3	31900	47761	0.55%	0.042%
43	17.898	2549	2552	2556	rBV	44076	58532	0.67%	0.051%
44	17.951	2557	2561	2569	rBV	284349	432438	4.98%	0.378%
45	18.027	2570	2574	2578	rVB	93305	127120	1.46%	0.111%
46	18.098	2580	2586	2589	rBV2	128823	235687	2.71%	0.206%
47	18.210	2602	2605	2608	rBV5	39663	51769	0.60%	0.045%
48	18.369	2629	2632	2638	rBV2	90936	153253	1.76%	0.134%
49	18.422	2638	2641	2646	rVB	187955	242295	2.79%	0.212%
50	18.516	2654	2657	2665	rVB7	52018	79958	0.92%	0.070%
51	18.757	2688	2698	2701	rBV6	158269	495701	5.70%	0.434%
52	18.927	2723	2727	2737	rVB	188901	273485	3.15%	0.239%
53	19.045	2742	2747	2755	rVB	2227227	3008061	34.62%	2.632%
54	19.192	2768	2772	2776	rBV2	117630	158547	1.82%	0.139%
55	19.374	2797	2803	2806	rBV	4808413	7349661	84.58%	6.431%
56	19.398	2806	2807	2816	rVV	2588311	2503731	28.81%	2.191%
57	19.474	2817	2820	2828	rVB3	85779	150855	1.74%	0.132%
58	19.574	2834	2837	2841	rBV	101758	144475	1.66%	0.126%
59	19.633	2843	2847	2853	rVB	241878	344364	3.96%	0.301%
60	19.721	2857	2862	2867	rBV2	231721	488938	5.63%	0.428%
61	19.857	2880	2885	2894	rVB3	261292	764484	8.80%	0.669%
62	19.933	2895	2898	2903	rVB2	85558	100791	1.16%	0.088%
63	19.980	2903	2906	2910	rBV	116896	138664	1.60%	0.121%
64	20.039	2910	2916	2920	rBV2	322709	536954	6.18%	0.470%
65	20.080	2920	2923	2927	rVB2	86513	100843	1.16%	0.088%
66	20.121	2927	2930	2935	rVB2	54963	76271	0.88%	0.067%
67	20.174	2935	2939	2943	rBV	202438	279166	3.21%	0.244%
68	20.216	2943	2946	2952	rBV2	124169	219487	2.53%	0.192%
69	20.427	2979	2982	2986	rBV5	80917	134828	1.55%	0.118%
70	20.616	3010	3014	3021	rVB2	263512	403373	4.64%	0.353%
71	20.774	3036	3041	3044	rBV2	249326	403189	4.64%	0.353%

LSC Area Percent Report

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Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	20.816	3044	3048	3051	rVV2	253049	262805	3.02%	0.230%
73	20.863	3051	3056	3060	rBV2	562325	1102669	12.69%	0.965%
74	21.121	3093	3100	3104	rBV2	3805652	6772962	77.95%	5.927%
75	21.157	3104	3106	3113	rVB	1477444	1798086	20.69%	1.573%
76	21.239	3117	3120	3123	rBV3	98919	128589	1.48%	0.113%
77	21.292	3123	3129	3134	rVB4	205876	383544	4.41%	0.336%
78	21.421	3148	3151	3157	rBV2	188572	289072	3.33%	0.253%
79	21.480	3158	3161	3169	rVB2	123582	216905	2.50%	0.190%
80	21.616	3181	3184	3186	rBV3	74646	100366	1.16%	0.088%
81	21.727	3198	3203	3208	rBV3	374235	615254	7.08%	0.538%
82	21.857	3221	3225	3228	rBV2	209343	303589	3.49%	0.266%
83	22.127	3268	3271	3275	rBV	100774	141583	1.63%	0.124%
84	22.198	3279	3283	3290	rVB2	343105	576615	6.64%	0.505%
85	22.315	3300	3303	3307	rVB	147527	173477	2.00%	0.152%
86	22.527	3335	3339	3345	rVB2	293691	471382	5.42%	0.412%
87	22.668	3357	3363	3379	rBV2	2530410	8689183	100.00%	7.603%
88	22.839	3388	3392	3402	rVB	274111	470835	5.42%	0.412%
89	22.968	3410	3414	3425	rBV2	173377	392726	4.52%	0.344%
90	23.139	3438	3443	3447	rBV	1278246	2360523	27.17%	2.066%
91	23.192	3447	3452	3457	rVV	3266603	5927566	68.22%	5.187%
92	23.239	3457	3460	3469	rVB2	704492	1347355	15.51%	1.179%
93	23.333	3469	3476	3482	rBV	2242247	4266916	49.11%	3.734%
94	23.915	3570	3575	3582	rVB	591562	1115791	12.84%	0.976%
95	23.992	3584	3588	3596	rBV3	149089	307565	3.54%	0.269%
96	24.633	3691	3697	3708	rBV6	546906	1718526	19.78%	1.504%
97	25.104	3773	3777	3792	rVB6	235888	549213	6.32%	0.481%
98	25.556	3845	3854	3867	rVB3	901352	3247322	37.37%	2.842%
99	25.868	3902	3907	3930	rVB2	386082	1296468	14.92%	1.134%
100	26.227	3961	3968	3988	rVB	354544	1135926	13.07%	0.994%

Sum of corrected areas: 114279959

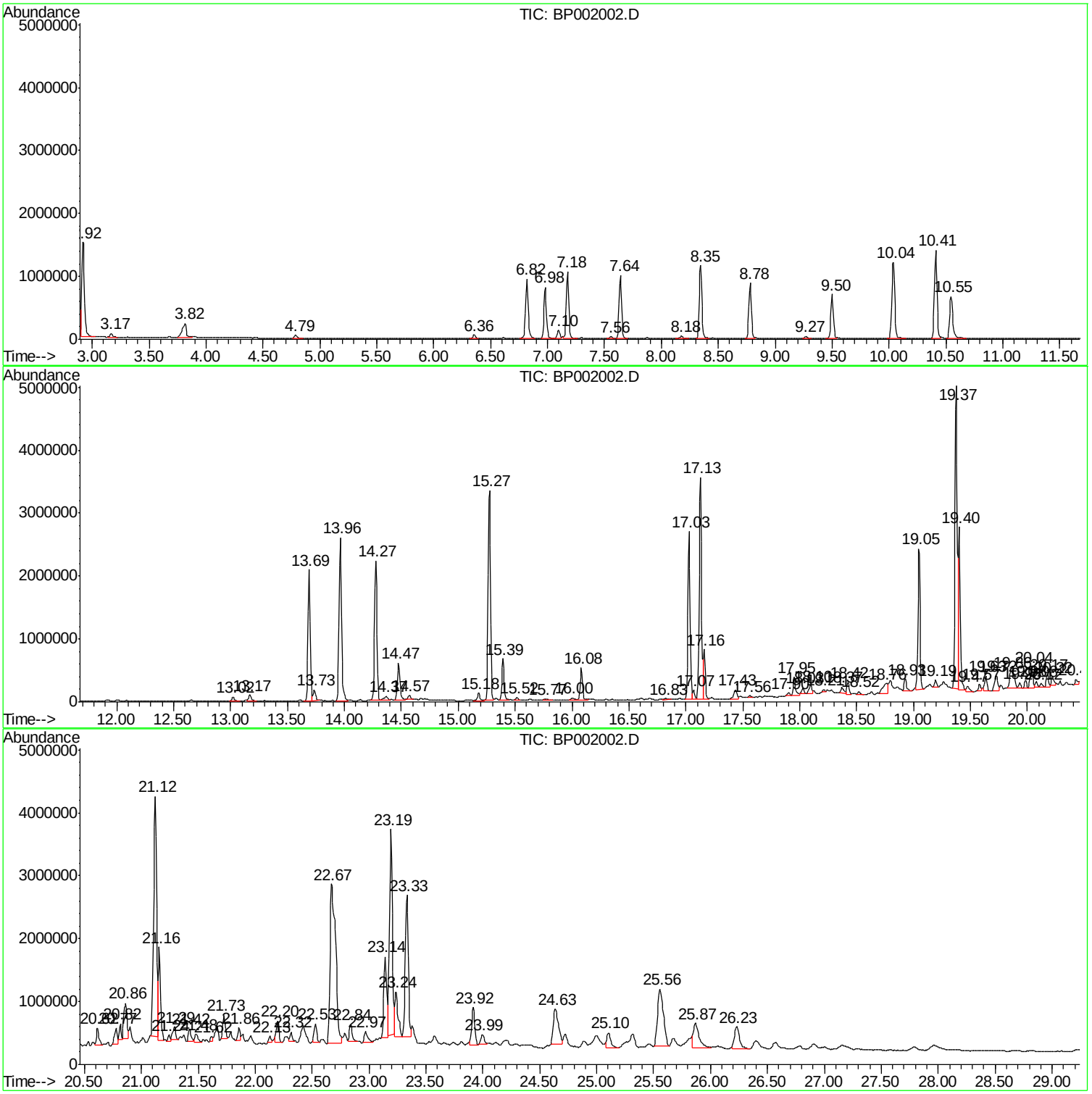
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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 P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
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Misc :
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Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

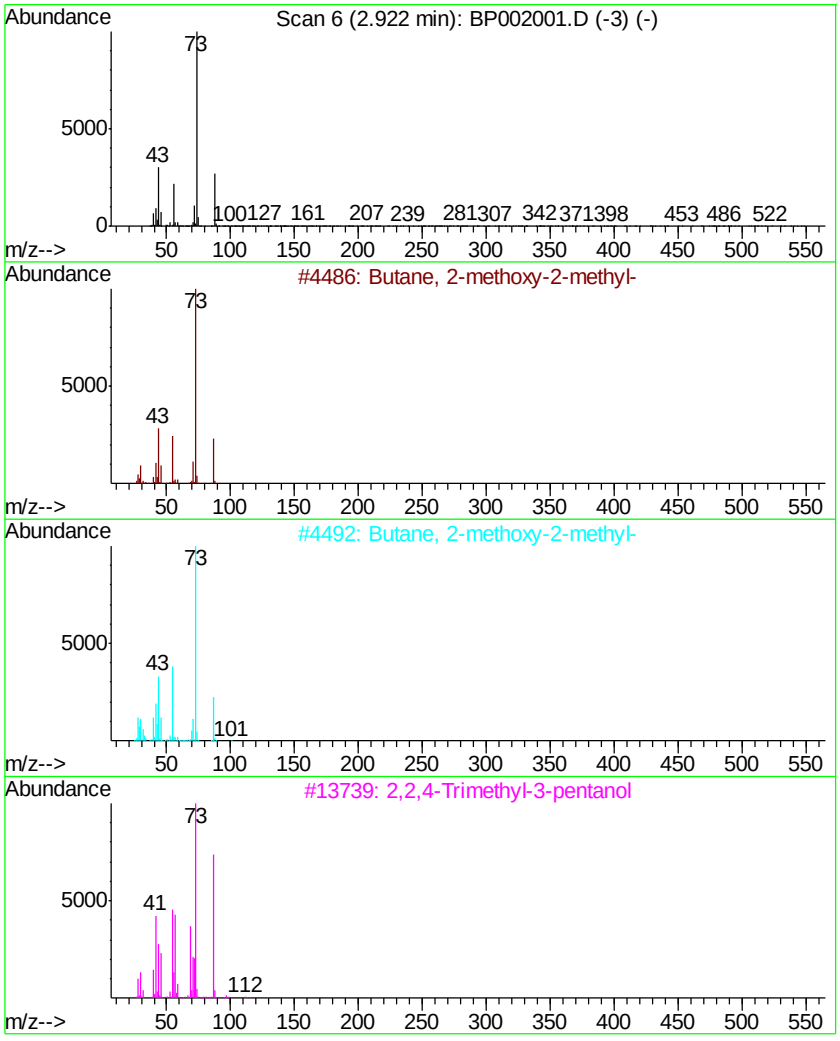
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

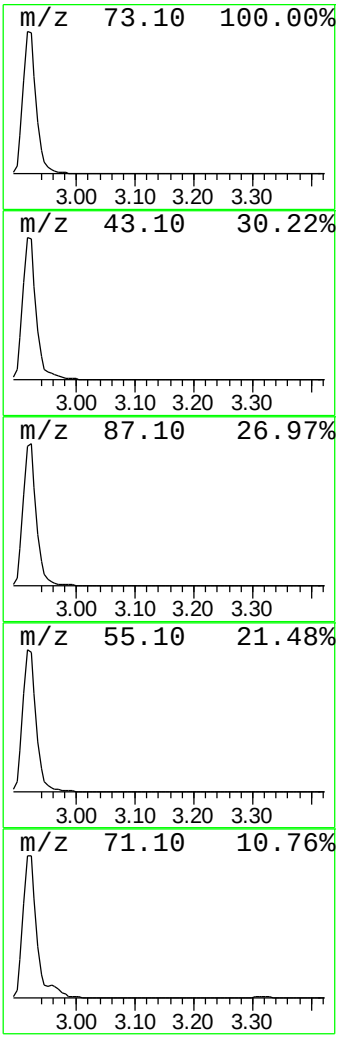
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	27.61 ng/ul	2190020	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

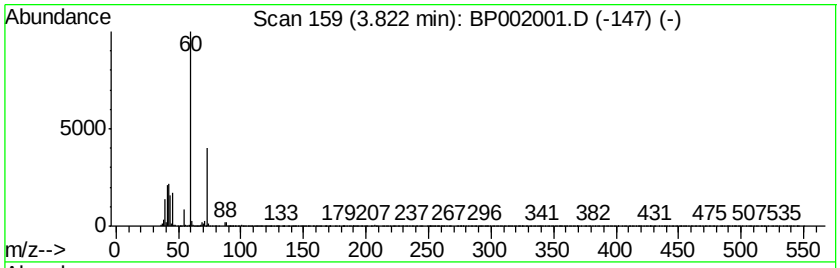
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

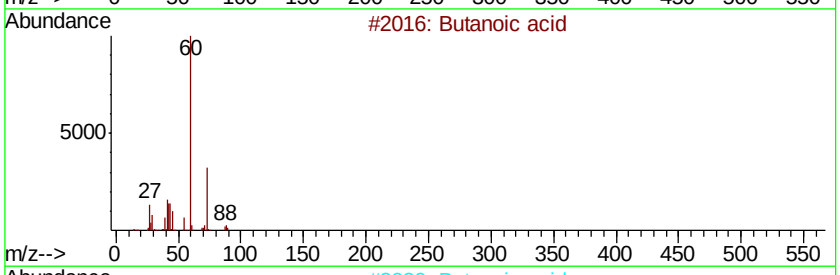
****

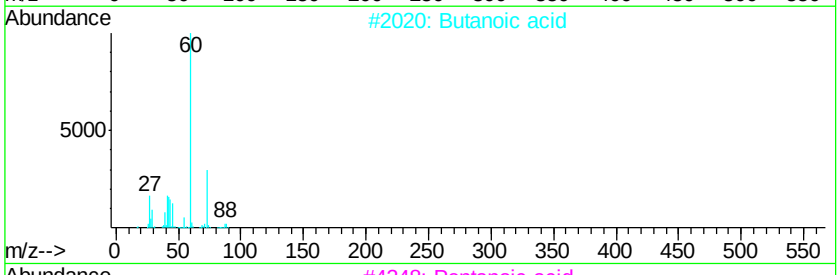
Peak Number 2 Butanoic acid Concentration Rank 4

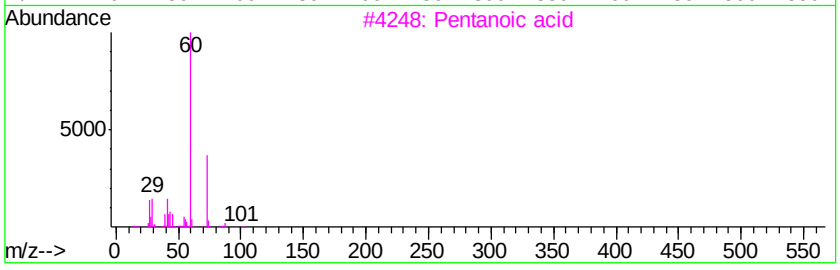
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	7.07 ng/ul	560705	1,4-Dichlorobenzene-d4	7.64

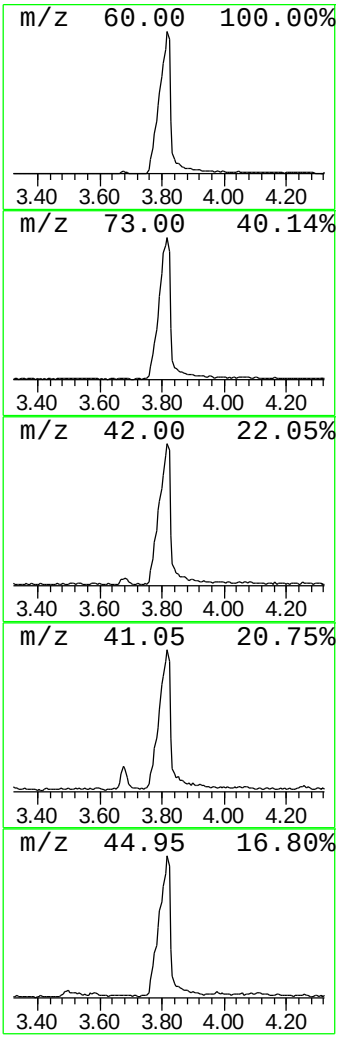
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	86
2	Butanoic acid	88	C4H8O2	000107-92-6	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	45
4	Pentanoic acid	102	C5H10O2	000109-52-4	40
5	Hexanoic acid	116	C6H12O2	000142-62-1	39











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

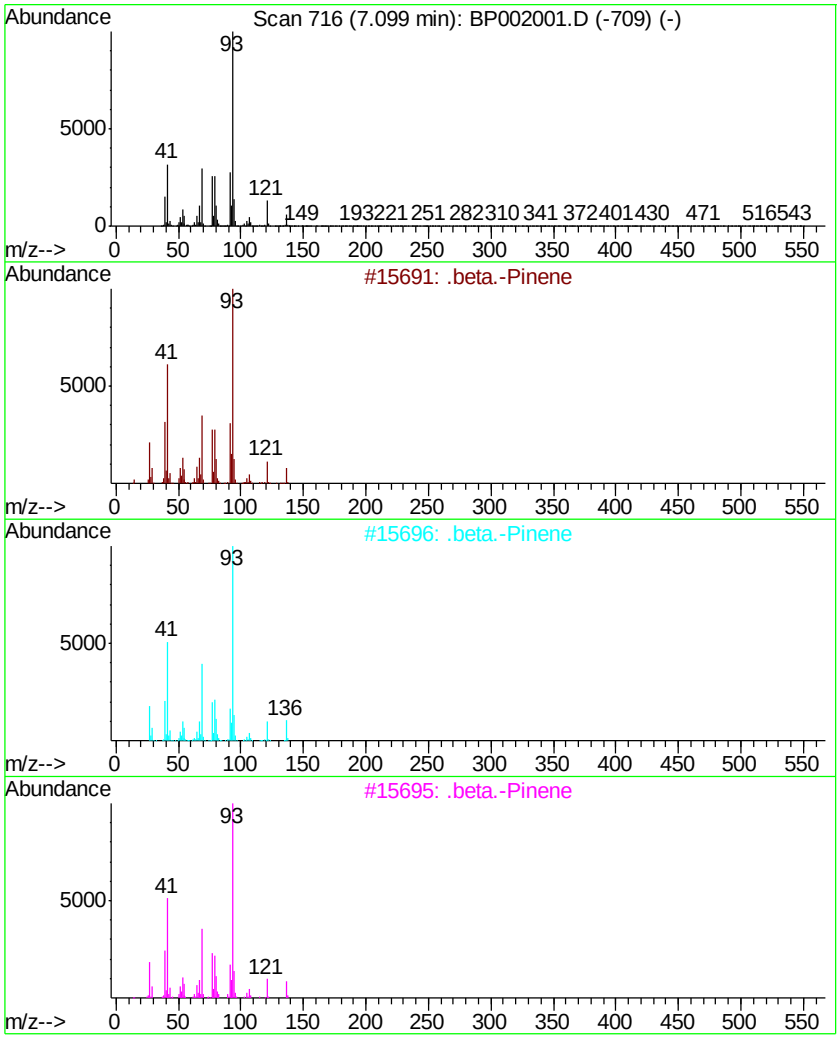
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

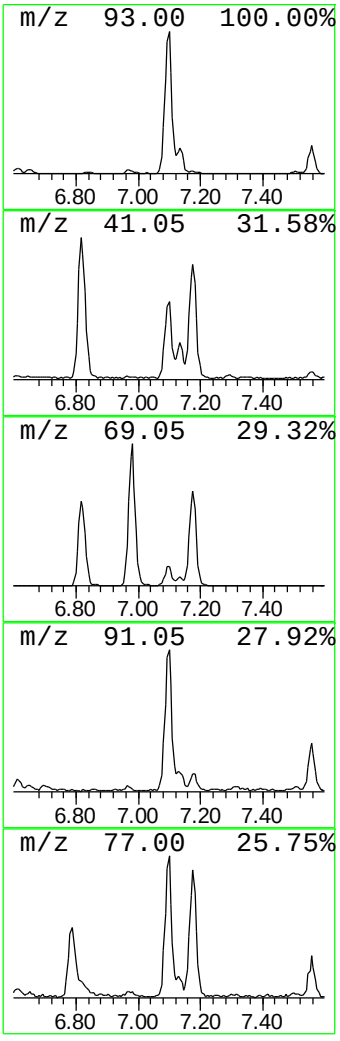
****

Peak Number 3 .beta.-Pinene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.58 ng/ul	204548	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





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Data File : BP002001.D
Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

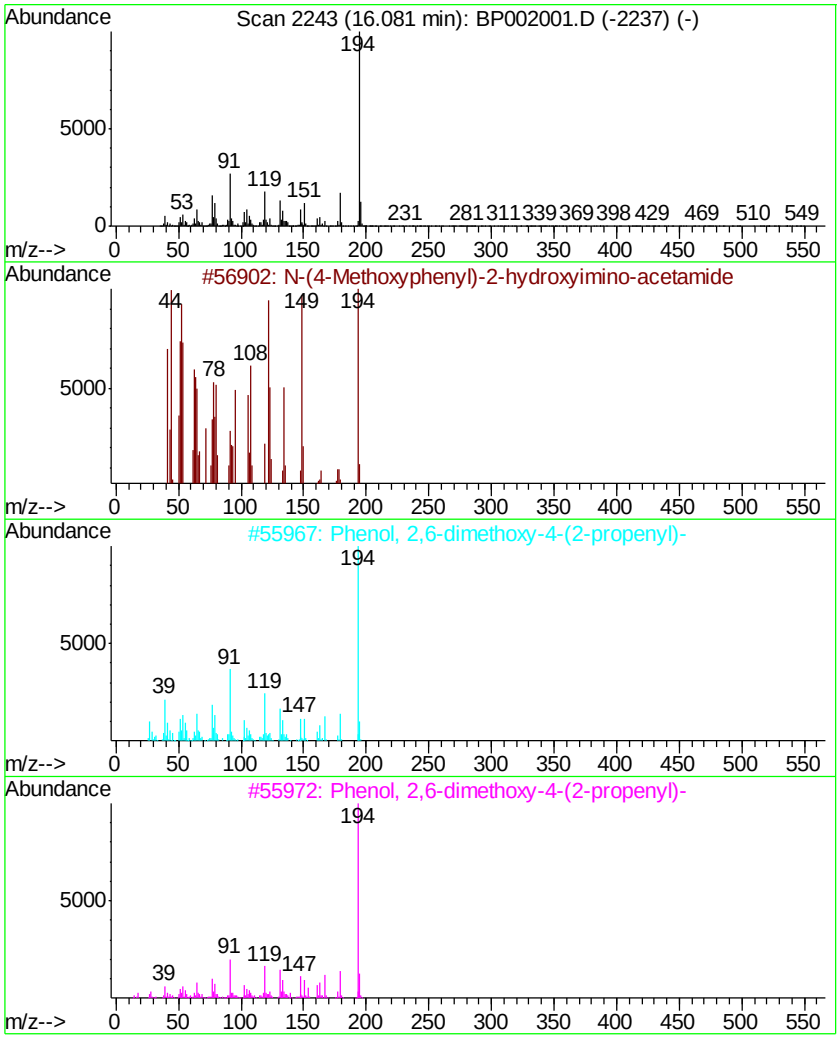
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

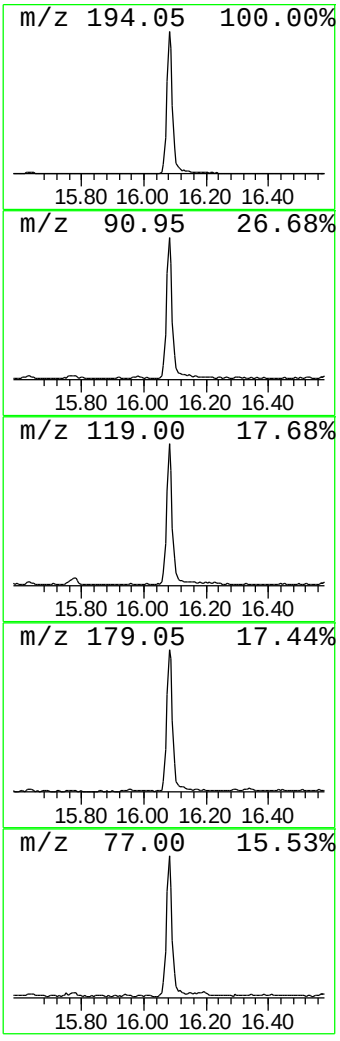
****

Peak Number 4 N-(4-Methoxyphenyl)-2-hydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.59 ng/ul	673864	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	95
2	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	94
3	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	90
4	2,5-Dimethoxyterephthalic acid	194	C10H10O4	007310-97-6	59
5	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	001135-24-6	59





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Data File : BP002001.D
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Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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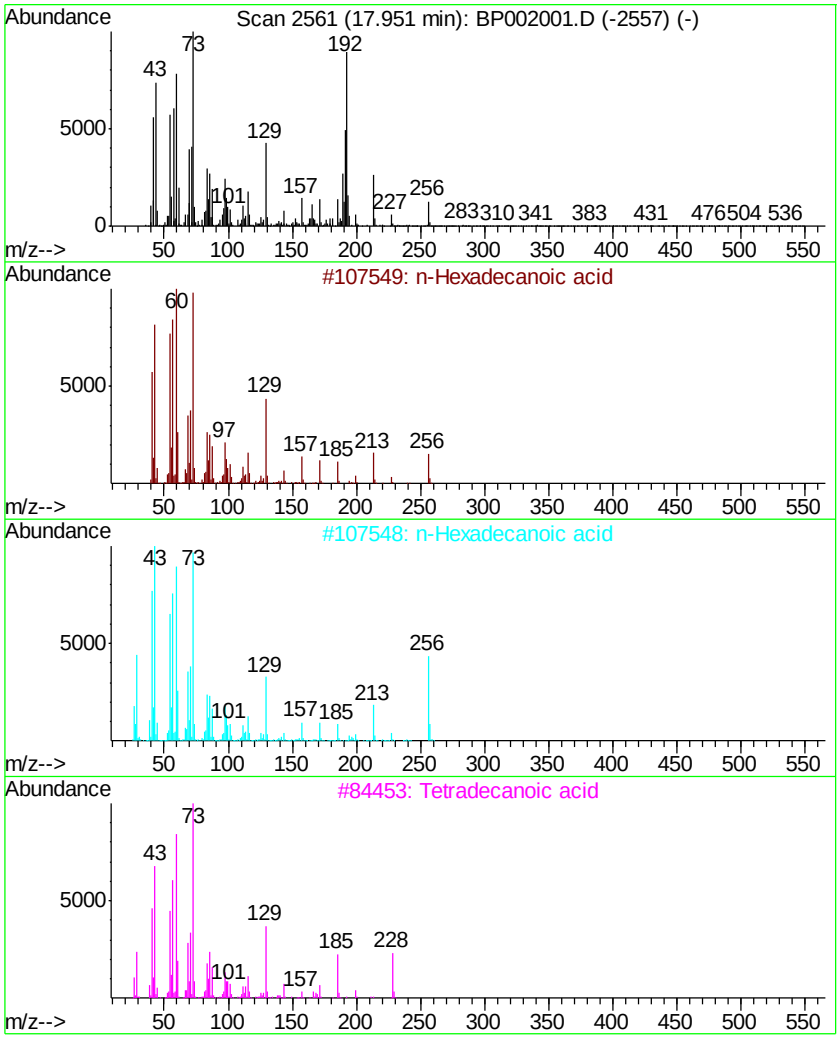
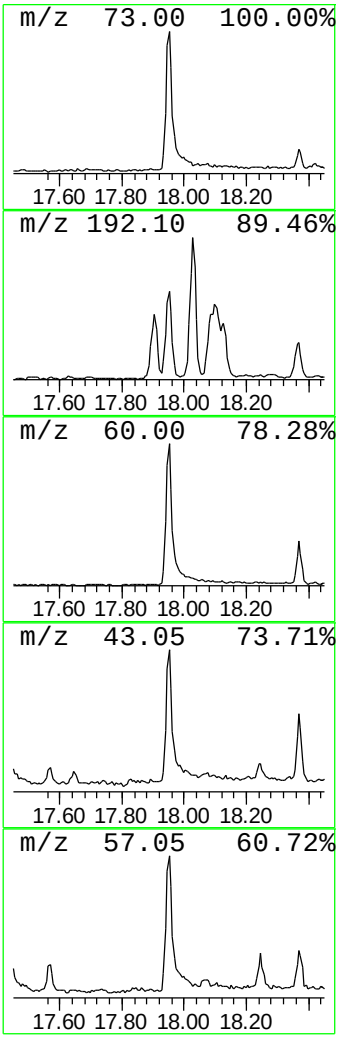
Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.31 ng/ul	432438	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Acq On : 02 Mar 2020 22:06
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

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Quant Title : SVOA CALIBRATION

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

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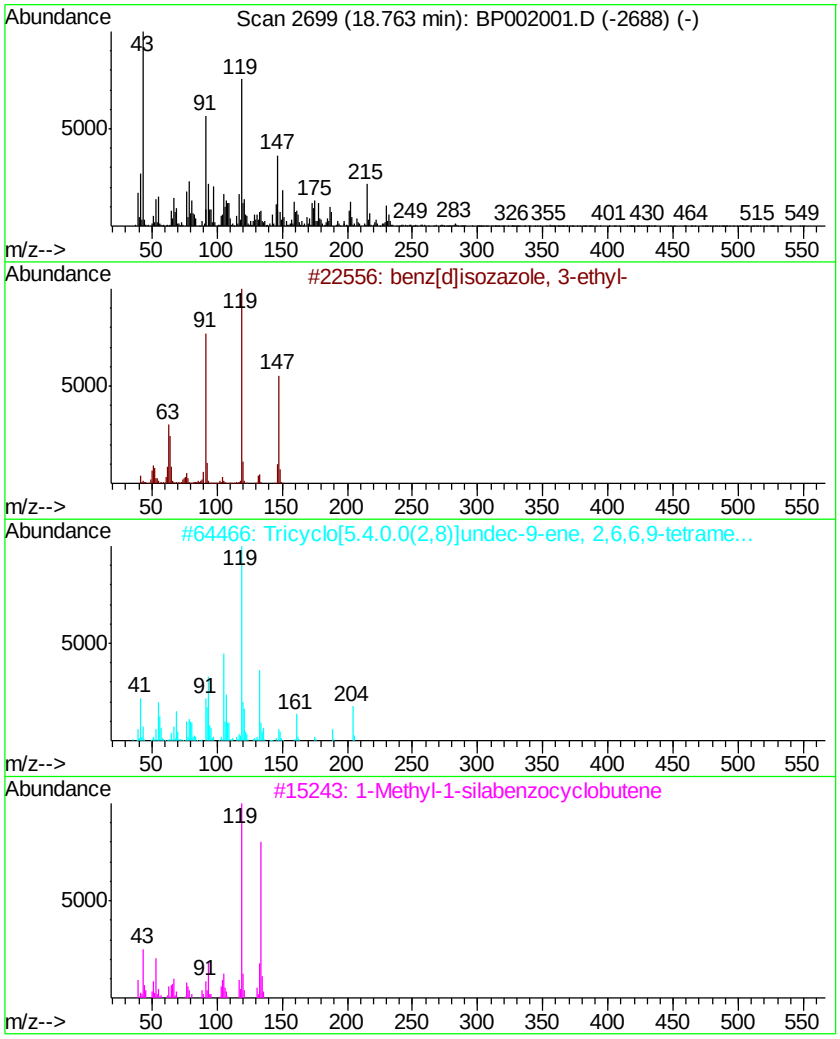
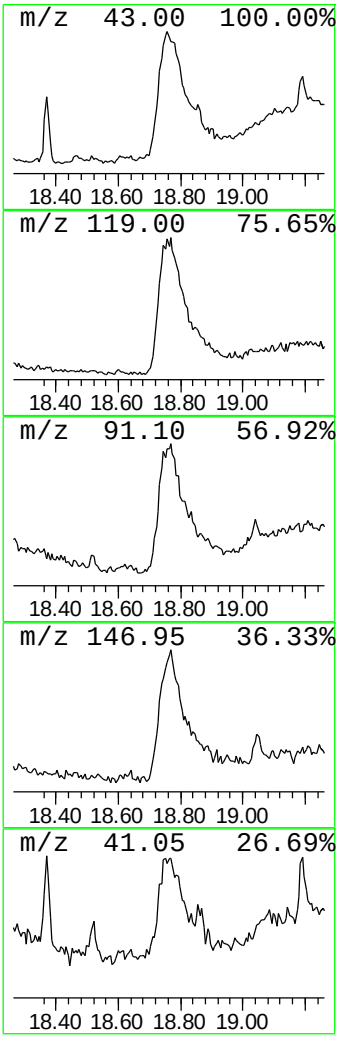
Peak Number 6 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.64 ng/ul	495701	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benz[d]isozazole, 3-ethyl-	147	C9H9NO	066033-77-0	49
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	46
3	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	46
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
5	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	41





Library Search Compound Report

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Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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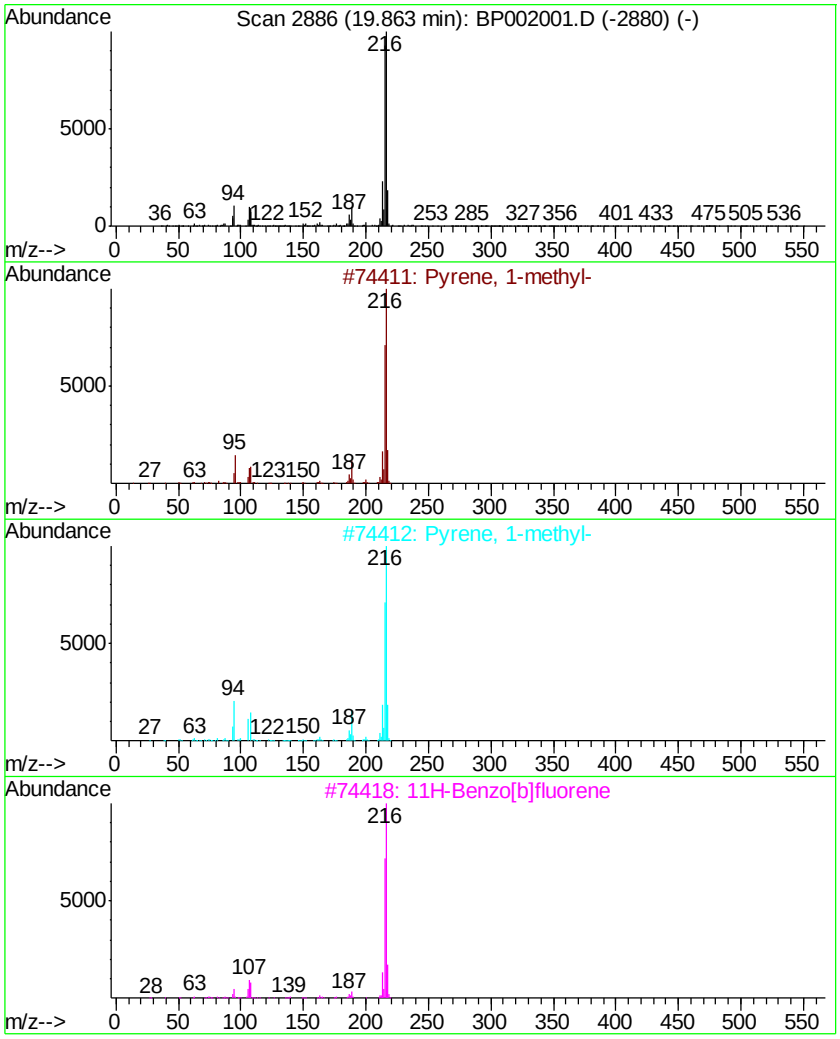
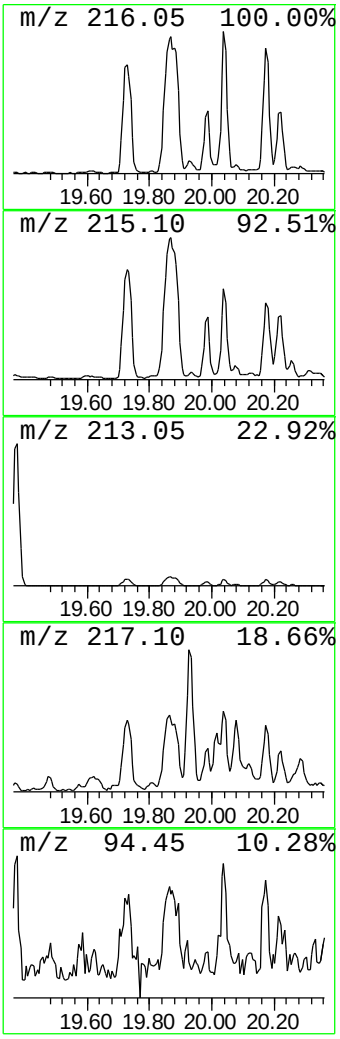
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	2.26 ng/ul	764484	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Quant Title : SVOA CALIBRATION

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

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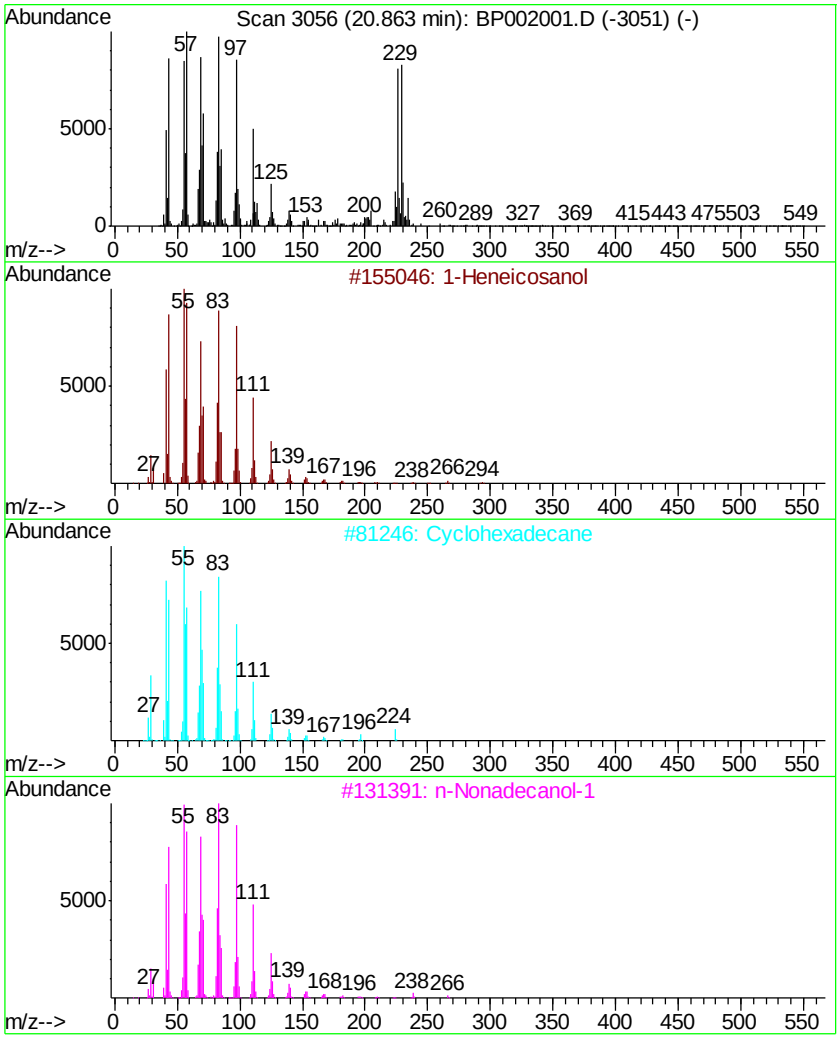
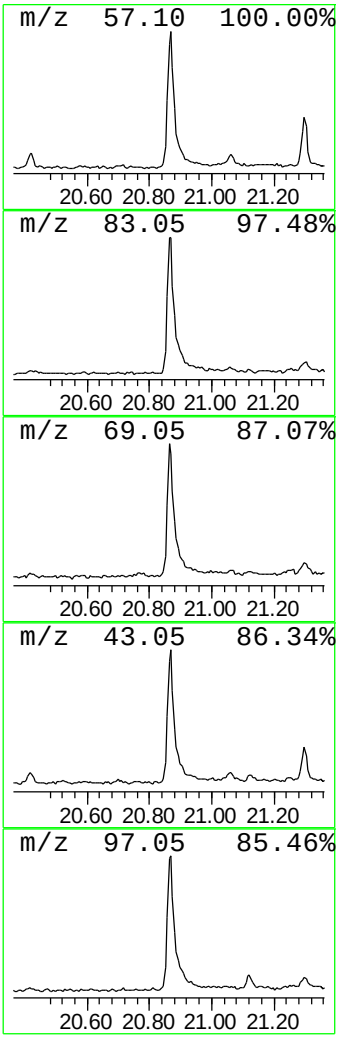
Peak Number 8 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.26 ng/ul	1102670	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	89
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	70
4	Behenic alcohol	326	C22H46O	000661-19-8	70
5	Cyclopentadecane	210	C15H30	000295-48-7	66





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ClientSampleId : DBDQ4

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Quant Title : SVOA CALIBRATION

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

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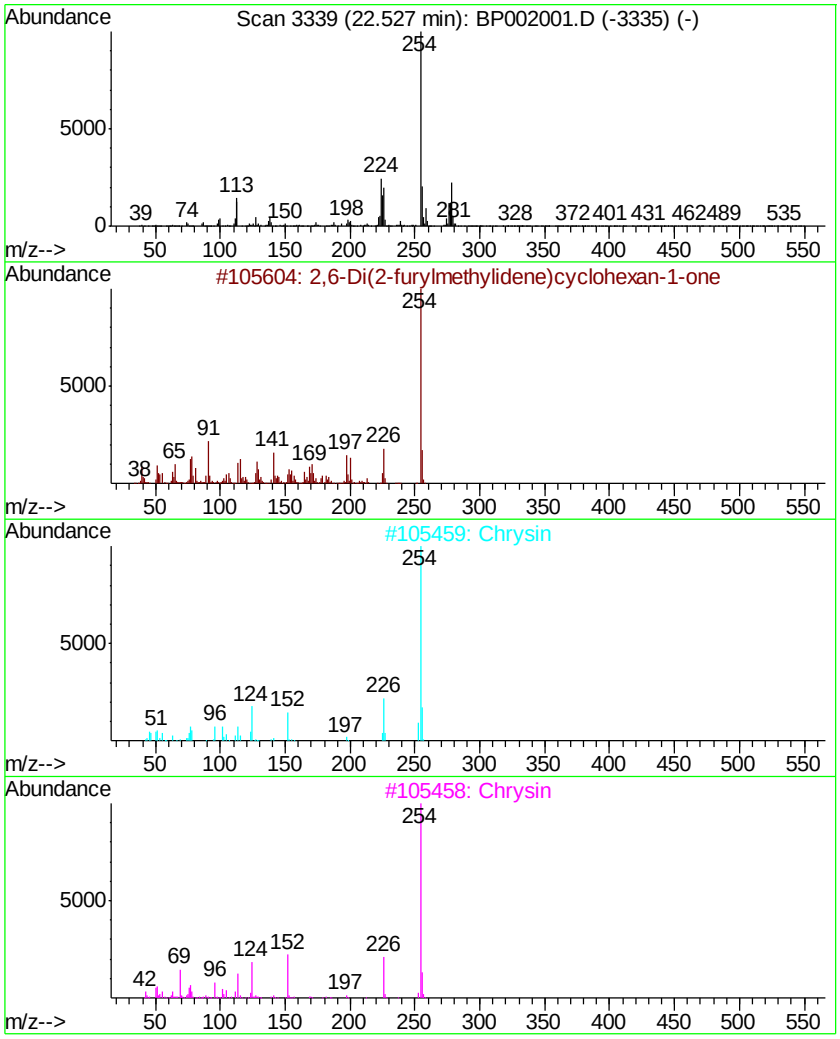
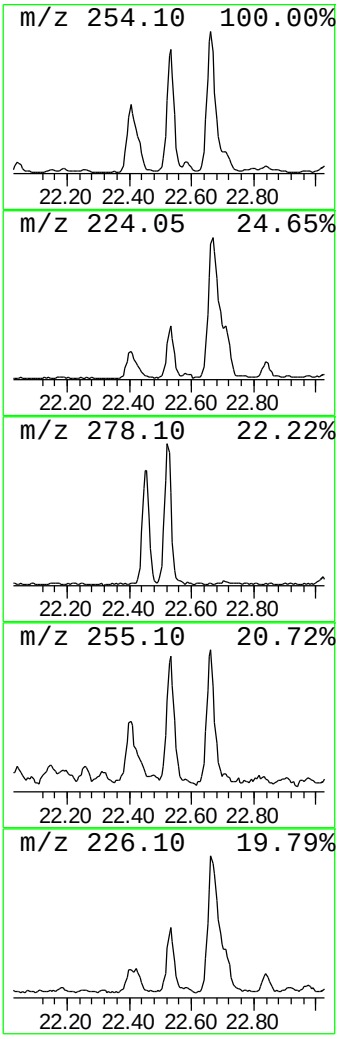
Peak Number 9 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.21 ng/ul	471382	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	47
2	Chrysin	254	C15H10O4	000480-40-0	47
3	Chrysin	254	C15H10O4	000480-40-0	43
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	38
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	38





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Sample : L1616-10
Misc :
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Quant Title : SVOA CALIBRATION

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

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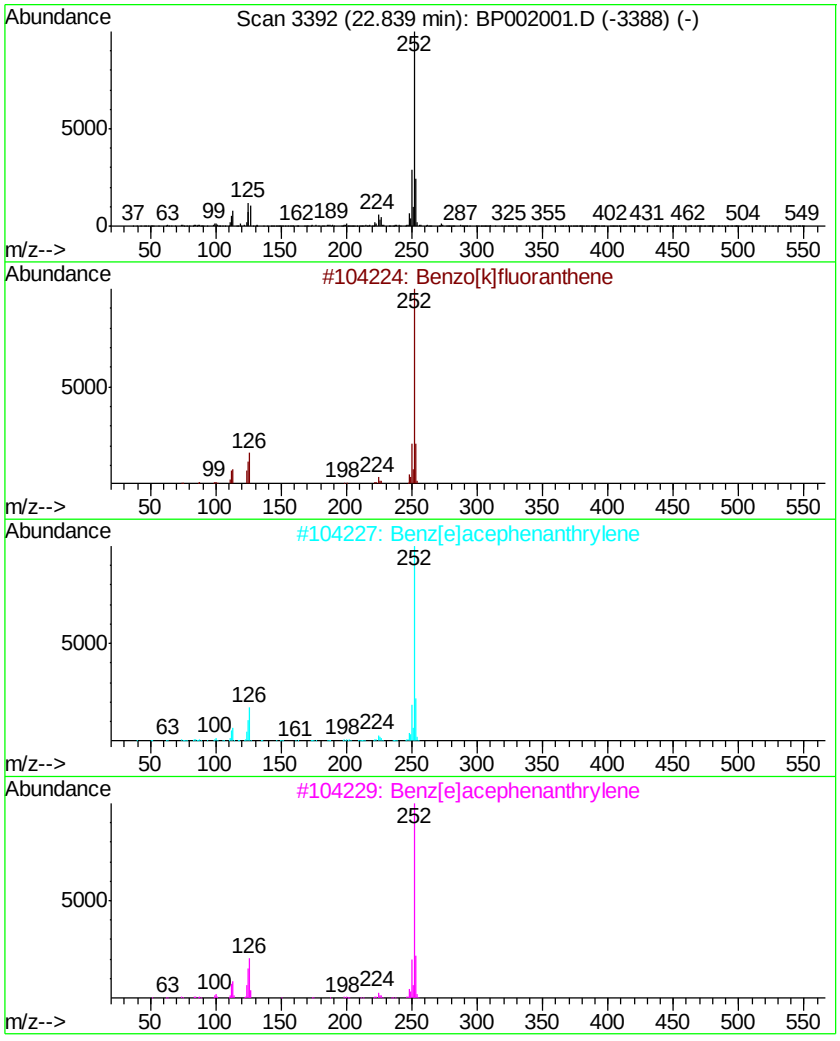
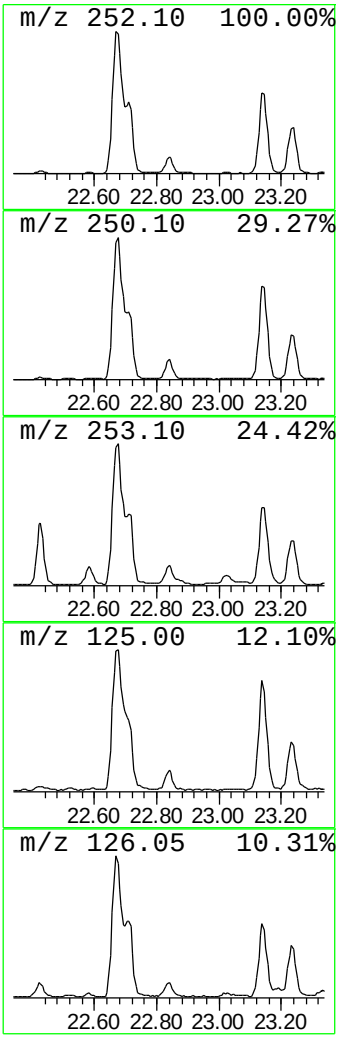
Peak Number 10 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.21 ng/ul	470835	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Instrument : BNA_P
ClientSampleId : DBDQ4

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Quant Title : SVOA CALIBRATION

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

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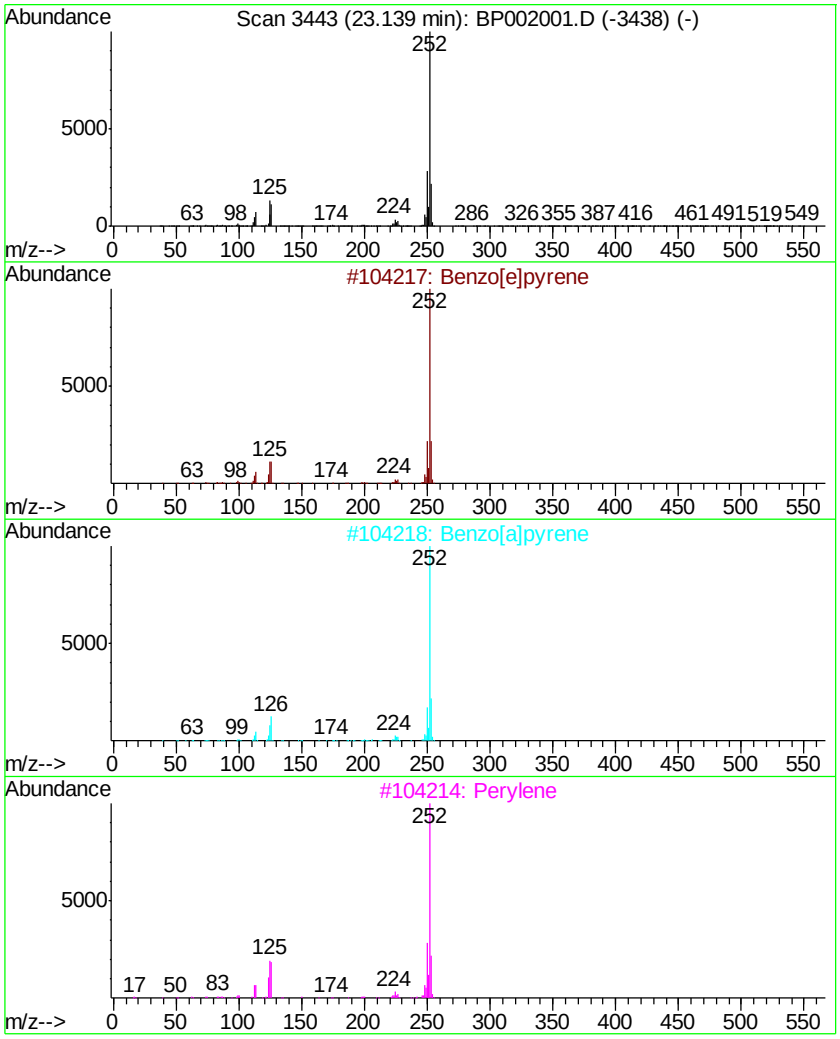
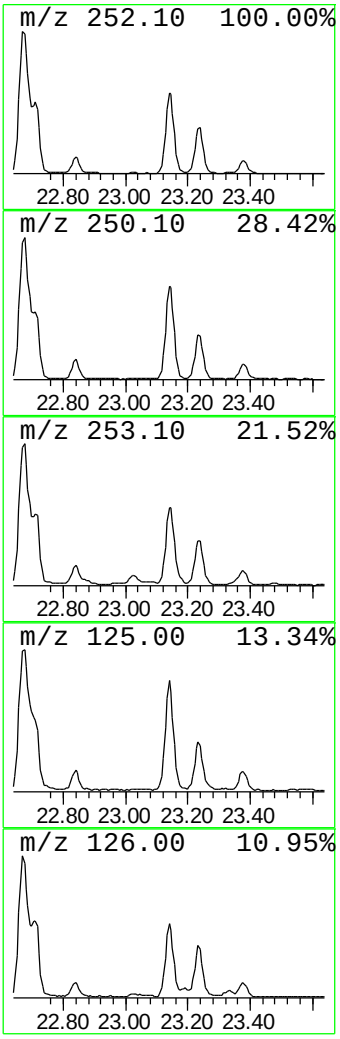
Peak Number 11 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	11.06 ng/ul	2360520	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Library Search Compound Report

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Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ4

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Quant Title : SVOA CALIBRATION

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

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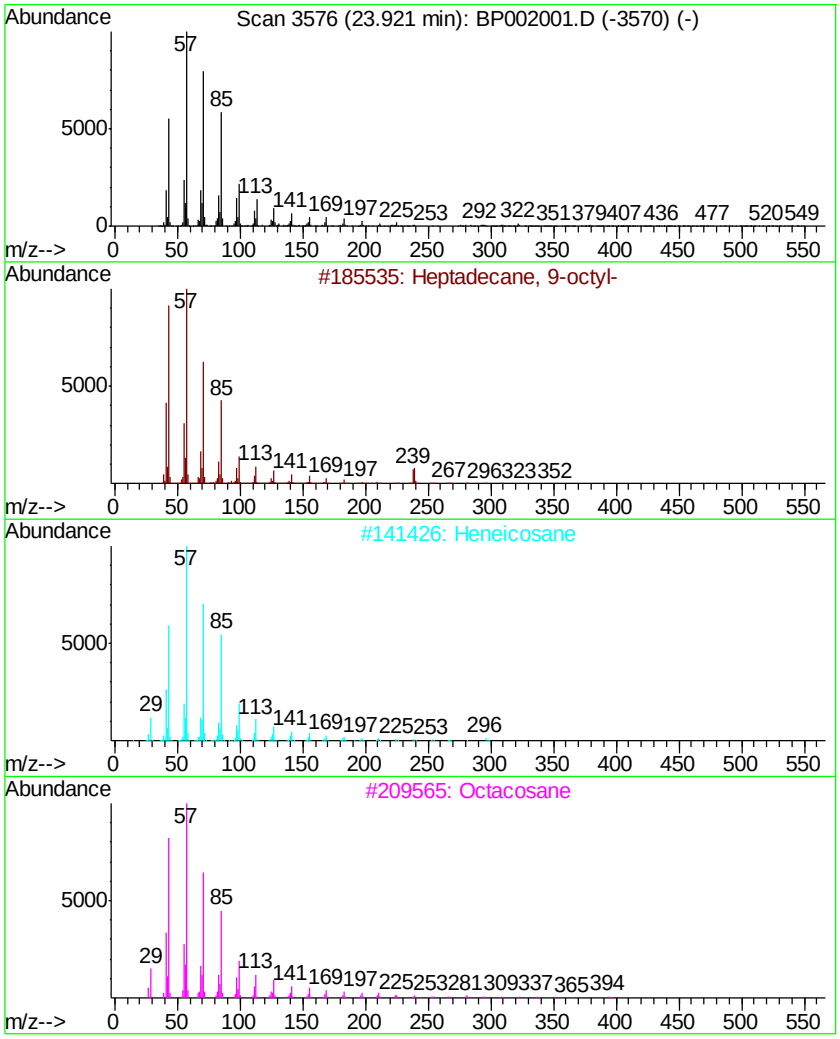
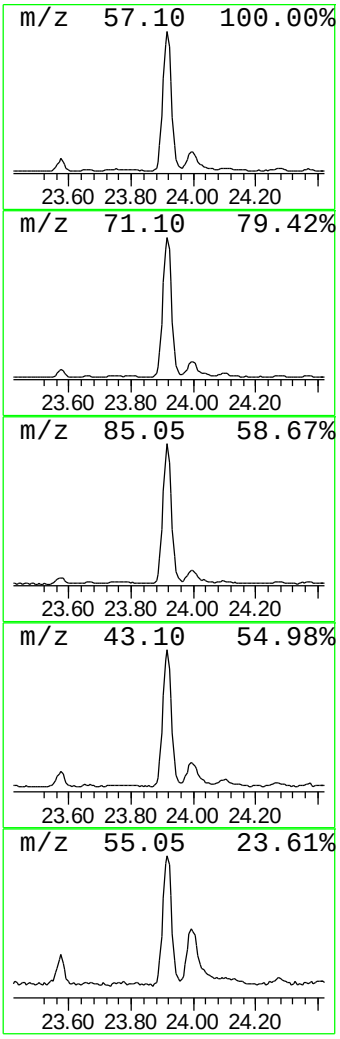
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	5.23 ng/ul	1115790	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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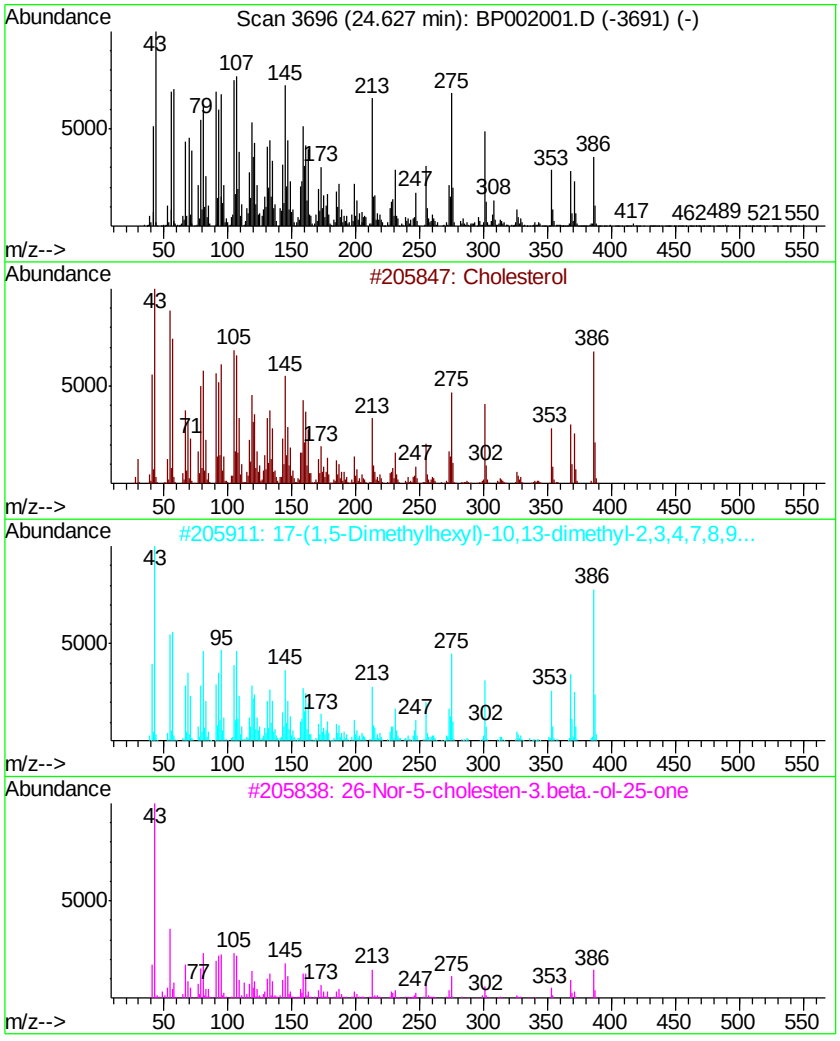
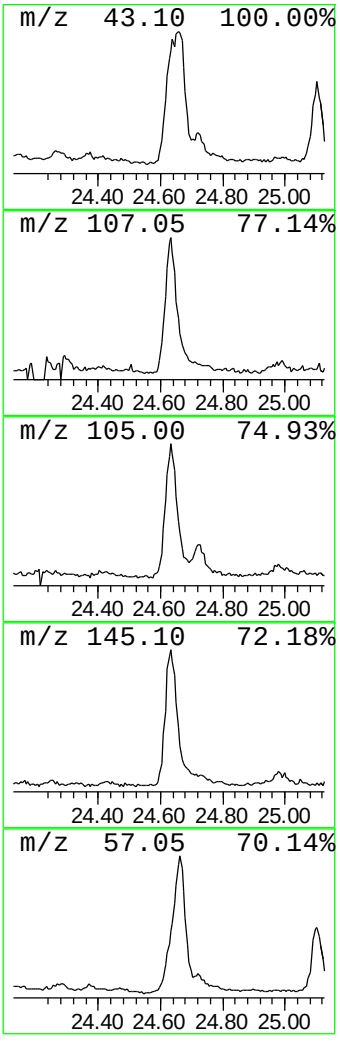
Peak Number 13 Cholesterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	8.06 ng/ul	1718530	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	95
4	Cholesterol	386	C27H46O	000057-88-5	95
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	70





Library Search Compound Report

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Sample : L1616-10
Misc :
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Instrument : BNA_P
ClientSampleId : DBDQ4

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Quant Title : SVOA CALIBRATION

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

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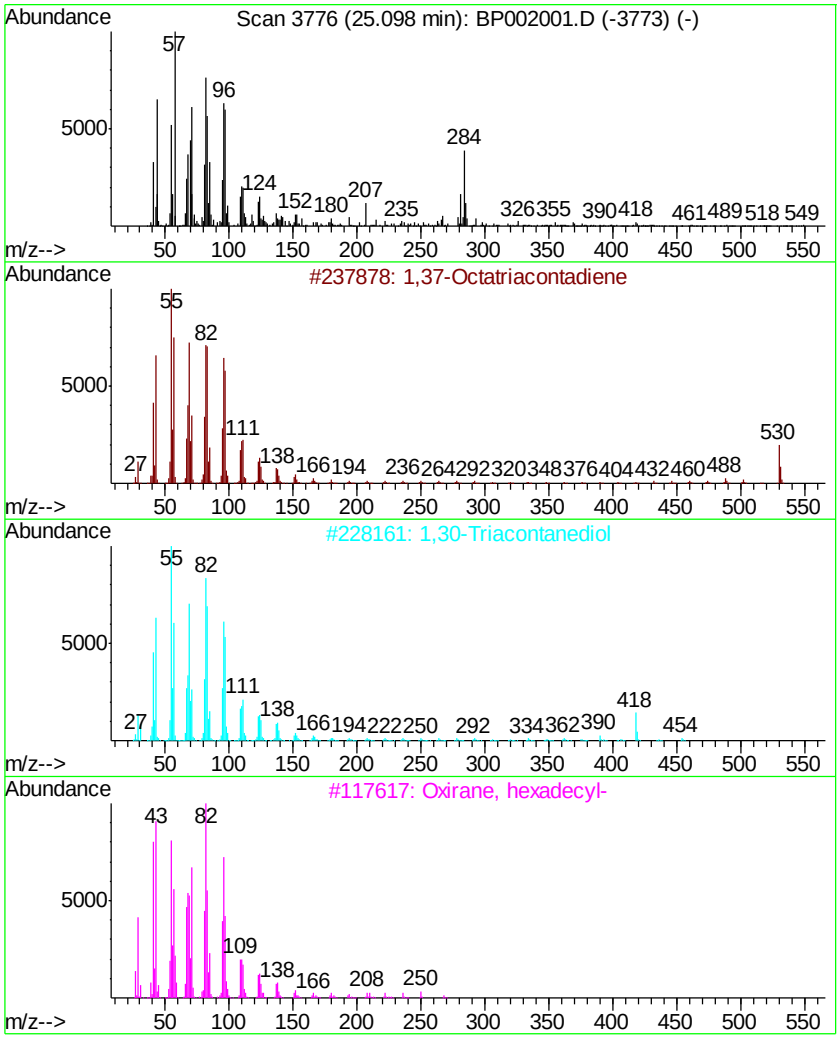
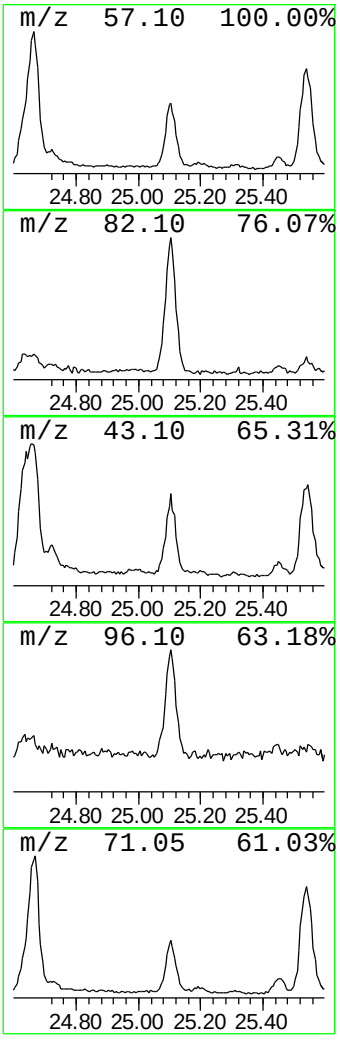
Peak Number 14 1,37-Octatriacontadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.57 ng/ul	549213	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	83
2	1,30-Triacontanediol	454	C30H62O2	036645-68-8	80
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
4	Heptadecanal	254	C17H34O	1000376-70-0	64
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	62





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Sample : L1616-10
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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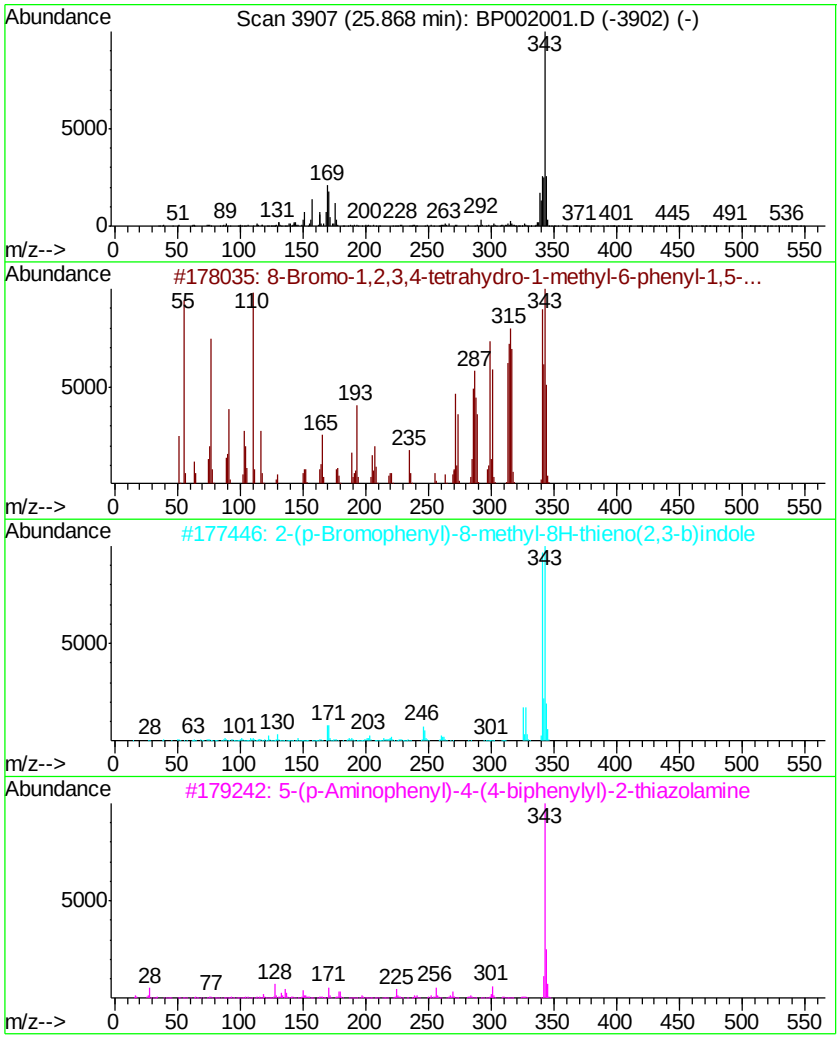
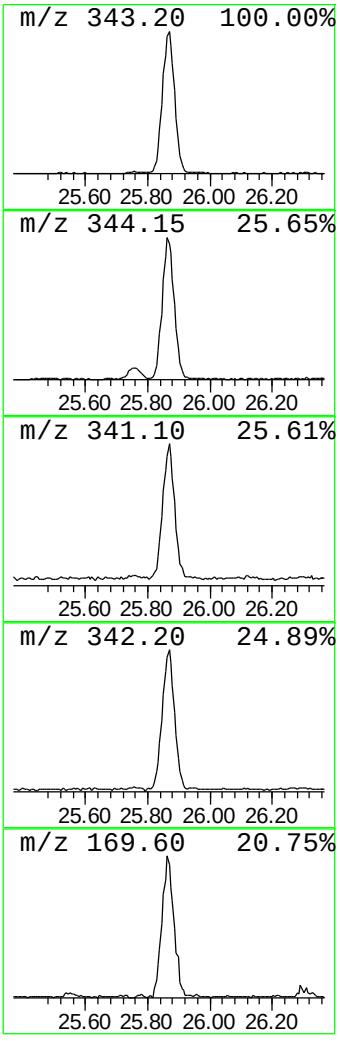
Peak Number 15 8-Bromo-1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	6.08 ng/ul	1296470	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	95
2	2-(p-Bromophenyl)-8-methyl-8H-th...	341	C17H12BrNS	022315-11-3	50
3	5-(p-Aminophenyl)-4-(4-biphenylyl...	343	C21H17N3S	094863-57-7	38
4	4-(4-Amino-6-piperidin-1-yl-[1,3...	343	C17H21N5O3	1000276-02-9	37
5	Indene-1,3(2H)-dione, 2-(2-metho...	343	C22H17NO3	349497-72-9	25





Tentatively Identified Compound (LSC) summary

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Sample : L1616-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
Butane, 2-methoxy...	2.92	27.6	ng/ul	2190020	1	7.64	1586420	20.0
Butanoic acid	3.82	7.1	ng/ul	560705	1	7.64	1586420	20.0
.beta.-Pinene	7.10	2.6	ng/ul	204548	1	7.64	1586420	20.0
N-(4-Methoxypheny...	16.08	3.6	ng/ul	673864	4	17.03	3749060	20.0
n-Hexadecanoic acid	17.95	2.3	ng/ul	432438	4	17.03	3749060	20.0
unknown-01	18.76	2.6	ng/ul	495701	4	17.03	3749060	20.0
Pyrene, 1-methyl-	19.86	2.3	ng/ul	764484	5	21.12	6772960	20.0
1-Heneicosanol	20.86	3.3	ng/ul	1102670	5	21.12	6772960	20.0
unknown-02	22.53	2.2	ng/ul	471382	6	23.33	4266920	20.0
Benzo[e]pyrene	22.84	2.2	ng/ul	470835	6	23.33	4266920	20.0
Perylene	23.14	11.1	ng/ul	2360520	6	23.33	4266920	20.0
(DEL) Alkane: Str...	23.92	5.2	ng/ul	1115790	6	23.33	4266920	20.0
Cholesterol	24.63	8.1	ng/ul	1718530	6	23.33	4266920	20.0
1,37-Octatriacont...	25.10	2.6	ng/ul	549213	6	23.33	4266920	20.0
8-Bromo-1,2,3,4-t...	25.87	6.1	ng/ul	1296470	6	23.33	4266920	20.0