LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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-BP021820MA.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	2.923	3	6	26	rVB	2850674	4077177	31.86%	2.134%
2	3.899	167	172	184	rVB	318095	470956	3.68%	0.246%
3	6.828	653	670	679	rBV	1745429	2849036	22.27%	1.491%
4	6.993	690	698	707	rBV	1366674	2152912	16.83%	1.127%
5	7.187	724	731	744	rVV	1884638	2997449	23.43%	1.569%
6	7.652	802	810	818	rBV	1350311	2096775	16.39%	1.097%
7	8.358	923	930	942	rVV	1928622	3047635	23.82%	1.595%
8	8.793	991	1004	1018	rBV	2217792	3646178	28.50%	1.908%
9	8.975	1030	1035	1045	rVV	220505	330810	2.59%	0.173%
10	9.287	1081	1088	1096	rBV	455836	696411	5.44%	0.364%
11	9.511	1118	1126	1134	rBV	1451723	2356753	18.42%	1.233%
12	10.052	1210	1218	1230	rVB	2363351	3946591	30.84%	2.065%
13	10.422	1273	1281	1287	rBV	1821700	3177887	24.84%	1.663%
14	10.475	1287	1290	1297	rVV	163490	270139	2.11%	0.141%
15	10.557	1297	1304	1323	rVB	1704407	3062229	23.93%	1.603%
16	12.093	1559	1565	1574	rVB	131003	217059	1.70%	0.114%
17	12.604	1644	1652	1658	rVV	119862	225240	1.76%	0.118%
18	12.669	1658	1663	1674	rVB	352294	621846	4.86%	0.325%
19	13.204	1747	1754	1760	rVV2	120997	236867	1.85%	0.124%
20	13.281	1761	1767	1771	rVV	136874	256642	2.01%	0.134%
21	13.340	1773	1777	1785	rVB	199058	327406	2.56%	0.171%
22	13.610	1813	1823	1828	rBV	88055	175314	1.37%	0.092%
23	13.704	1833	1839	1844	rVV	4244795	5925727	46.31%	3.101%
24	13.746	1844	1846	1851	rVV	259127	329359	2.57%	0.172%
25	13.975	1878	1885	1897	rVV	4853192	7832480	61.21%	4.099%
26	14.287	1931	1938	1944	rBV2	2856368	4362526	34.09%	2.283%
27	14.351	1944	1949	1953	rBV	327255	476813	3.73%	0.250%
28	14.487	1966	1972	1982	rBV	1825205	2636251	20.60%	1.380%
29	14.687	2002	2006	2016	rVV	225271	393355	3.07%	0.206%
30	15.287	2101	2108	2113	rVV	6560349	9253425	72.32%	4.842%
31	15.340	2113	2117	2122	rVV2	341906	485069	3.79%	0.254%
32	15.404	2122	2128	2136	rVV	1716393	2355961	18.41%	1.233%
33	15.528	2142	2149	2153	rVV2	77016	177877	1.39%	0.093%
34	15.787	2188	2193	2200	rVV	170246	301581	2.36%	0.158%

LSC Area Percent Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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-BP021820MA.M
Title : SVOA CALIBRATION

35	16.028	2228	2234	2239	rVV3	94452	254883	1.99%	0.133%
36	16.351	2278	2289	2294	rBV4	81766	243768	1.91%	0.128%
37	16.592	2325	2330	2333	rVV2	126496	211725	1.65%	0.111%
38	16.692	2343	2347	2357	rVB2	153818	276020	2.16%	0.144%
39	16.857	2369	2375	2380	rVB2	182743	329021	2.57%	0.172%
40	17.040	2400	2406	2410	rBV	3625364	5225702	40.84%	2.735%
41	17.081	2410	2413	2418	rVV	3665526	4993300	39.02%	2.613%
42	17.140	2418	2423	2427	rVV2	6274132	9130246	71.35%	4.778%
43	17.175	2427	2429	2434	rVV	864050	936121	7.32%	0.490%
44	17.439	2470	2474	2480	rBV	322695	494772	3.87%	0.259%
45	17.916	2550	2555	2559	rVV	506119	741651	5.80%	0.388%
46	17.963	2559	2563	2570	rVB	736098	976953	7.63%	0.511%
47	18.034	2570	2575	2580	rBV2	218458	386737	3.02%	0.202%
48	18.104	2581	2587	2590	rVV2	737120	1253903	9.80%	0.656%
49	18.139	2590	2593	2598	rVB	348300	447621	3.50%	0.234%
50	18.257	2609	2613	2617	rVB2	137226	206434	1.61%	0.108%
51	18.404	2633	2638	2641	rBV	417886	585771	4.58%	0.307%
52	18.645	2676	2679	2683	rVB	146786	176841	1.38%	0.093%
53	18.692	2684	2687	2690	rVV	160395	208266	1.63%	0.109%
54	18.728	2691	2693	2697	rVV	138850	178048	1.39%	0.093%
55	18.804	2701	2706	2711	rVV2	515536	916308	7.16%	0.480%
56	18.869	2712	2717	2720	rVV3	321900	574288	4.49%	0.301%
57	18.898	2720	2722	2725	rVV	152103	158175	1.24%	0.083%
58	18.939	2725	2729	2737	rVB3	299551	517316	4.04%	0.271%
59	19.063	2744	2750	2757	rVB	5922726	7697014	60.15%	4.028%
60	19.204	2771	2774	2778	rBV	141550	175454	1.37%	0.092%
61	19.298	2787	2790	2794	rVB	154767	200461	1.57%	0.105%
62	19.386	2799	2805	2808	rBV	8456277	12795758	100.00%	6.696%
63	19.410	2808	2809	2817	rVB	4694974	4792401	37.45%	2.508%
64	19.486	2819	2822	2829	rVB2	233764	383467	3.00%	0.201%
65	19.557	2830	2834	2835	rBV4	161944	233547	1.83%	0.122%
66	19.586	2835	2839	2847	rBV	427234	698931	5.46%	0.366%
67	19.733	2858	2864	2869	rBV2	552332	1303848	10.19%	0.682%
68	19.863	2882	2886	2888	rBV2	448489	667157	5.21%	0.349%
69	19.898	2888	2892	2898	rVV	969922	1455416	11.37%	0.762%
70	19.951	2898	2901	2904	rVB	342456	344904	2.70%	0.180%
71	19.992	2905	2908	2912	rVB	616371	744334	5.82%	0.390%

LSC Area Percent Report

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Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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-BP021820MA.M
Title : SVOA CALIBRATION

72	20.051	2913	2918	2922	rBV2	699946	1128980	8.82%	0.591%
73	20.186	2937	2941	2945	rBV	458623	578100	4.52%	0.303%
74	20.233	2945	2949	2953	rVV2	337088	494468	3.86%	0.259%
75	20.433	2980	2983	2987	rBV4	302747	329108	2.57%	0.172%
76	20.622	3012	3015	3023	rVB	577261	883799	6.91%	0.463%
77	20.704	3025	3029	3036	rVV	674546	915520	7.15%	0.479%
78	20.828	3047	3050	3053	rBV	479508	540539	4.22%	0.283%
79	20.875	3053	3058	3063	rBV3	2724413	4198801	32.81%	2.197%
80	21.133	3095	3102	3105	rBV2	4100662	8249520	64.47%	4.317%
81	21.169	3105	3108	3116	rVB	2367120	3119514	24.38%	1.632%
82	21.251	3119	3122	3125	rBV2	206567	249464	1.95%	0.131%
83	21.286	3125	3128	3130	rBV	349707	433891	3.39%	0.227%
84	21.310	3130	3132	3142	rVB3	520138	694089	5.42%	0.363%
85	21.433	3151	3153	3159	rBV2	230897	289164	2.26%	0.151%
86	21.751	3203	3207	3214	rVB2	1369883	1976566	15.45%	1.034%
87	22.210	3281	3285	3293	rVB	568913	807199	6.31%	0.422%
88	22.433	3320	3323	3329	rVB3	464449	587169	4.59%	0.307%
89	22.686	3360	3366	3368	rBV	1930745	3363717	26.29%	1.760%
90	22.751	3375	3377	3389	rVB3	1604439	2541245	19.86%	1.330%
91	22.851	3391	3394	3400	rVB	457972	724181	5.66%	0.379%
92	23.157	3441	3446	3450	rBV	1000200	1914435	14.96%	1.002%
93	23.210	3450	3455	3459	rVV	3953474	6872815	53.71%	3.597%
94	23.251	3459	3462	3467	rVB	1094347	1668767	13.04%	0.873%
95	23.345	3473	3478	3484	rBV	1930209	3604363	28.17%	1.886%
96	23.939	3574	3579	3586	rVB	1310505	2491191	19.47%	1.304%
97	24.016	3586	3592	3600	rBV	1284509	2603407	20.35%	1.362%
98	25.580	3850	3858	3871	rVB3	1437836	4080928	31.89%	2.136%
99	25.704	3874	3879	3888	rVB4	496915	1308488	10.23%	0.685%
100	26.263	3967	3974	3990	rVB	574611	1753844	13.71%	0.918%

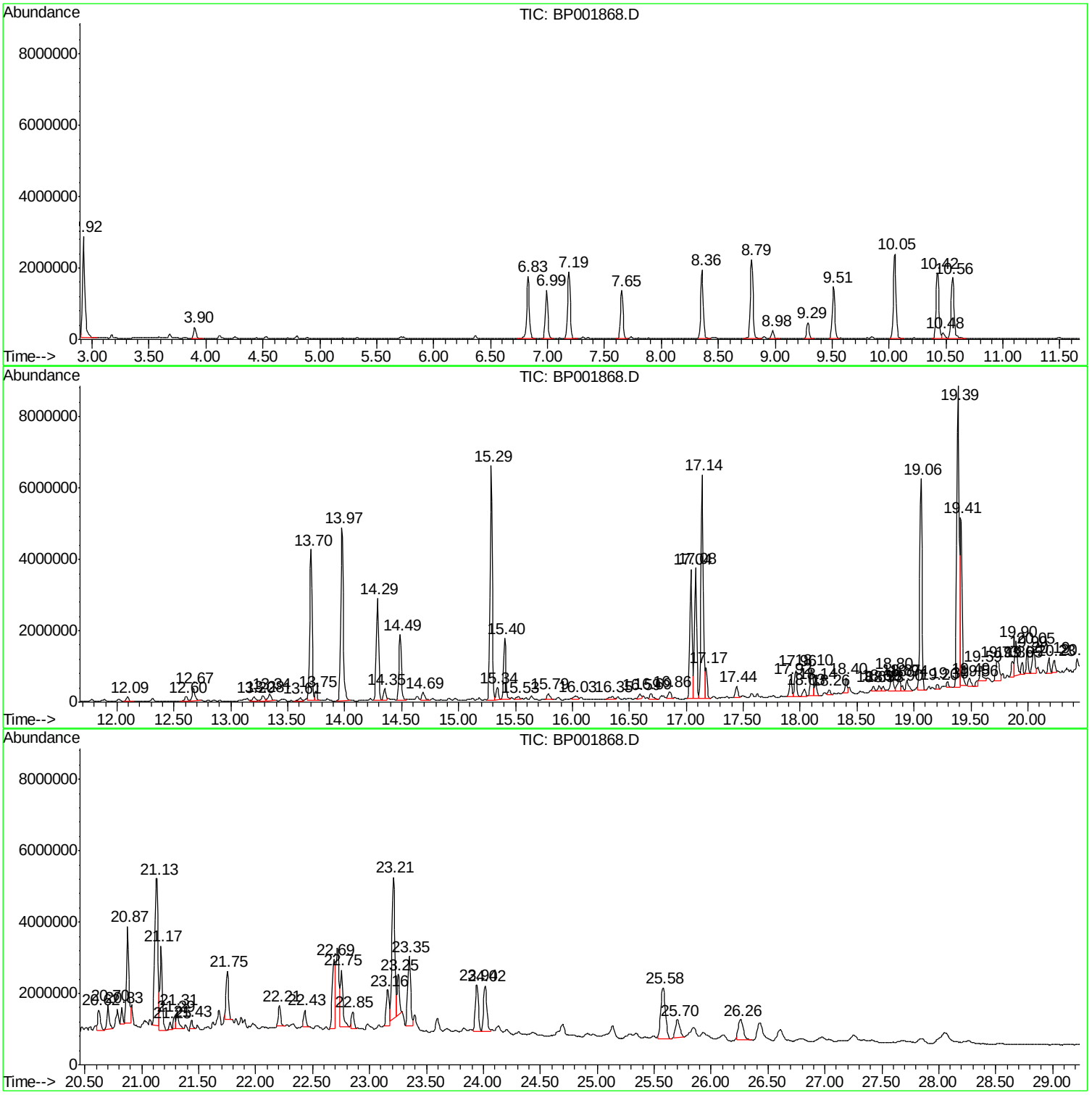
Sum of corrected areas: 191089570

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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\BP022420\
Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

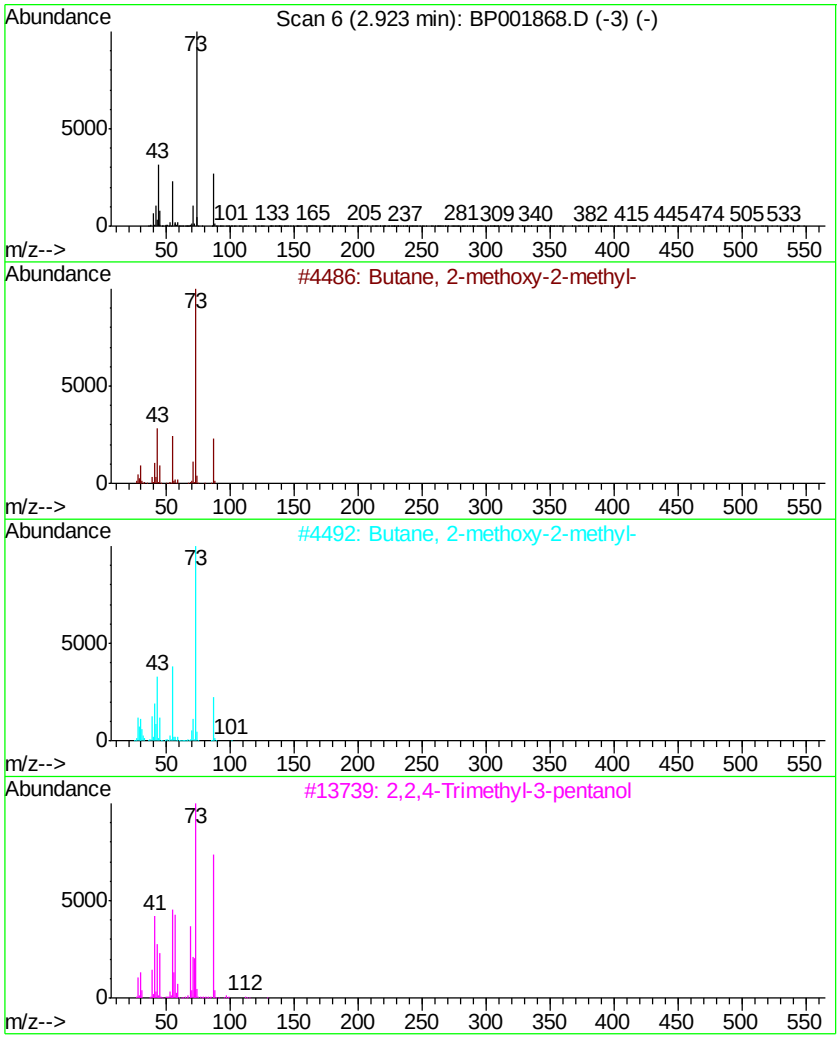
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

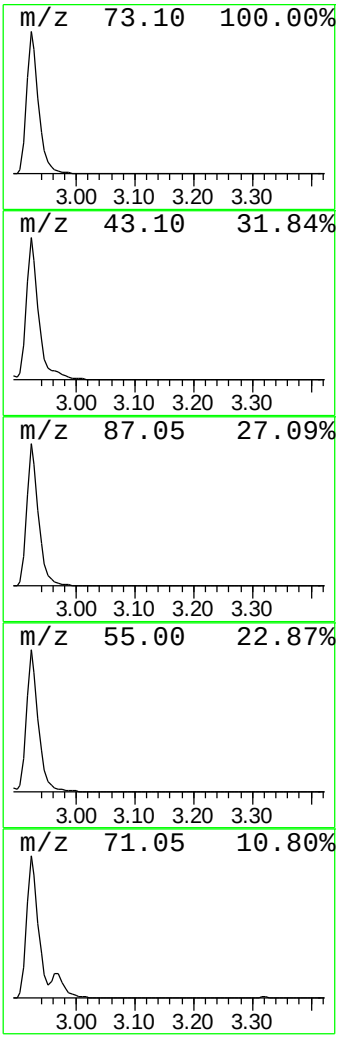
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	38.89 ng/ul	4077180	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

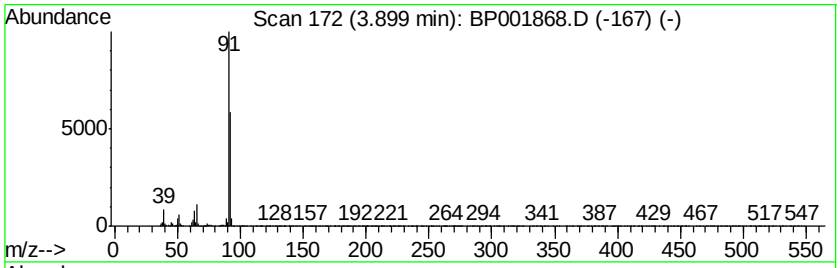
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

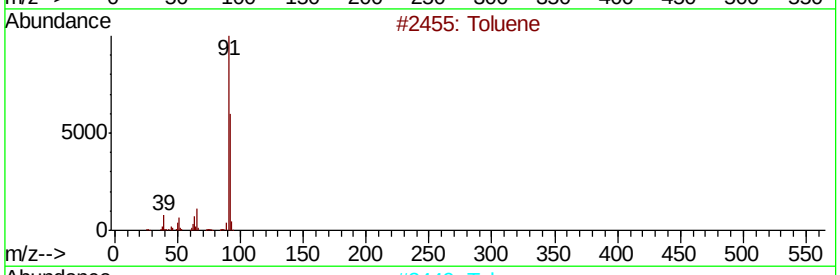
****

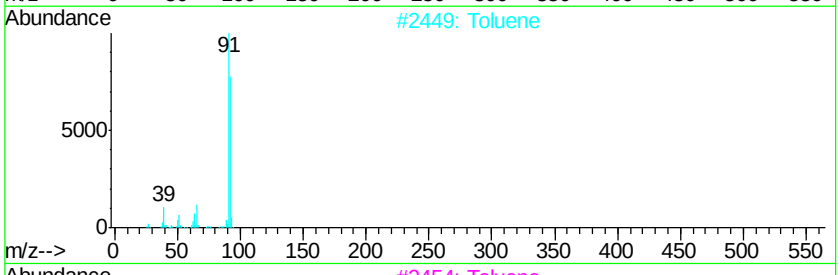
Peak Number 2 Toluene Concentration Rank 9

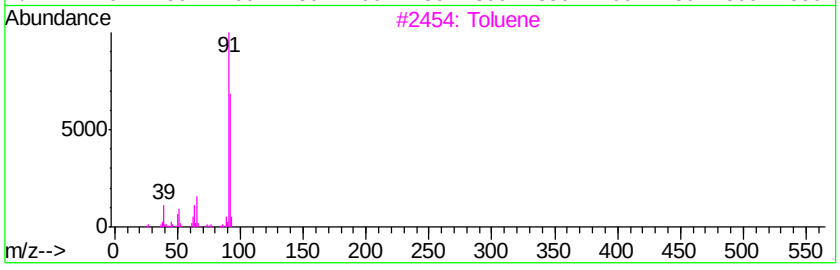
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	4.49 ng/ul	470956	1,4-Dichlorobenzene-d4	7.65

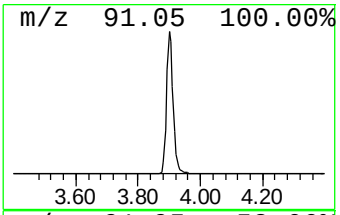
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91

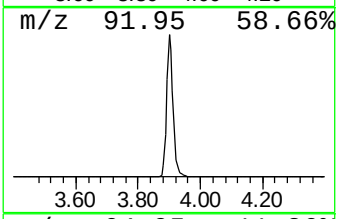


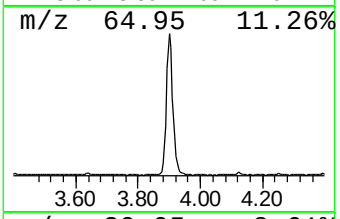


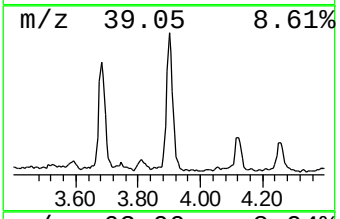


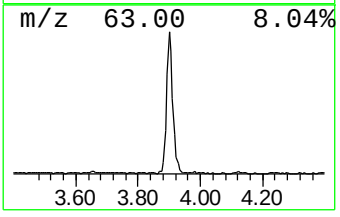












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Data File : BP001868.D
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Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

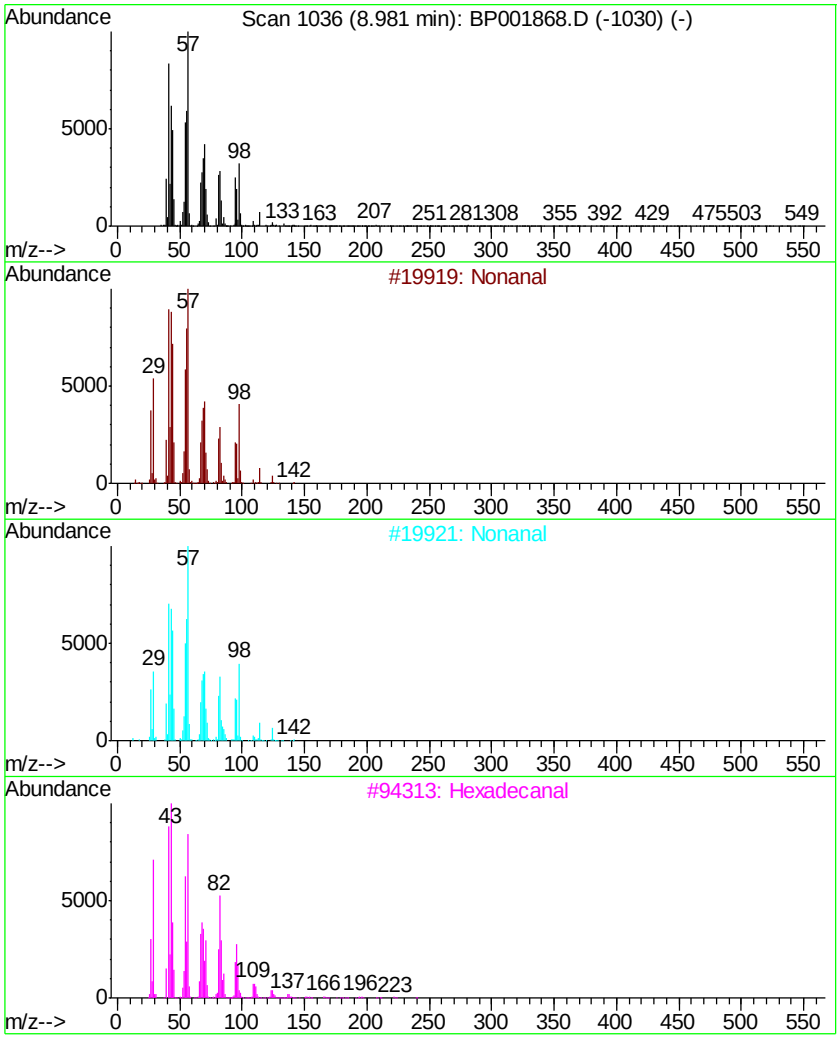
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

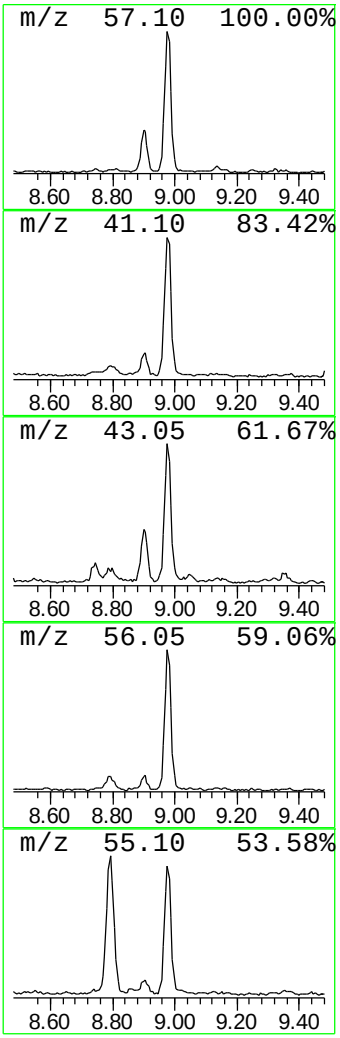
****

Peak Number 3 Nonanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	3.16 ng/ul	330810	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	93
2	Nonanal	142	C9H18O	000124-19-6	81
3	Hexadecanal	240	C16H32O	000629-80-1	43
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	41
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	41





Library Search Compound Report

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Data File : BP001868.D
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Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

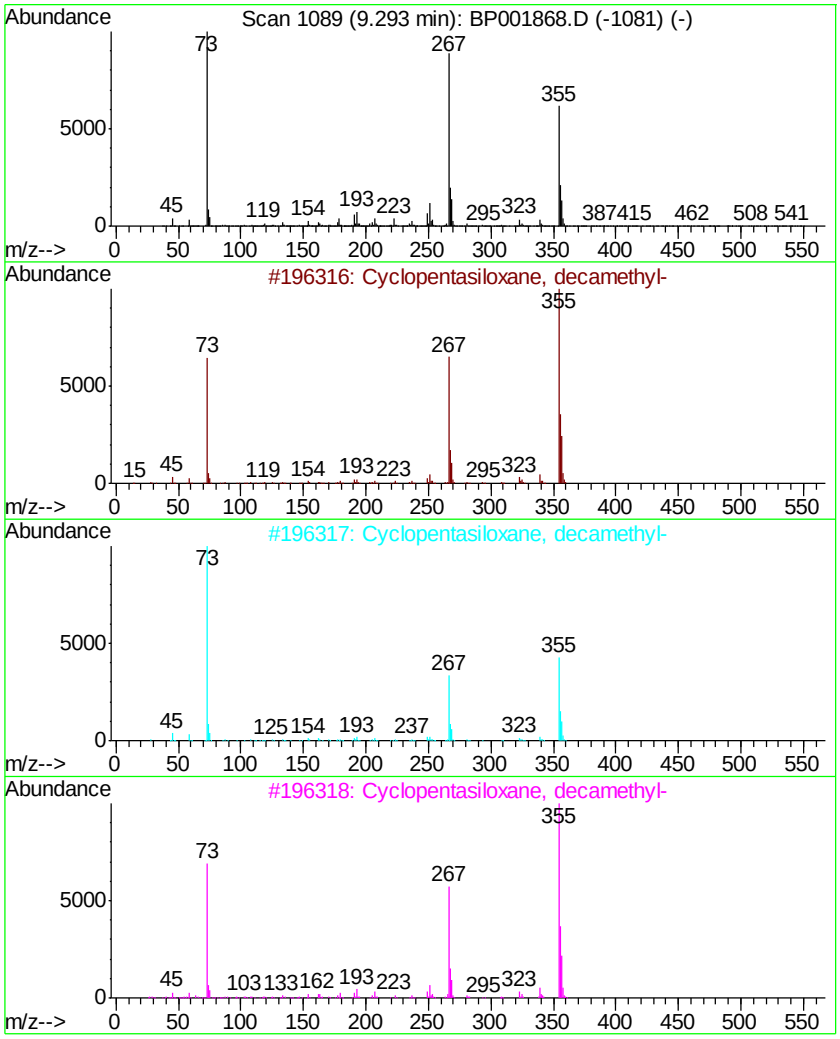
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

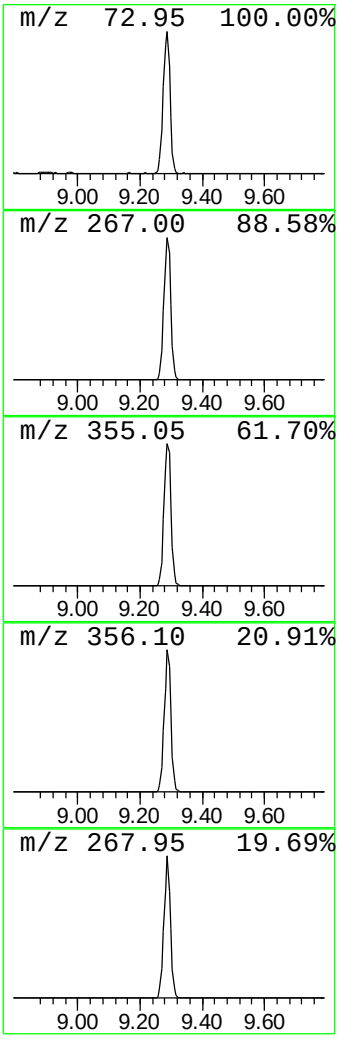
****

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	4.38 ng/ul	696411	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
4	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	83
5	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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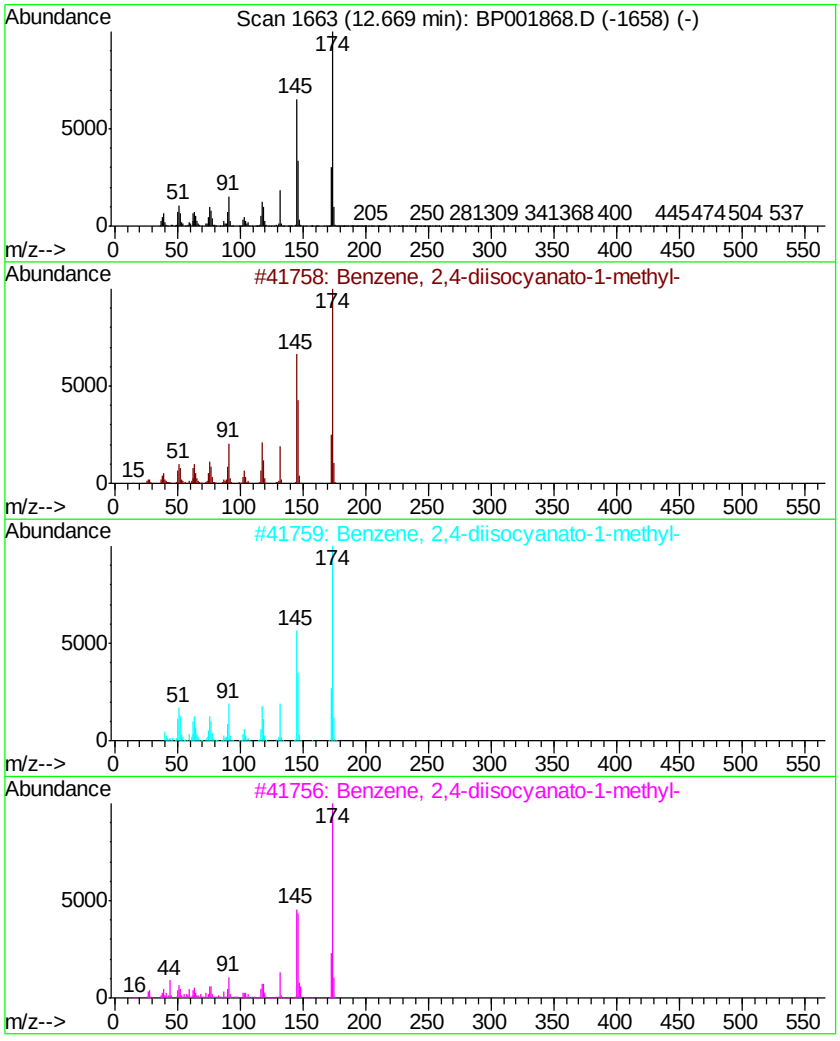
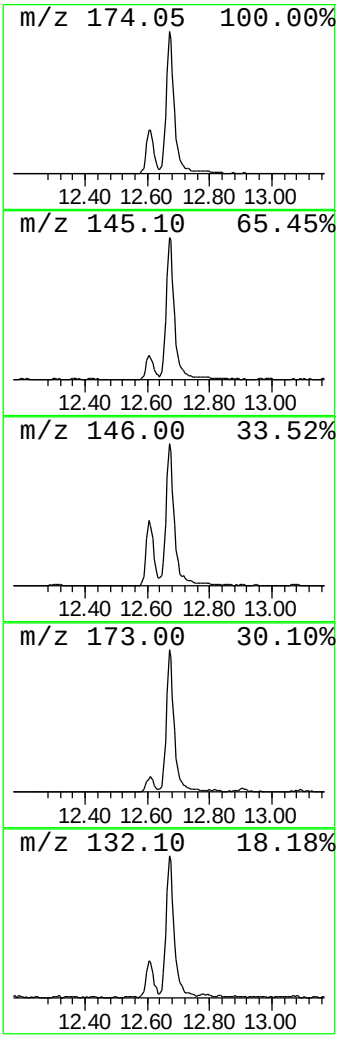
Peak Number 5 Benzene, 2,4-diisocyanato-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.85 ng/ul	621846	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	96
2	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	95
3	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	90
4	Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	80
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	68





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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

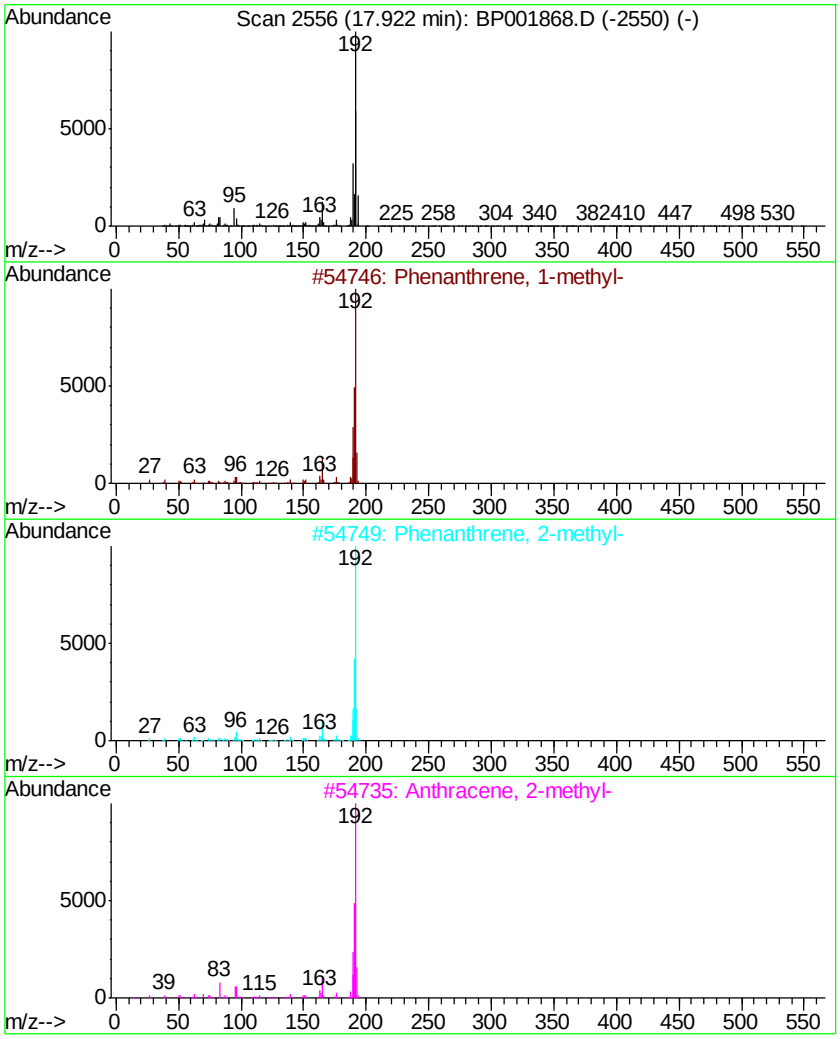
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

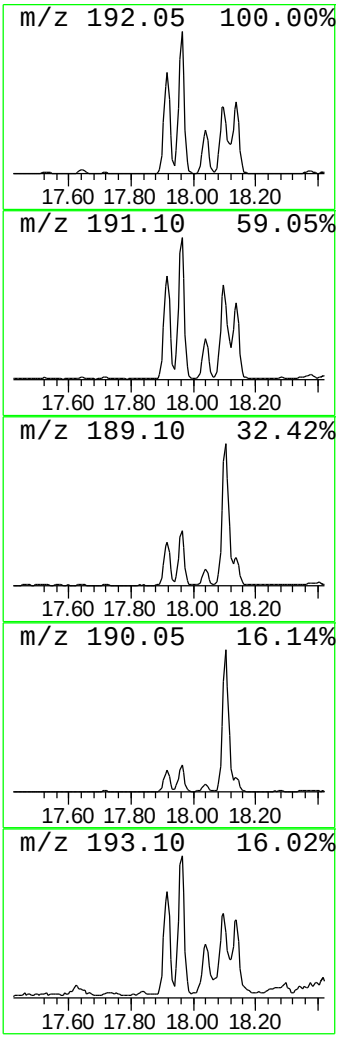
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.84 ng/ul	741651	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

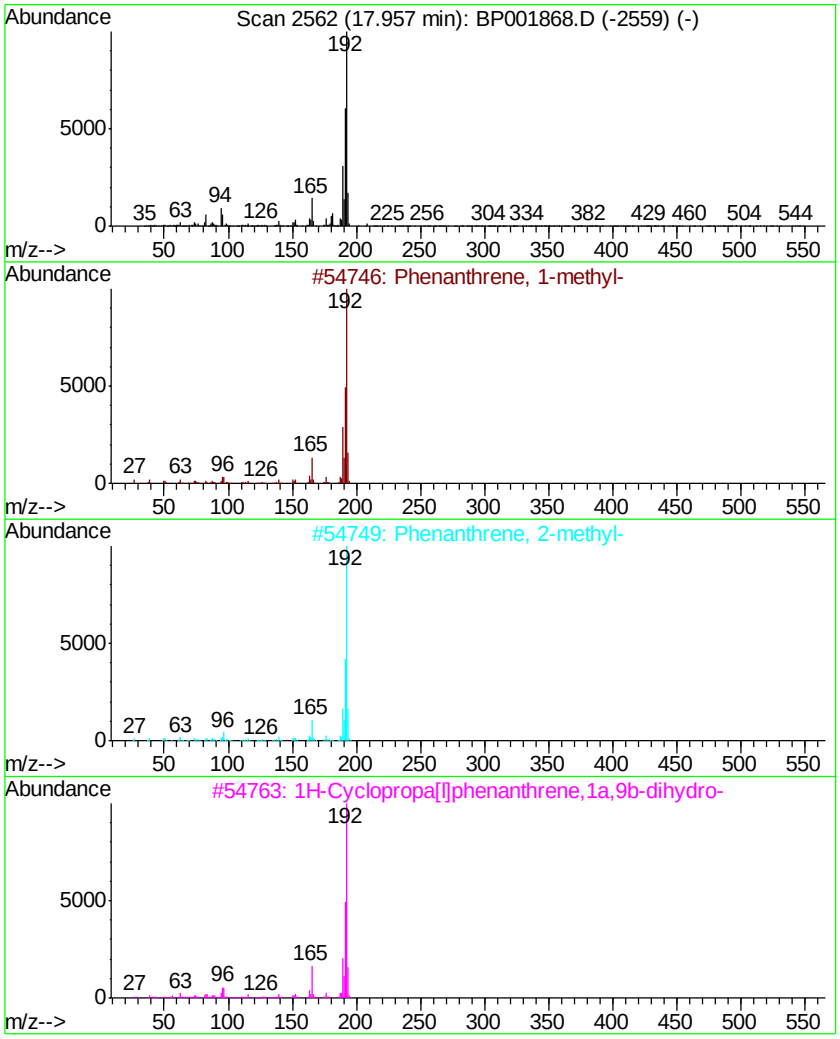
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

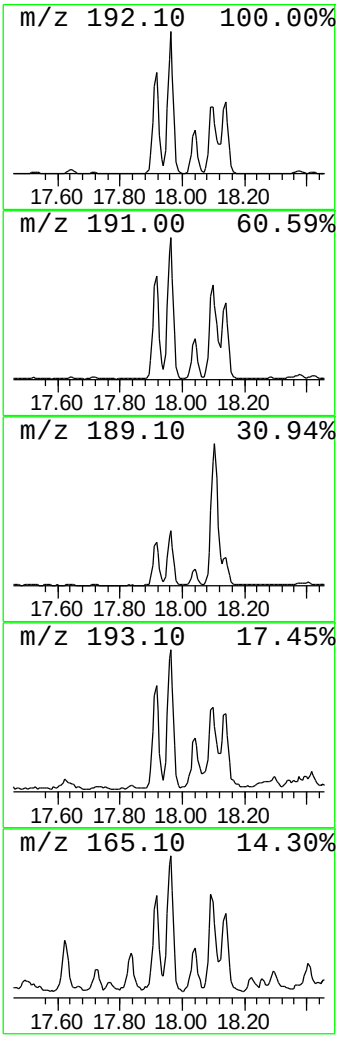
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.74 ng/ul	976953	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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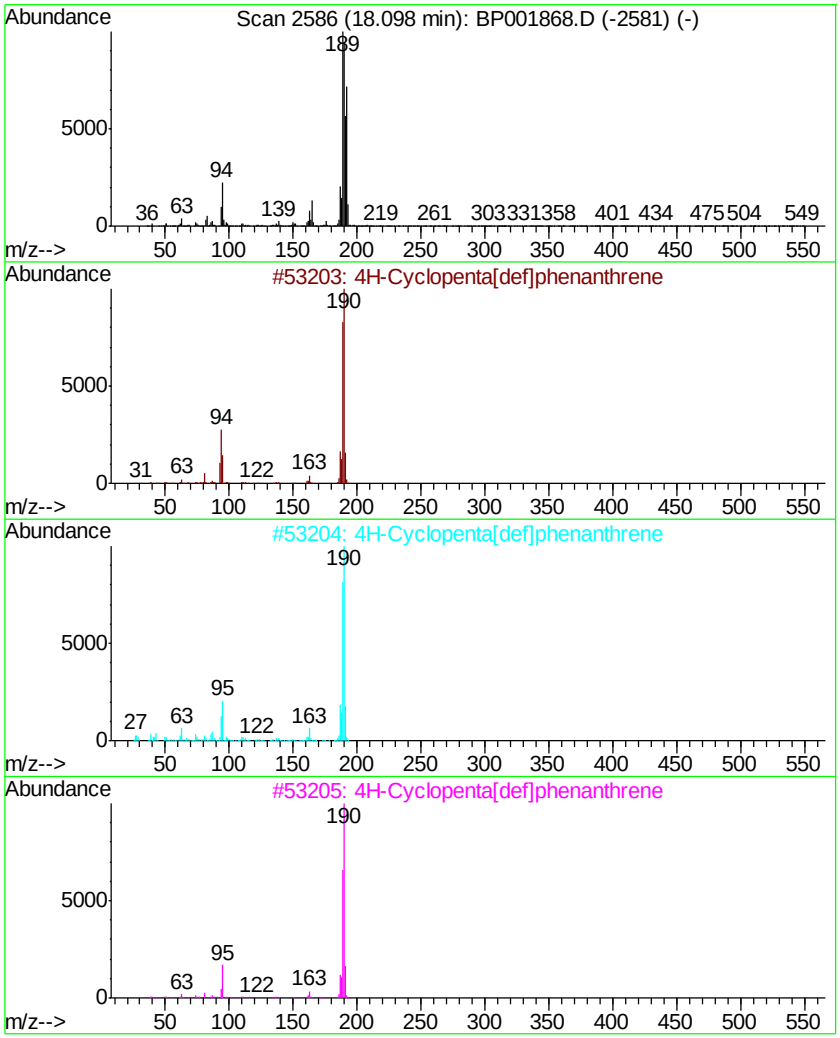
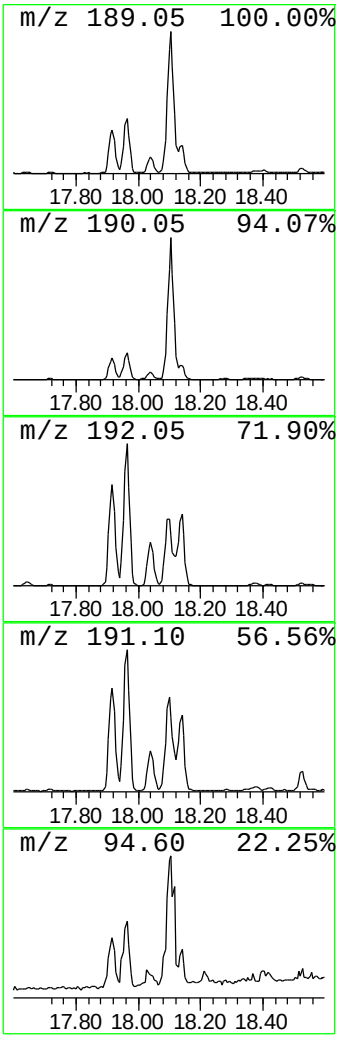
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.80 ng/ul	1253900	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





Library Search Compound Report

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Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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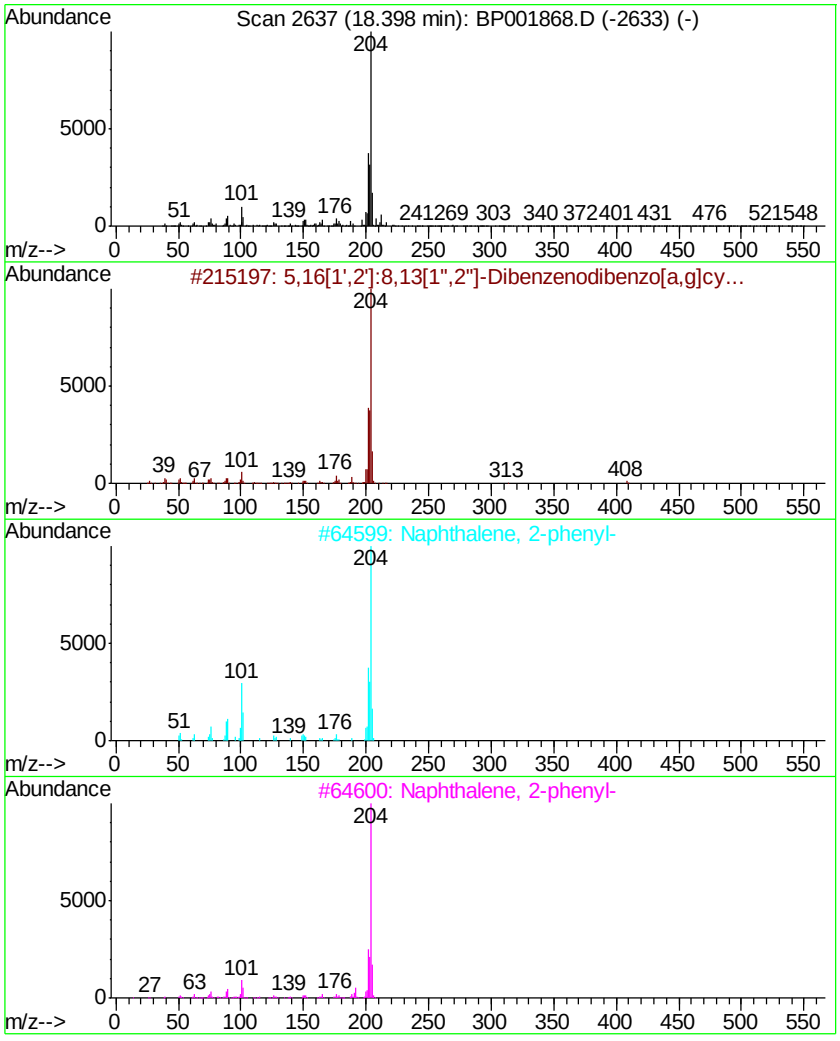
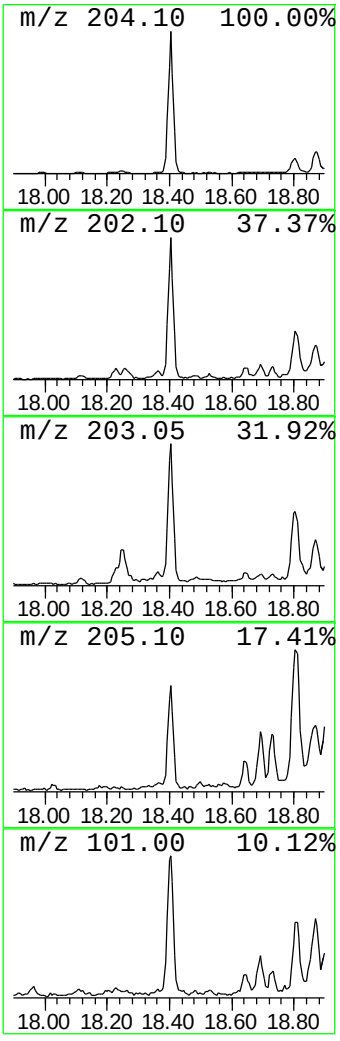
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.24 ng/ul	585771	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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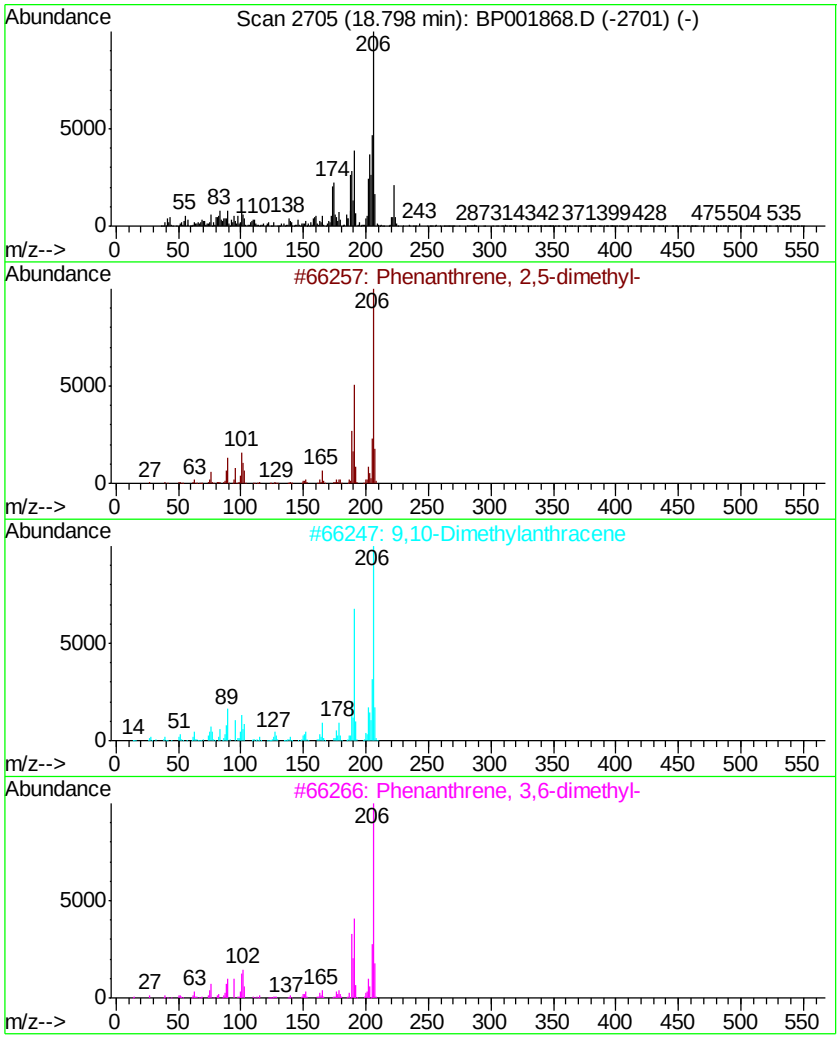
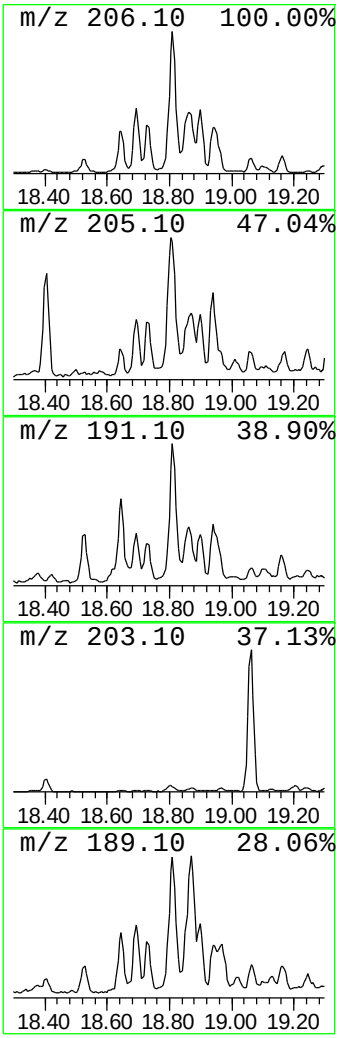
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.51 ng/ul	916308	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





Library Search Compound Report

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Operator : CG/JU
Sample : L1536-12
Misc :
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Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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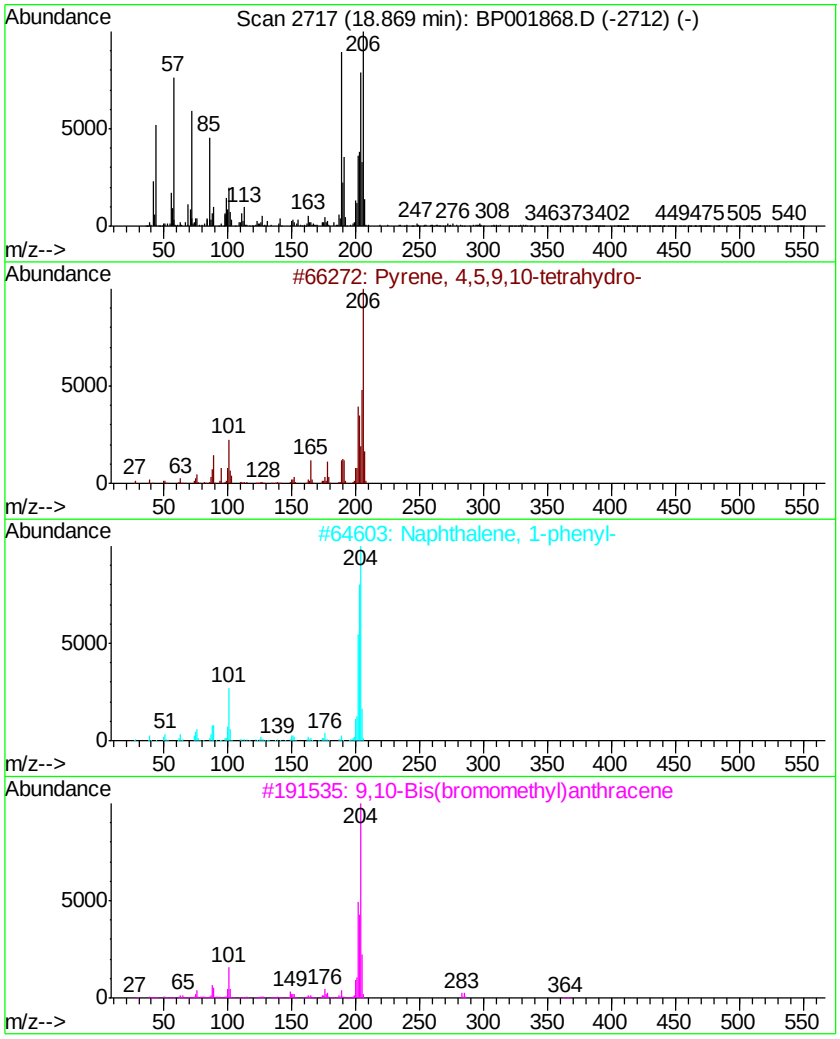
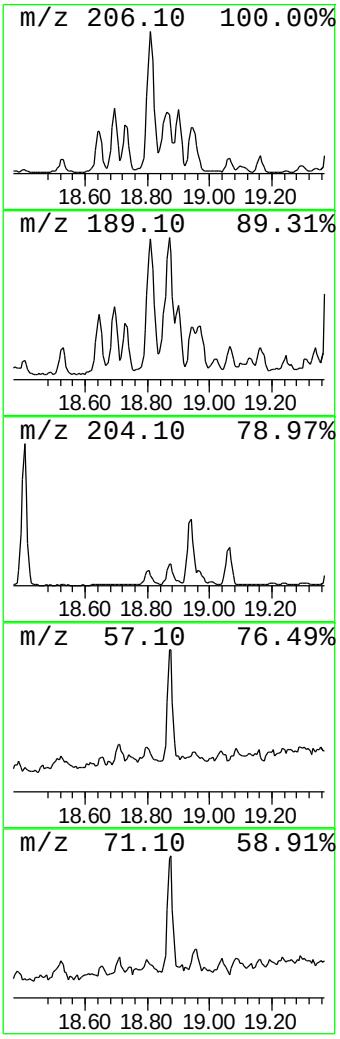
Peak Number 11 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.20 ng/ul	574288	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	25





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Quant Title : SVOA CALIBRATION

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

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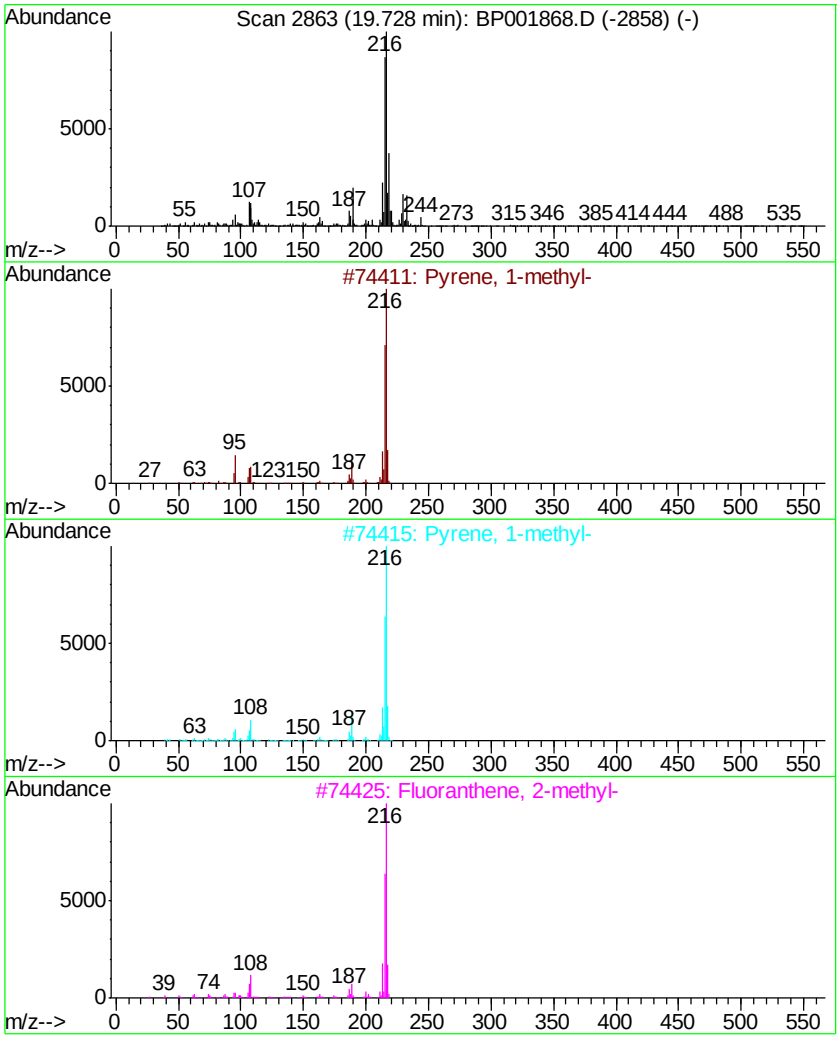
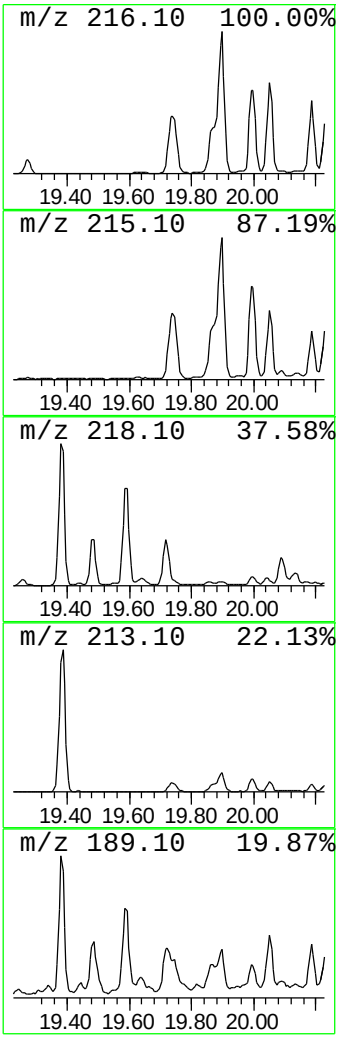
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	3.16 ng/ul	1303850	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





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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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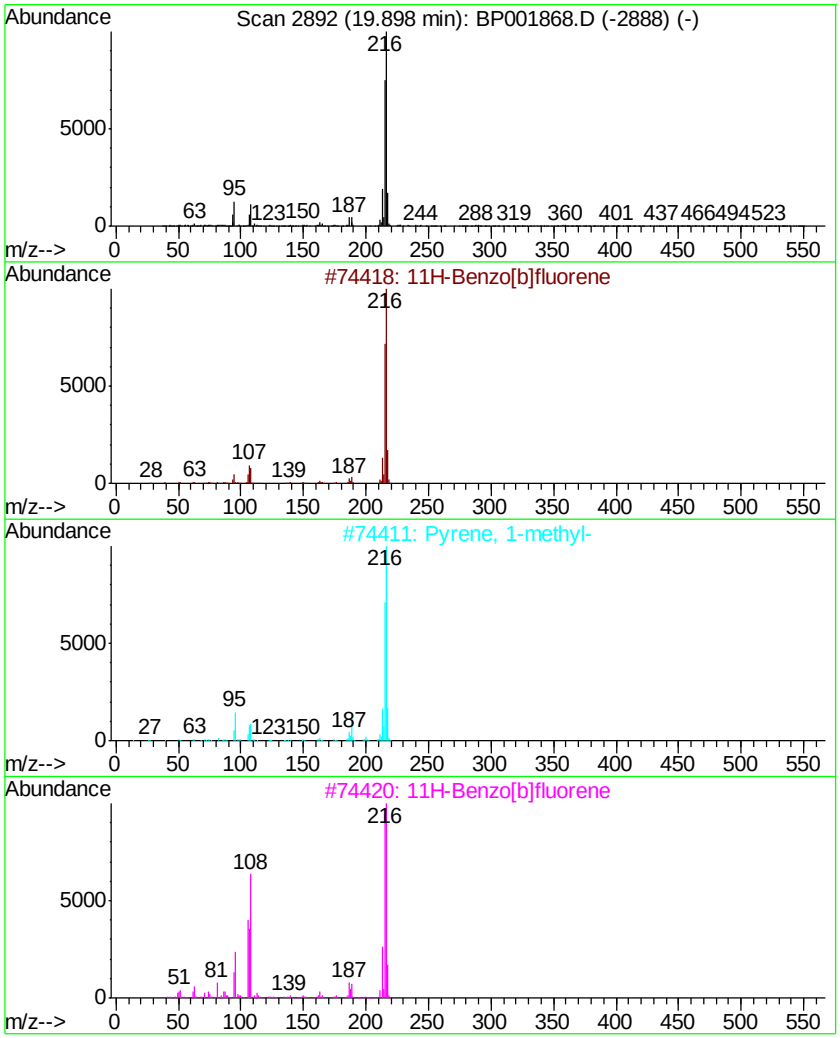
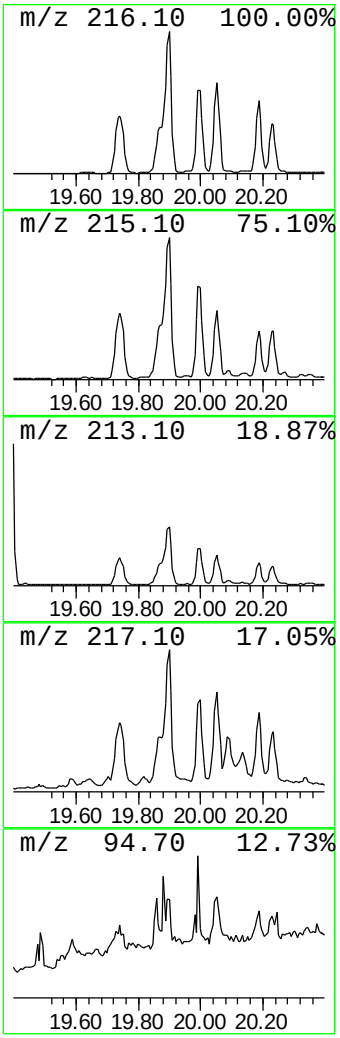
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.53 ng/ul	1455420	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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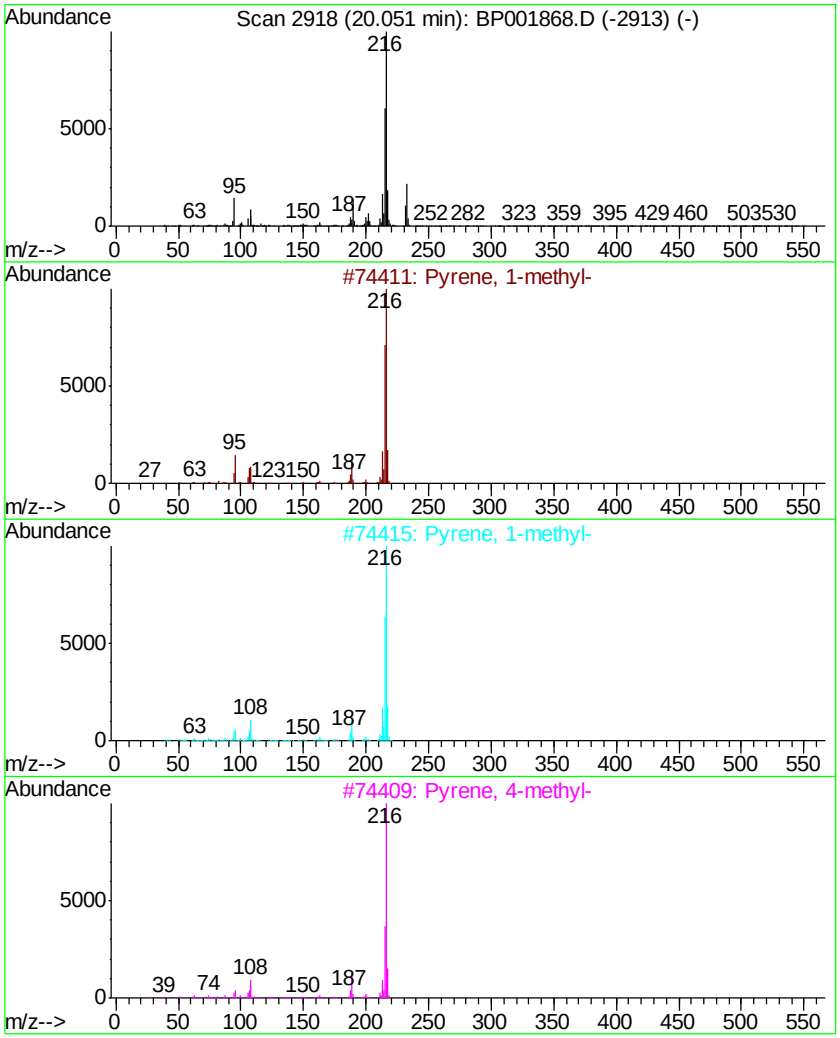
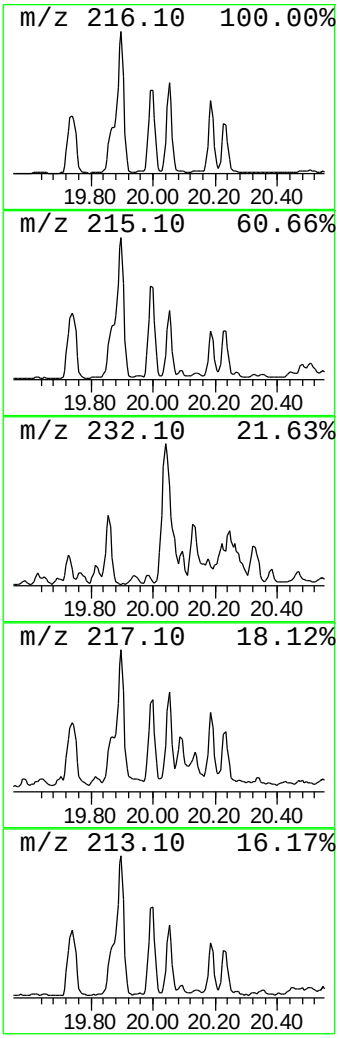
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.74 ng/ul	1128980	Chrysene-d12	21.13

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	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : CB6X2

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Quant Title : SVOA CALIBRATION

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

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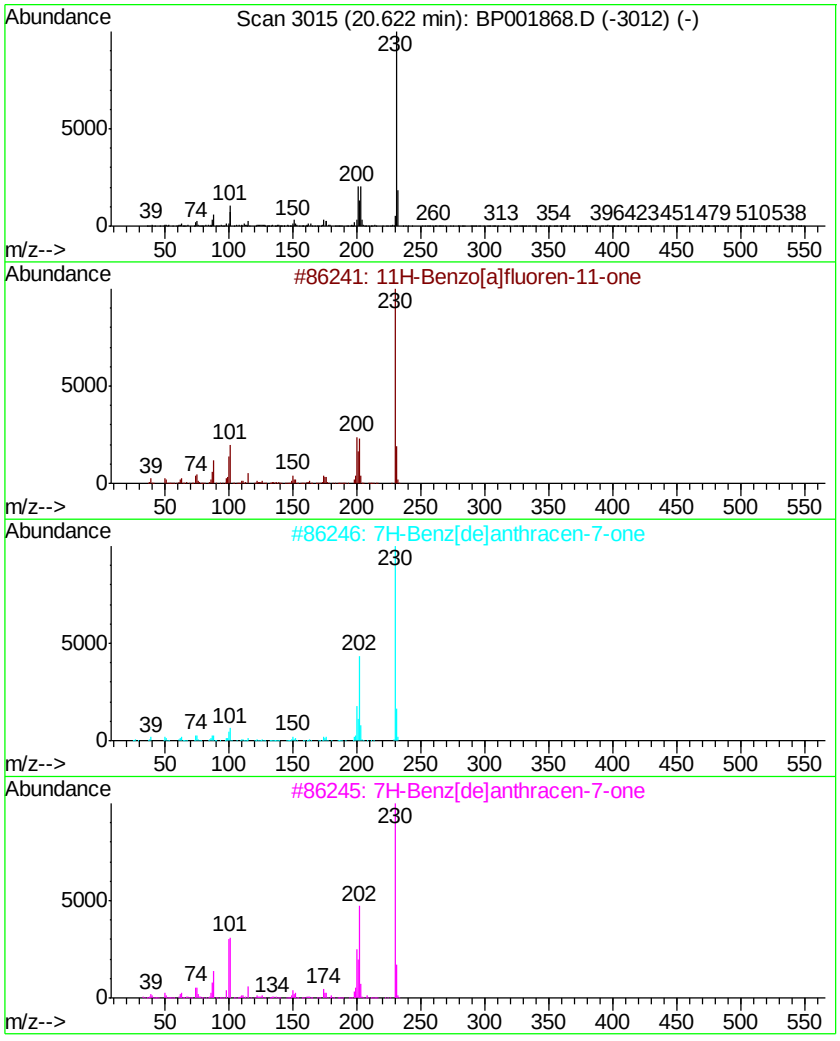
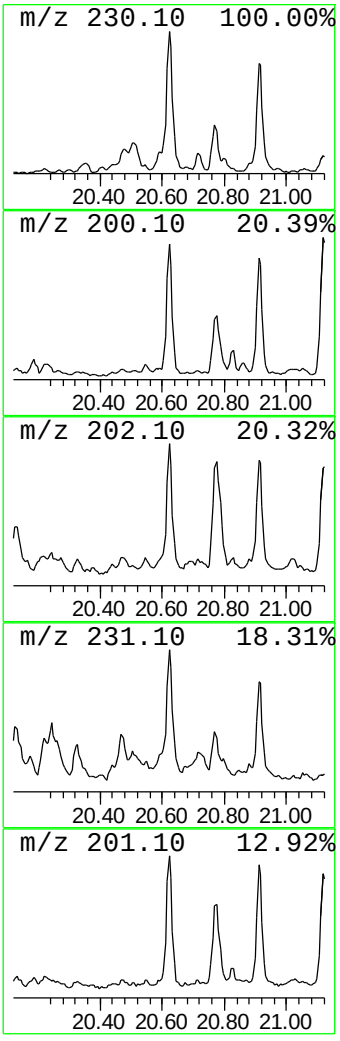
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.14 ng/ul	883799	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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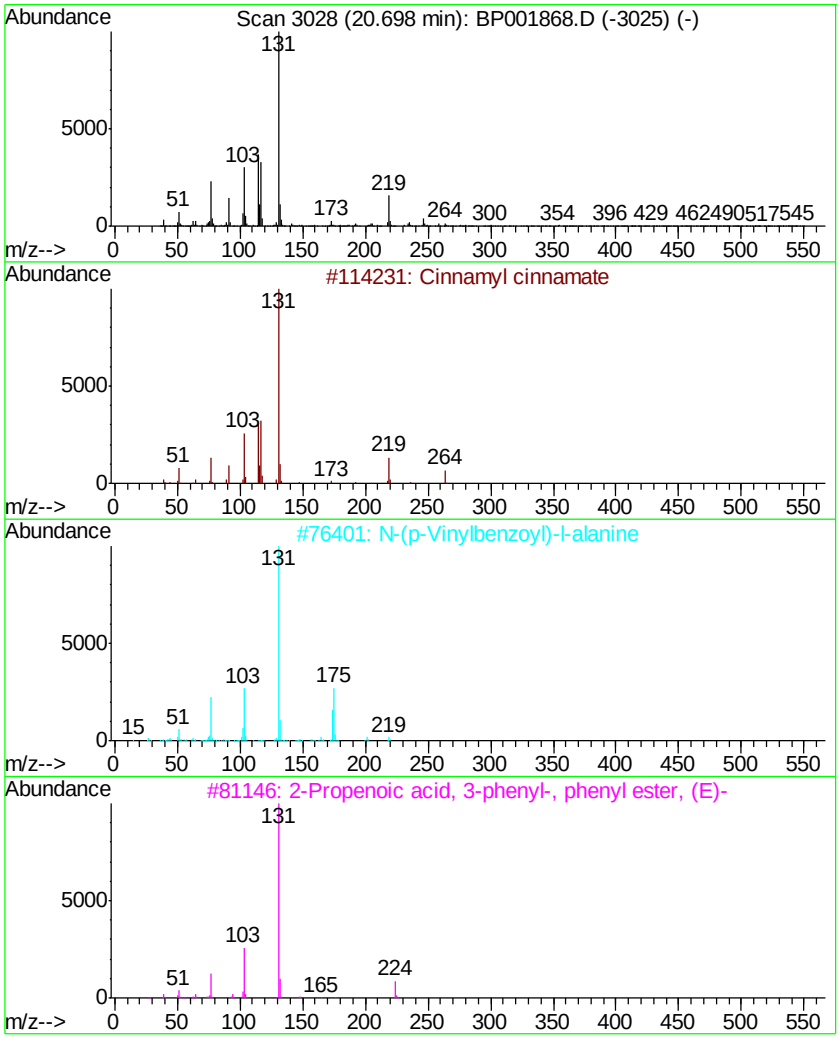
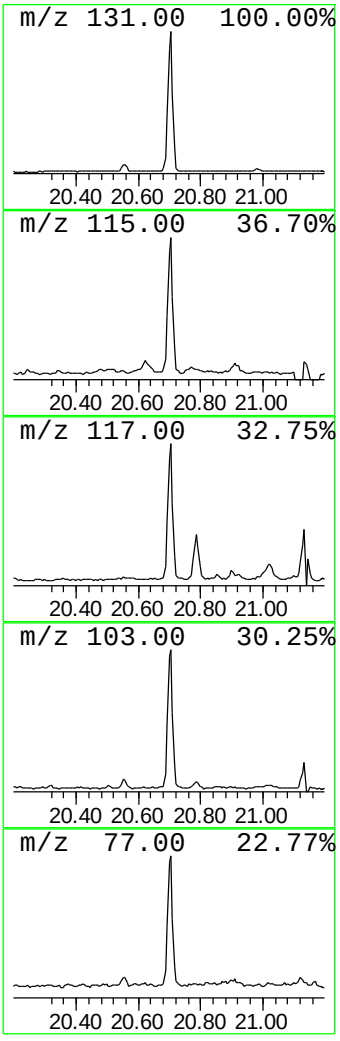
Peak Number 16 Cinnamyl cinnamate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.22 ng/ul	915520	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
3	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	50
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	50
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	50





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

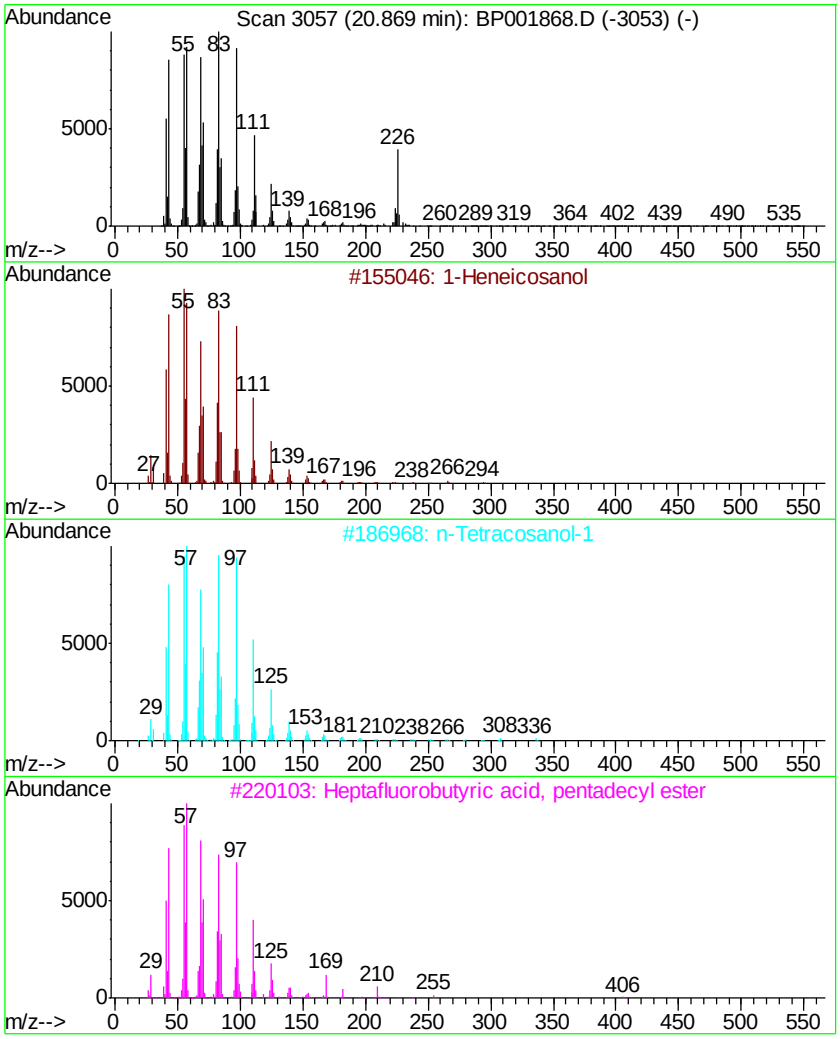
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

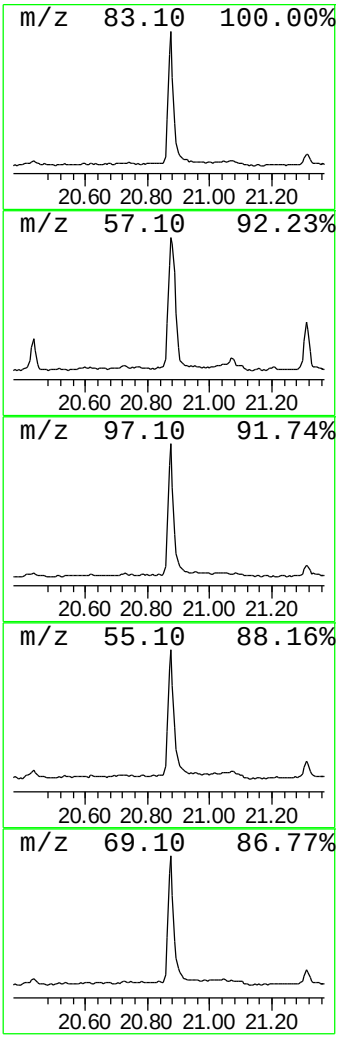
****

Peak Number 17 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	10.18 ng/ul	4198800	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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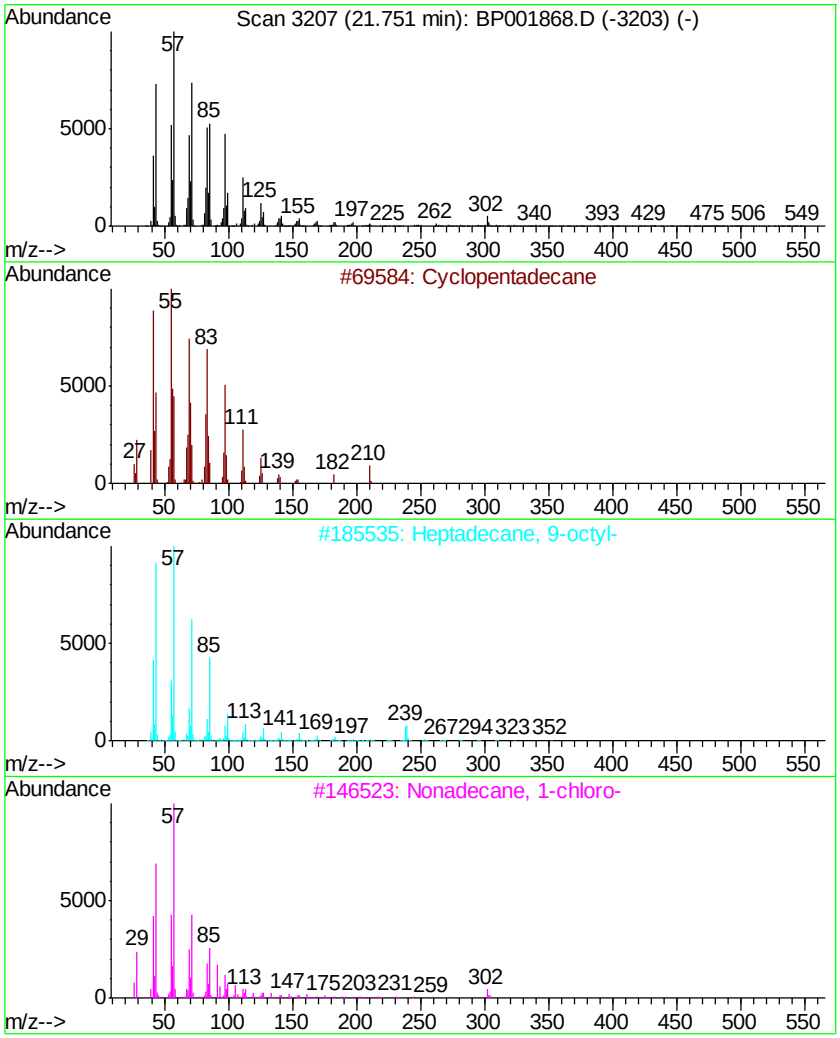
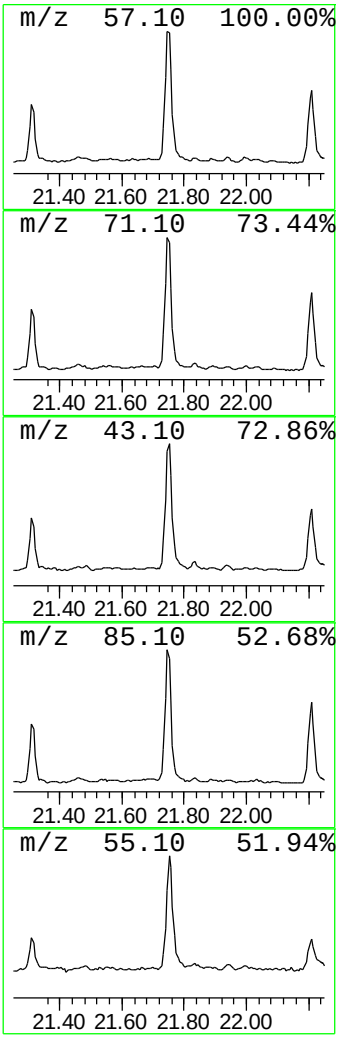
Peak Number 18 (DEL) Alkane: Cyclic21.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	4.79 ng/ul	1976570	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	81
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	76
4	1-Hexacosanol	382	C26H54O	000506-52-5	70
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	60





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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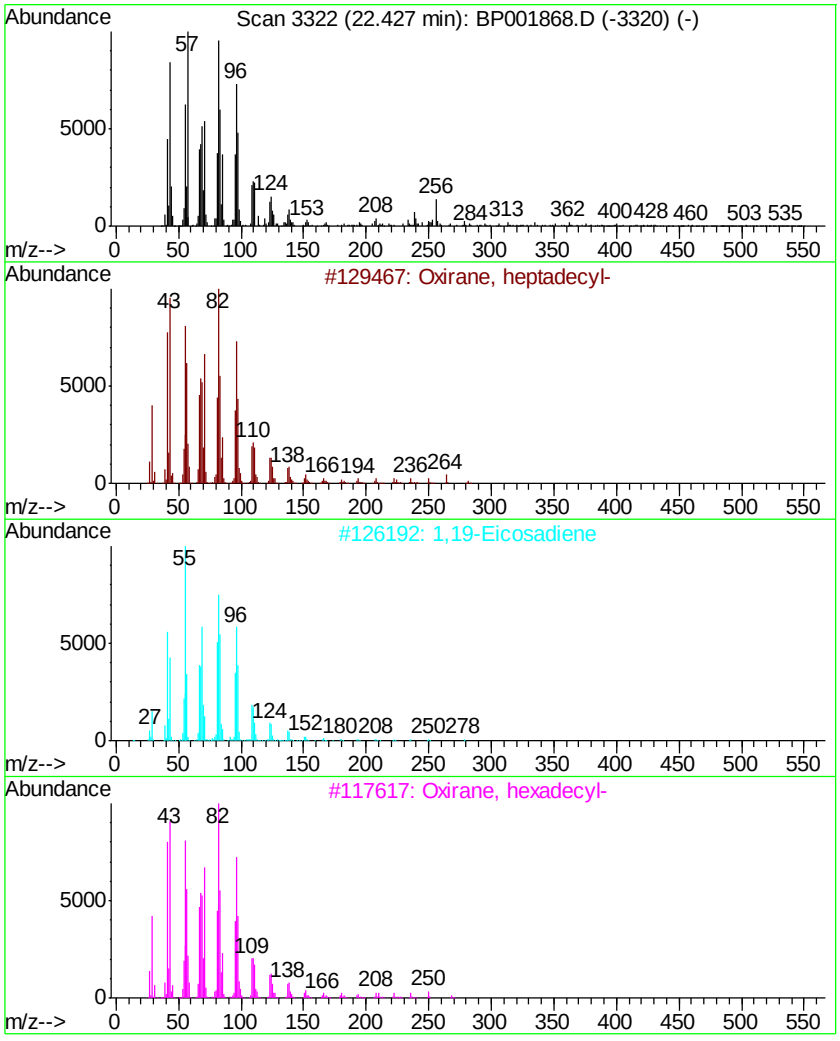
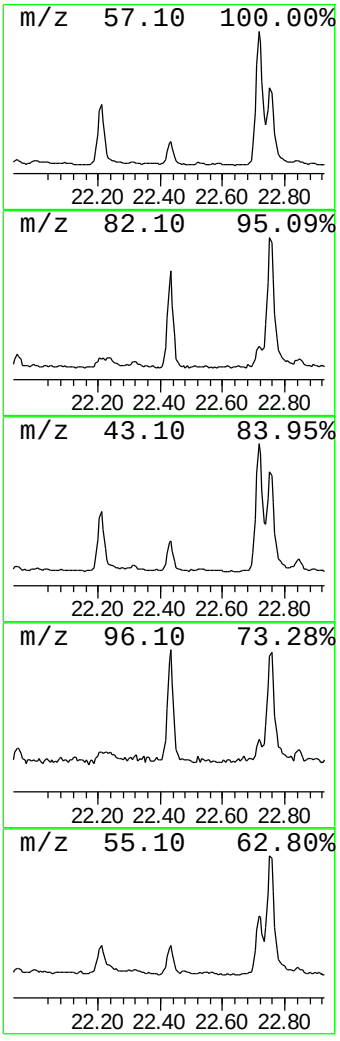
Peak Number 19 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.26 ng/ul	587169	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





Library Search Compound Report

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Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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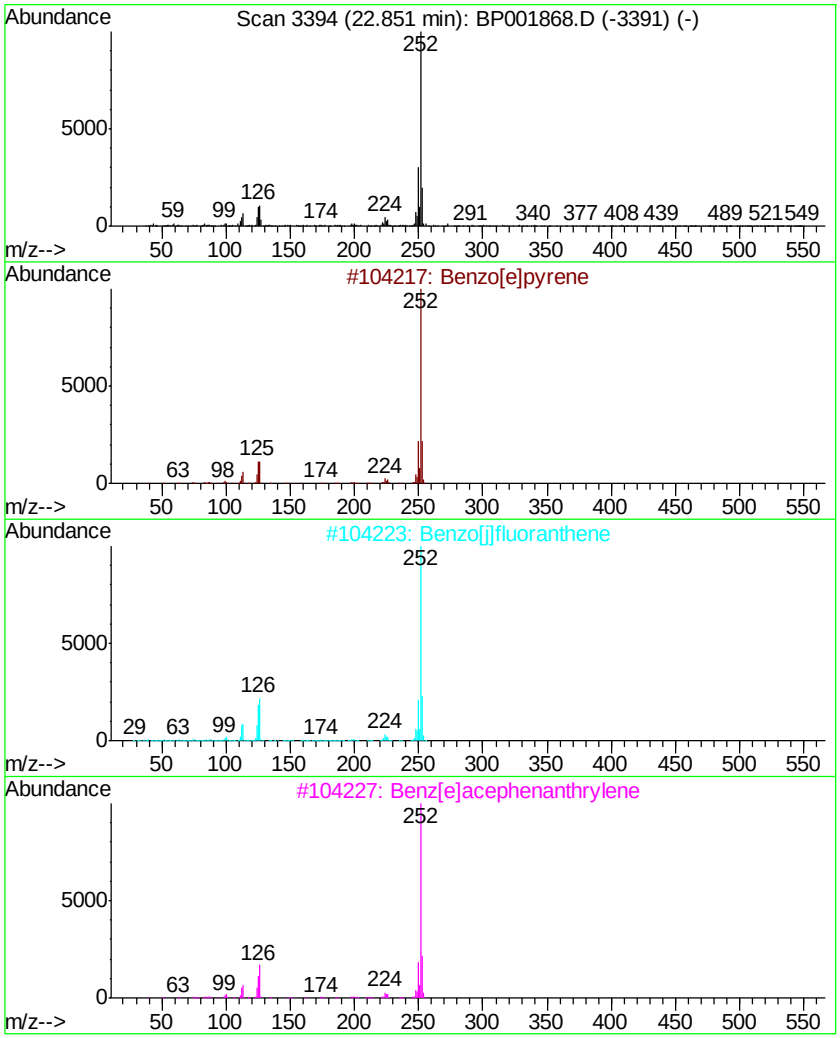
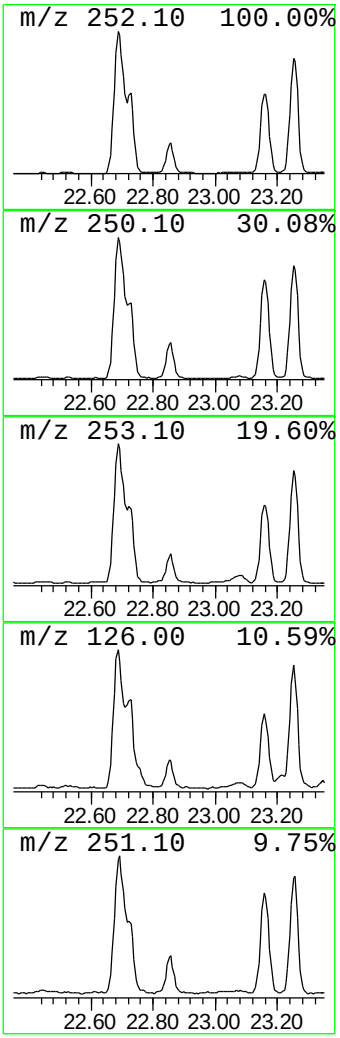
Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	4.02 ng/ul	724181	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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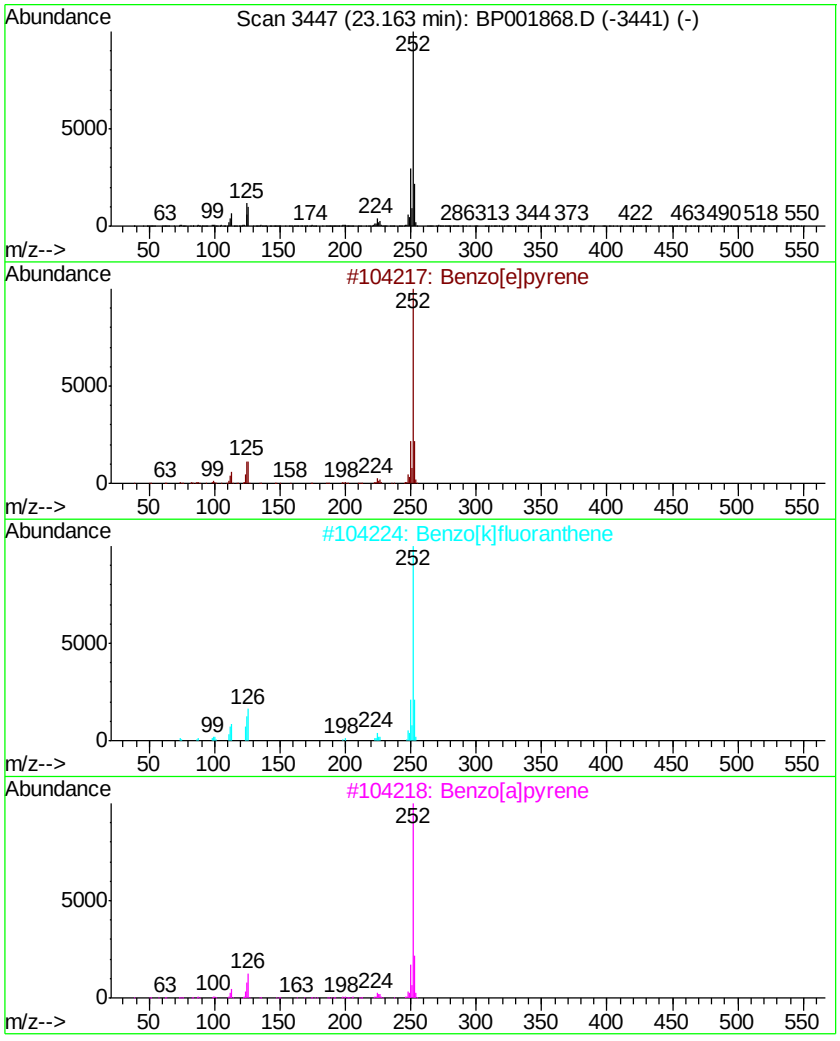
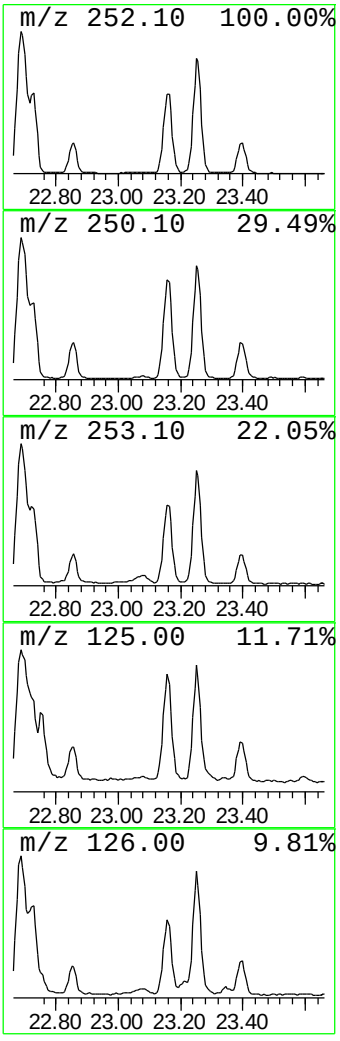
Peak Number 21 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	10.62 ng/ul	1914440	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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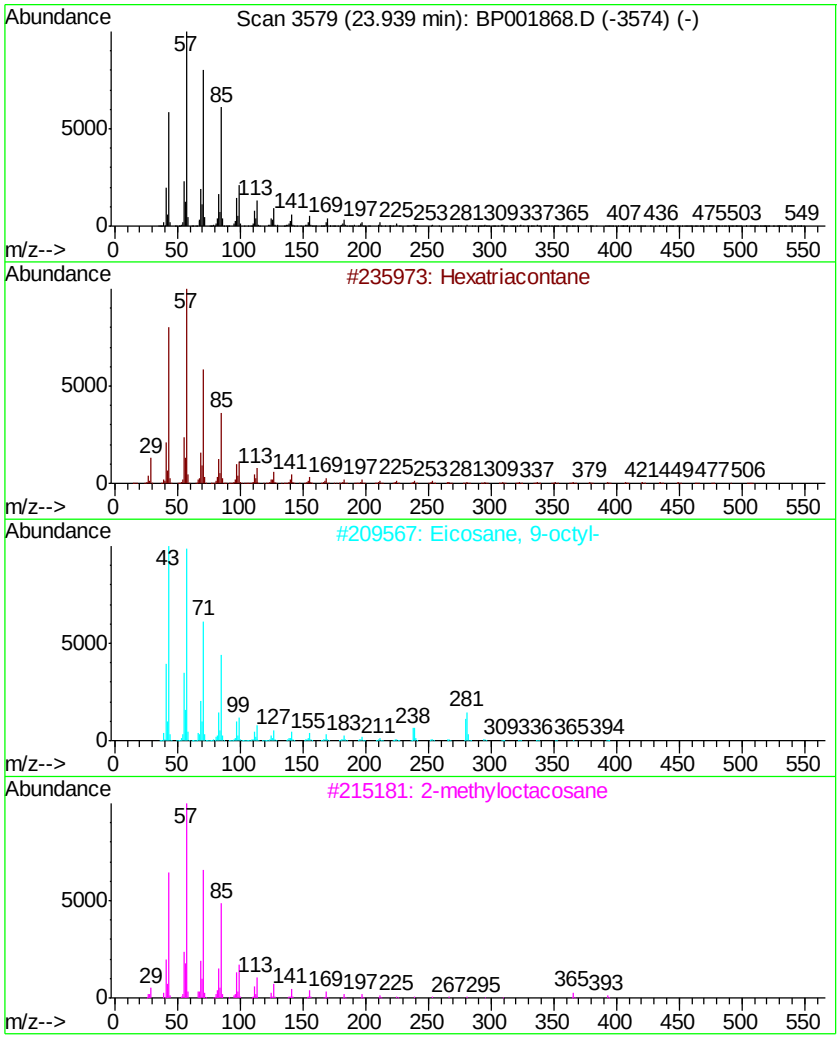
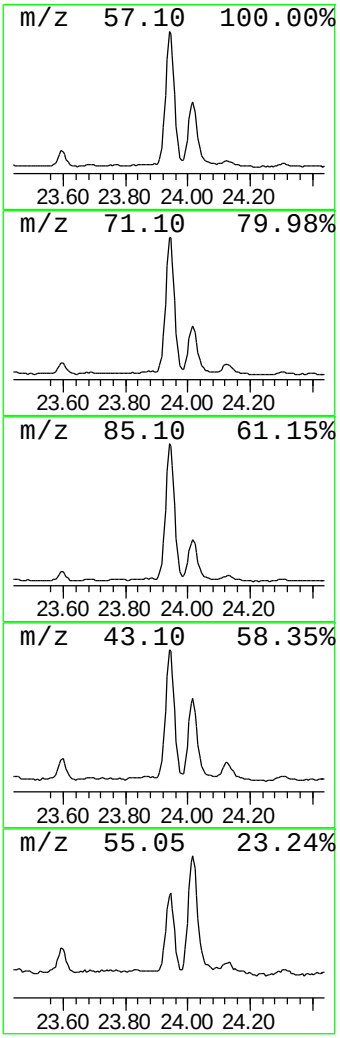
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	13.82 ng/ul	2491190	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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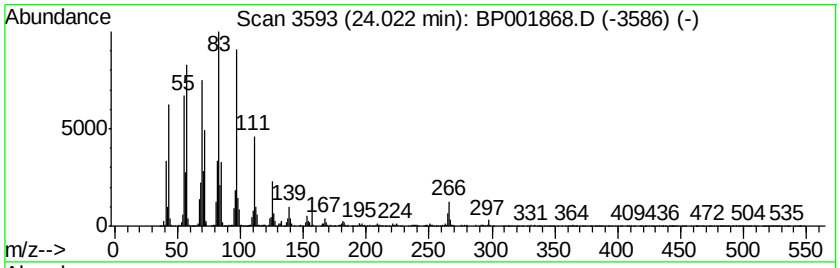
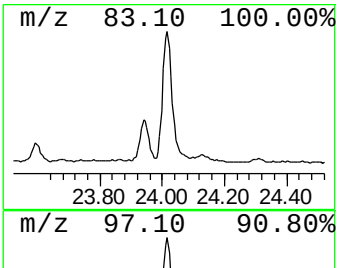
Peak Number 23 Heptacosyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	14.45 ng/ul	2603410	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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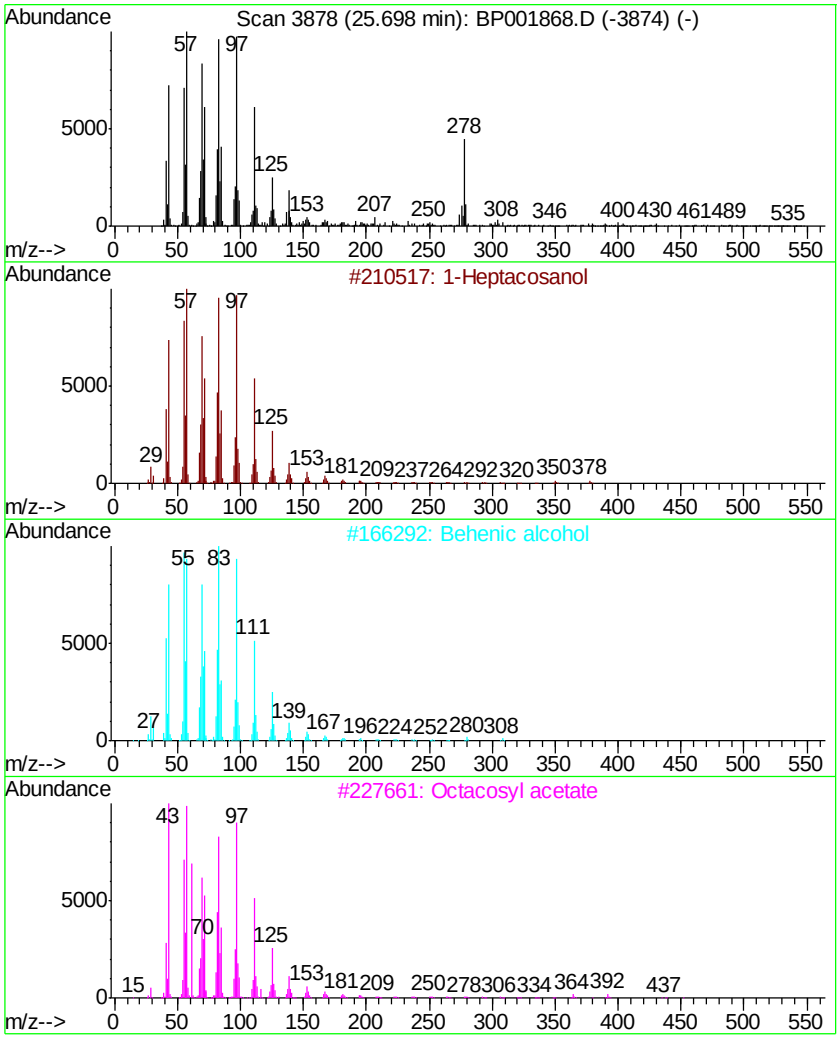
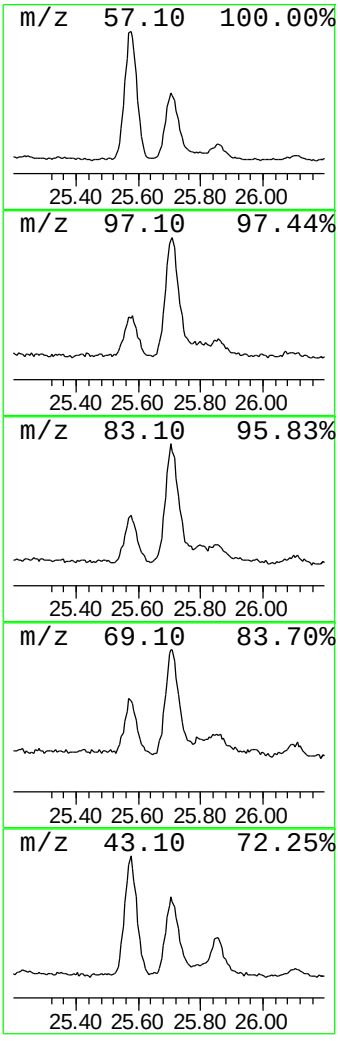
Peak Number 24 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	7.26 ng/ul	1308490	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Octacosyl acetate	452	C30H60O2	018206-97-8	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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	38.9	ng/ul	4077180	1	7.65	2096780	20.0
Toluene	3.90	4.5	ng/ul	470956	1	7.65	2096780	20.0
Nonanal	8.98	3.2	ng/ul	330810	1	7.65	2096780	20.0
Cyclopentasiloxan...	9.29	4.4	ng/ul	696411	2	10.43	3177890	20.0
Benzene, 2,4-diis...	12.67	2.9	ng/ul	621846	3	14.29	4362530	20.0
Phenanthrene, 1-m...	17.92	2.8	ng/ul	741651	4	17.04	5225700	20.0
Phenanthrene, 2-m...	17.96	3.7	ng/ul	976953	4	17.04	5225700	20.0
4H-Cyclopenta[def...	18.10	4.8	ng/ul	1253900	4	17.04	5225700	20.0
5,16[1',2']:8,13[...	18.40	2.2	ng/ul	585771	4	17.04	5225700	20.0
Phenanthrene, 2,5...	18.80	3.5	ng/ul	916308	4	17.04	5225700	20.0
unknown-01	18.87	2.2	ng/ul	574288	4	17.04	5225700	20.0
Pyrene, 1-methyl-	19.73	3.2	ng/ul	1303850	5	21.13	8249520	20.0
11H-Benzo[b]fluorene	19.90	3.5	ng/ul	1455420	5	21.13	8249520	20.0
Fluoranthene, 2-m...	20.05	2.7	ng/ul	1128980	5	21.13	8249520	20.0
11H-Benzo[a]fluor...	20.62	2.1	ng/ul	883799	5	21.13	8249520	20.0
Cinnamyl cinnamate	20.70	2.2	ng/ul	915520	5	21.13	8249520	20.0
1-Heneicosanol	20.87	10.2	ng/ul	4198800	5	21.13	8249520	20.0
(DEL) Alkane: Cyc...	21.75	4.8	ng/ul	1976570	5	21.13	8249520	20.0
Oxirane, heptadecyl-	22.43	3.3	ng/ul	587169	6	23.35	3604360	20.0
Benzo[e]pyrene	22.85	4.0	ng/ul	724181	6	23.35	3604360	20.0
Perylene	23.16	10.6	ng/ul	1914440	6	23.35	3604360	20.0
(DEL) Alkane: Str...	23.94	13.8	ng/ul	2491190	6	23.35	3604360	20.0
Heptacosyl acetate	24.02	14.4	ng/ul	2603410	6	23.35	3604360	20.0
1-Heptacosanol	25.70	7.3	ng/ul	1308490	6	23.35	3604360	20.0