LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002600.D
Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN081318MA.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	6.846	646	656	671	rBV	422585	792303	9.26%	0.866%
2	7.004	677	683	690	rBV	354081	555023	6.49%	0.606%
3	7.199	710	716	728	rVB	439031	734567	8.59%	0.803%
4	7.663	787	795	805	rBV	512781	844154	9.87%	0.922%
5	8.369	909	915	927	rBV	514294	892123	10.43%	0.975%
6	8.810	983	990	998	rBV	468614	782711	9.15%	0.855%
7	9.528	1104	1112	1123	rBV	395404	691926	8.09%	0.756%
8	10.063	1195	1203	1215	rBV	586024	1057476	12.36%	1.156%
9	10.434	1258	1266	1271	rBV	814181	1394988	16.31%	1.524%
10	10.481	1271	1274	1281	rVB	82117	131007	1.53%	0.143%
11	10.581	1281	1291	1304	rBV	220171	482950	5.65%	0.528%
12	12.098	1543	1549	1560	rVB	97406	160698	1.88%	0.176%
13	12.322	1581	1587	1593	rBV	90761	144018	1.68%	0.157%
14	13.616	1801	1807	1811	rBV	79193	130701	1.53%	0.143%
15	13.669	1811	1816	1818	rBV2	67195	91671	1.07%	0.100%
16	13.710	1818	1823	1827	rVV	1200775	1698627	19.86%	1.856%
17	13.751	1827	1830	1840	rVB	586916	890794	10.41%	0.973%
18	13.851	1840	1847	1851	rBV3	56518	97132	1.14%	0.106%
19	13.986	1863	1870	1885	rBV	1401924	2378025	27.80%	2.599%
20	14.292	1912	1922	1929	rBV2	1236200	2006253	23.46%	2.192%
21	14.528	1953	1962	1972	rBV	342607	728377	8.52%	0.796%
22	14.698	1981	1991	1998	rVV	98637	189523	2.22%	0.207%
23	15.051	2046	2051	2056	rBV	465438	692023	8.09%	0.756%
24	15.292	2085	2092	2097	rBV	1837180	2590576	30.29%	2.831%
25	15.339	2097	2100	2105	rVB3	98272	150004	1.75%	0.164%
26	15.428	2105	2115	2125	rBV	594425	870808	10.18%	0.952%
27	15.645	2146	2152	2158	rVB	66395	114322	1.34%	0.125%
28	15.786	2169	2176	2186	rVV2	61203	162141	1.90%	0.177%
29	16.045	2210	2220	2230	rVB2	155759	357257	4.18%	0.390%
30	16.586	2307	2312	2316	rBV2	57723	110733	1.29%	0.121%
31	16.704	2327	2332	2338	rBV2	105531	160044	1.87%	0.175%
32	16.780	2339	2345	2347	rVV	51182	91921	1.07%	0.100%
33	16.810	2348	2350	2355	rVV2	80620	126866	1.48%	0.139%
34	16.863	2355	2359	2368	rVB	87817	152807	1.79%	0.167%

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Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

35	17.045	2383	2390	2393	rBV	1687033	2445537	28.59%	2.672%
36	17.086	2393	2397	2401	rVB	1096821	1466996	17.15%	1.603%
37	17.139	2401	2406	2411	rBV	1952772	2857503	33.41%	3.122%
38	17.451	2452	2459	2465	rBV	216107	360334	4.21%	0.394%
39	17.551	2472	2476	2485	rVV2	88185	145068	1.70%	0.159%
40	17.627	2485	2489	2498	rVB6	49570	102805	1.20%	0.112%
41	17.916	2534	2538	2541	rBV	194522	274375	3.21%	0.300%
42	17.963	2541	2546	2553	rVB	332096	586083	6.85%	0.640%
43	18.110	2566	2571	2575	rBV2	254423	450692	5.27%	0.492%
44	18.151	2575	2578	2585	rVB	167721	231835	2.71%	0.253%
45	18.239	2588	2593	2596	rBV3	103425	161538	1.89%	0.177%
46	18.421	2620	2624	2628	rBV	154703	212812	2.49%	0.233%
47	18.469	2628	2632	2638	rVB	442861	596072	6.97%	0.651%
48	18.721	2671	2675	2678	rVV	84613	110389	1.29%	0.121%
49	18.763	2678	2682	2686	rVB	71971	99279	1.16%	0.108%
50	18.845	2691	2696	2700	rBV2	191518	384112	4.49%	0.420%
51	18.880	2700	2702	2709	rVV4	155751	292545	3.42%	0.320%
52	18.939	2709	2712	2715	rVB	89403	100514	1.18%	0.110%
53	18.986	2715	2720	2727	rBV	205339	342912	4.01%	0.375%
54	19.110	2735	2741	2748	rVB	2480322	3360540	39.29%	3.672%
55	19.174	2748	2752	2755	rBV	78792	110370	1.29%	0.121%
56	19.257	2763	2766	2770	rVB	95483	107421	1.26%	0.117%
57	19.316	2771	2776	2779	rBV3	110389	173555	2.03%	0.190%
58	19.445	2792	2798	2801	rBV2	2716145	4335285	50.68%	4.737%
59	19.474	2801	2803	2811	rVB	1817627	2024921	23.67%	2.213%
60	19.551	2811	2816	2820	rBV2	138772	211517	2.47%	0.231%
61	19.651	2830	2833	2840	rVB	102607	167885	1.96%	0.183%
62	19.716	2841	2844	2849	rVB4	71057	103062	1.20%	0.113%
63	19.804	2853	2859	2865	rBV2	176133	432932	5.06%	0.473%
64	19.933	2877	2881	2884	rBV3	135832	248354	2.90%	0.271%
65	19.968	2884	2887	2890	rVV	203487	294999	3.45%	0.322%
66	20.004	2890	2893	2896	rVB	139691	146612	1.71%	0.160%
67	20.068	2901	2904	2908	rVV	150642	182656	2.14%	0.200%
68	20.127	2909	2914	2919	rVB3	197042	347937	4.07%	0.380%
69	20.380	2954	2957	2964	rVB2	275660	316018	3.69%	0.345%
70	20.498	2975	2977	2980	rVB	117248	101381	1.19%	0.111%
71	20.539	2981	2984	2987	rVV	95502	109374	1.28%	0.120%

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Misc :
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Instrument : BNA_N
ClientSampleId : A3Z19

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

72	20.721	3011	3015	3021	rVB	379164	497963	5.82%	0.544%
73	20.886	3038	3043	3047	rBV2	240274	414995	4.85%	0.453%
74	20.927	3047	3050	3053	rVV	152686	166233	1.94%	0.182%
75	20.968	3053	3057	3062	rVV3	435643	976411	11.42%	1.067%
76	21.021	3064	3066	3072	rVB	513761	675998	7.90%	0.739%
77	21.245	3097	3104	3107	rBV2	2442103	4171989	48.78%	4.559%
78	21.280	3107	3110	3120	rVB	988795	1324726	15.49%	1.448%
79	21.404	3128	3131	3136	rVB2	212643	235830	2.76%	0.258%
80	21.580	3158	3161	3164	rVB	222846	225856	2.64%	0.247%
81	21.833	3200	3204	3208	rBV2	1061567	1376184	16.09%	1.504%
82	21.886	3208	3213	3227	rVB5	597044	2074462	24.25%	2.267%
83	22.292	3278	3282	3291	rVB	419524	672698	7.86%	0.735%
84	22.515	3316	3320	3325	rBV	897785	1266022	14.80%	1.383%
85	22.792	3361	3367	3373	rBV2	5310668	8553492	100.00%	9.347%
86	23.051	3408	3411	3415	rVB2	159629	204709	2.39%	0.224%
87	23.268	3444	3448	3452	rBV	341507	588077	6.88%	0.643%
88	23.321	3452	3457	3471	rVB2	1720466	4378282	51.19%	4.784%
89	23.462	3474	3481	3486	rBV	1284882	2456786	28.72%	2.685%
90	23.651	3508	3513	3521	rVB	1460309	2566541	30.01%	2.804%
91	23.980	3562	3569	3582	rVB	2473934	4729137	55.29%	5.168%
92	24.162	3597	3600	3610	rVB	371021	750876	8.78%	0.820%
93	24.709	3688	3693	3700	rVB	265957	525186	6.14%	0.574%
94	25.145	3760	3767	3781	rVB	1065997	2524187	29.51%	2.758%
95	25.556	3831	3837	3848	rVB	465752	1152317	13.47%	1.259%
96	26.621	4011	4018	4029	rVB3	892437	2555393	29.88%	2.792%

Sum of corrected areas: 91515119

LSC Report - Integrated Chromatogram

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Data File : BN002600.D
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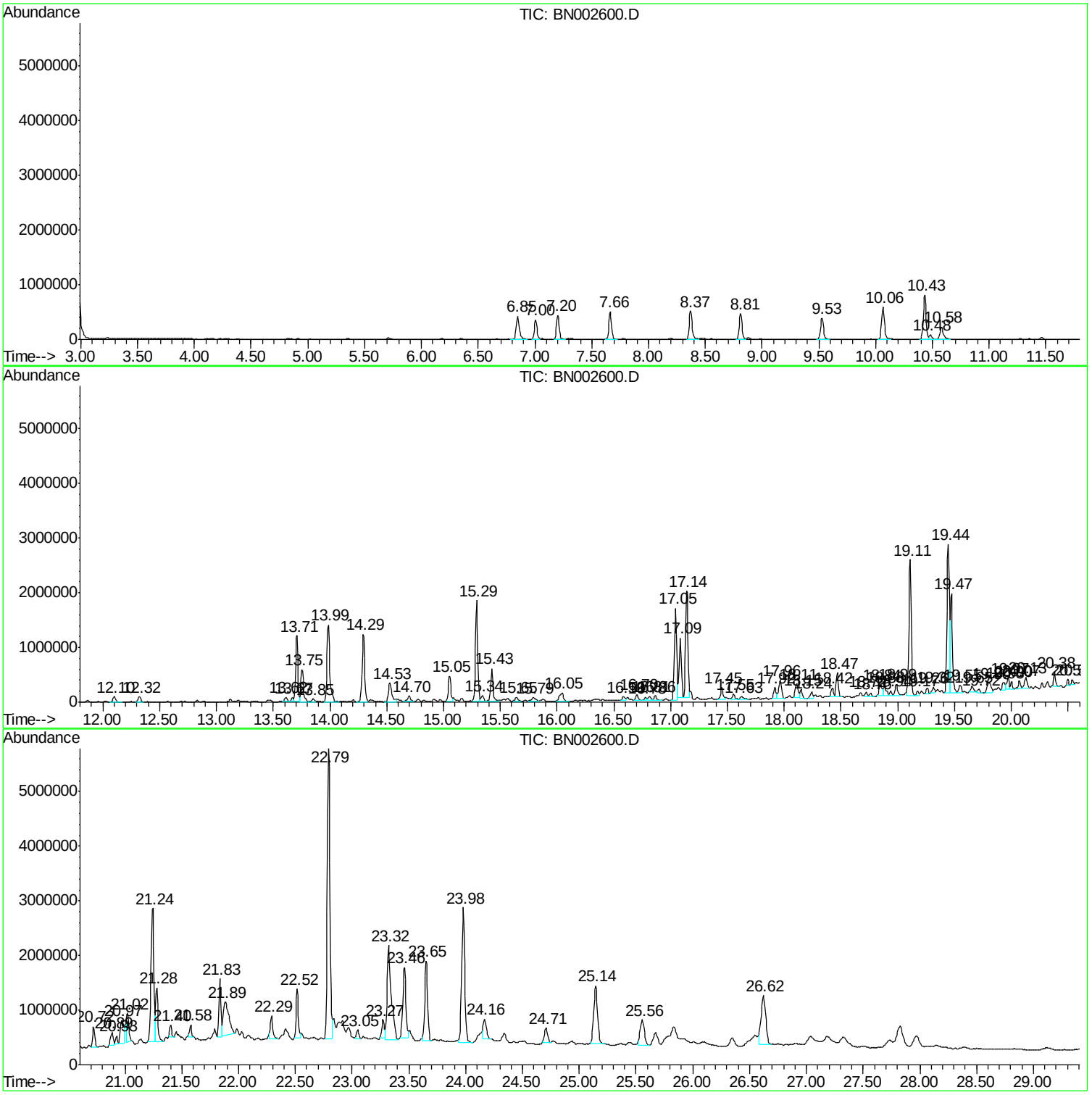
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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 N\DATA\BN090518\
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Acq On : 06 Sep 2018 03:02
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

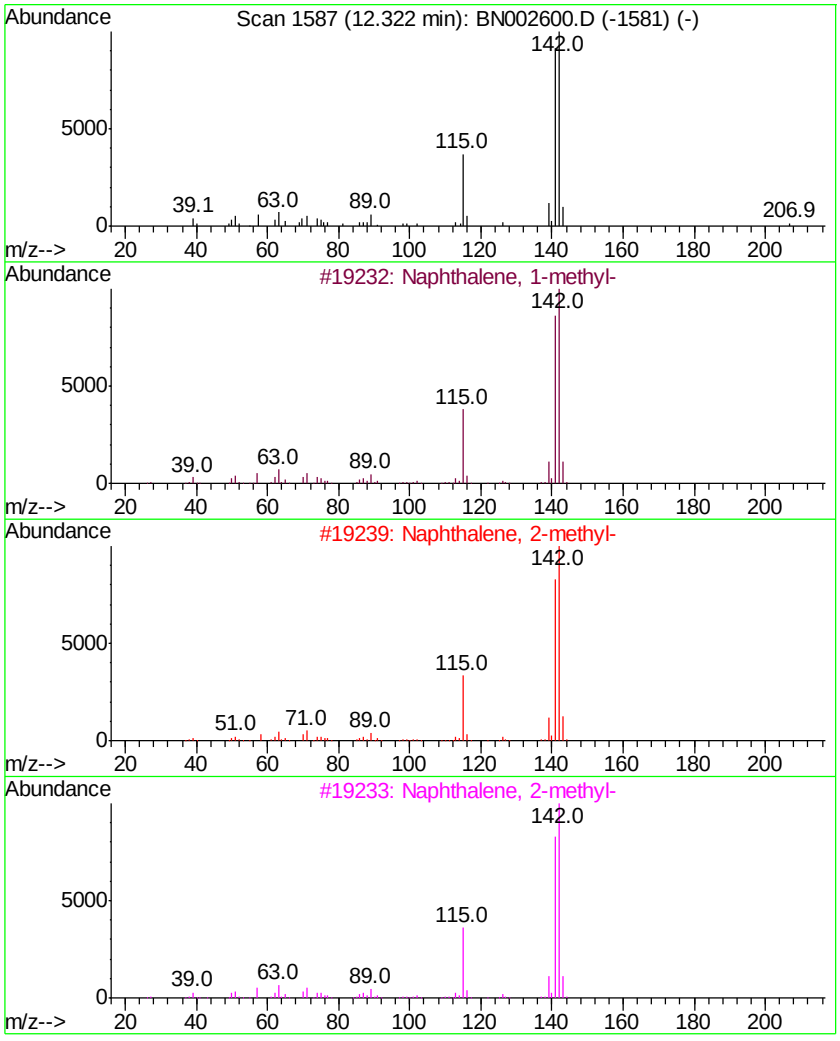
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

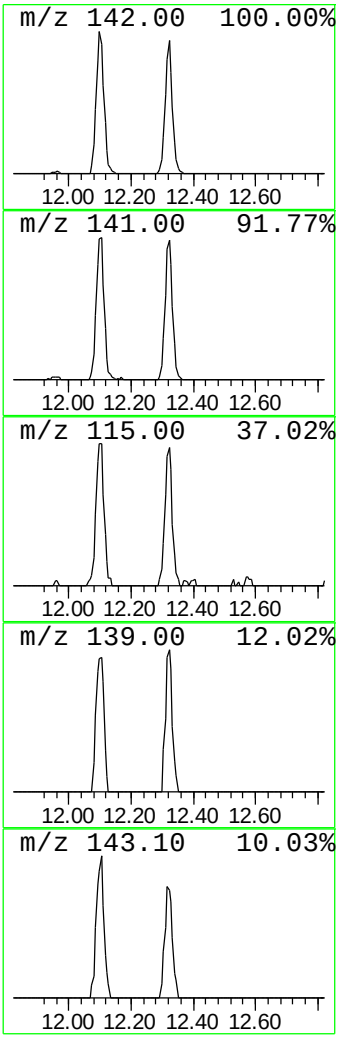
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.06 ng/ul	144018	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Data File : BN002600.D
Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

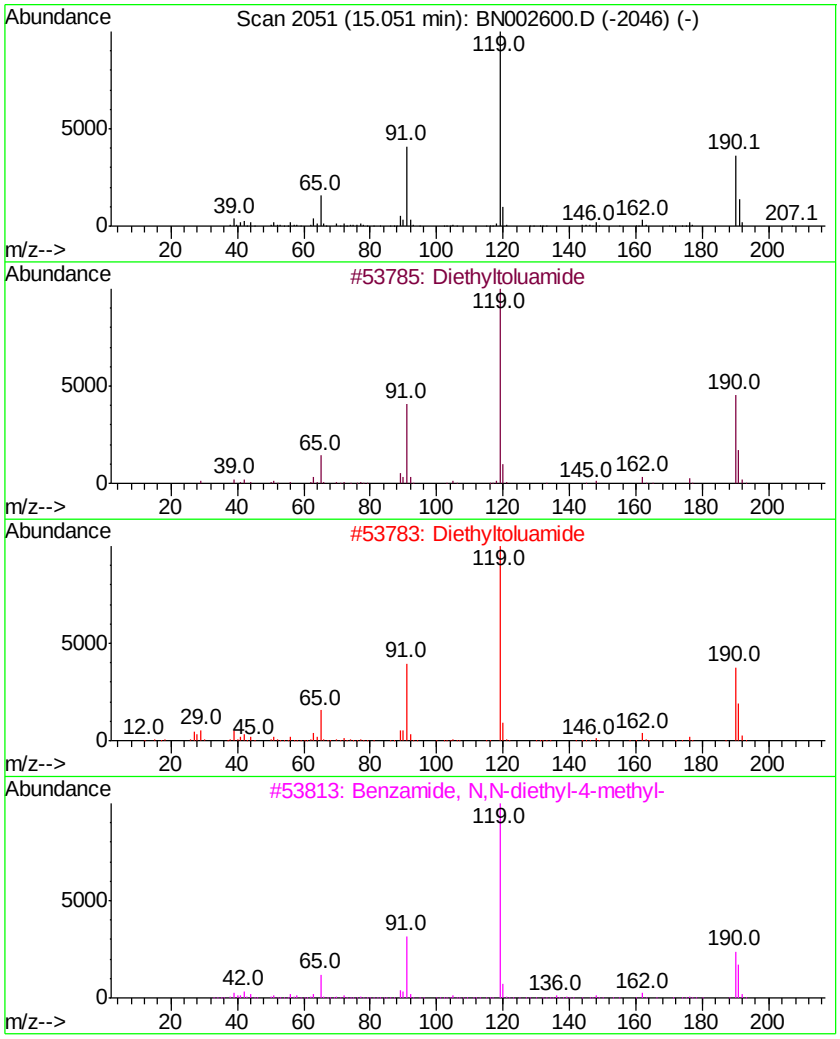
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

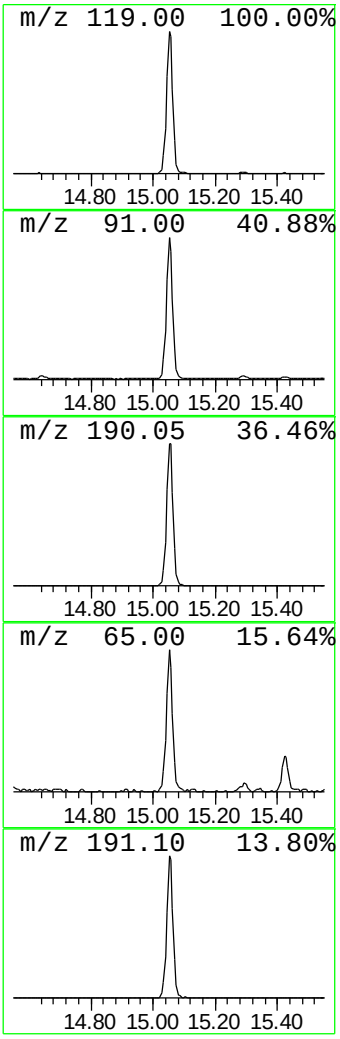
****

Peak Number 2 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	6.90 ng/ul	692023	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	92
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	91
4	Diethyltoluamide	191	C12H17NO	000134-62-3	86
5	L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	72





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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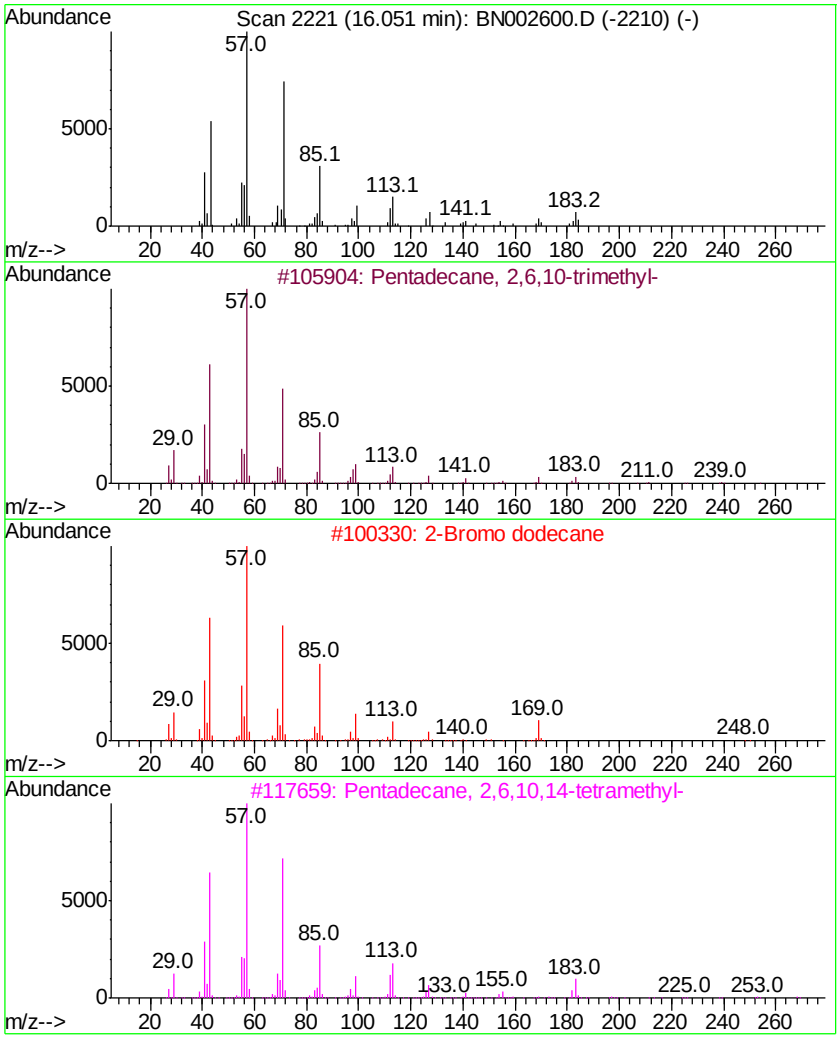
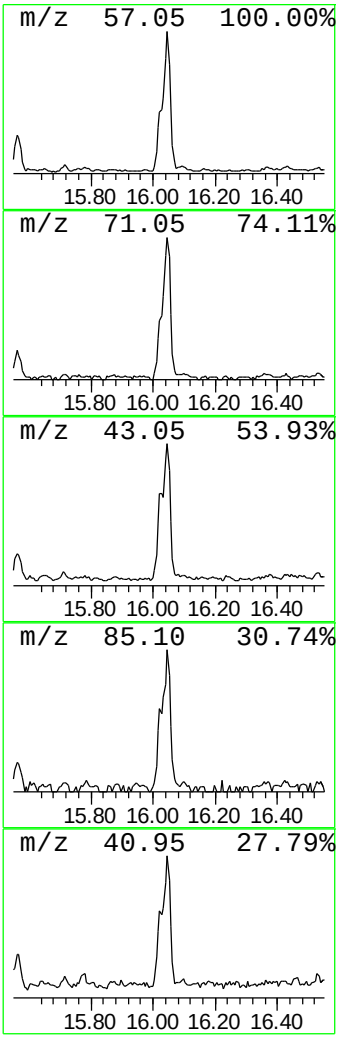
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.92 ng/ul	357257	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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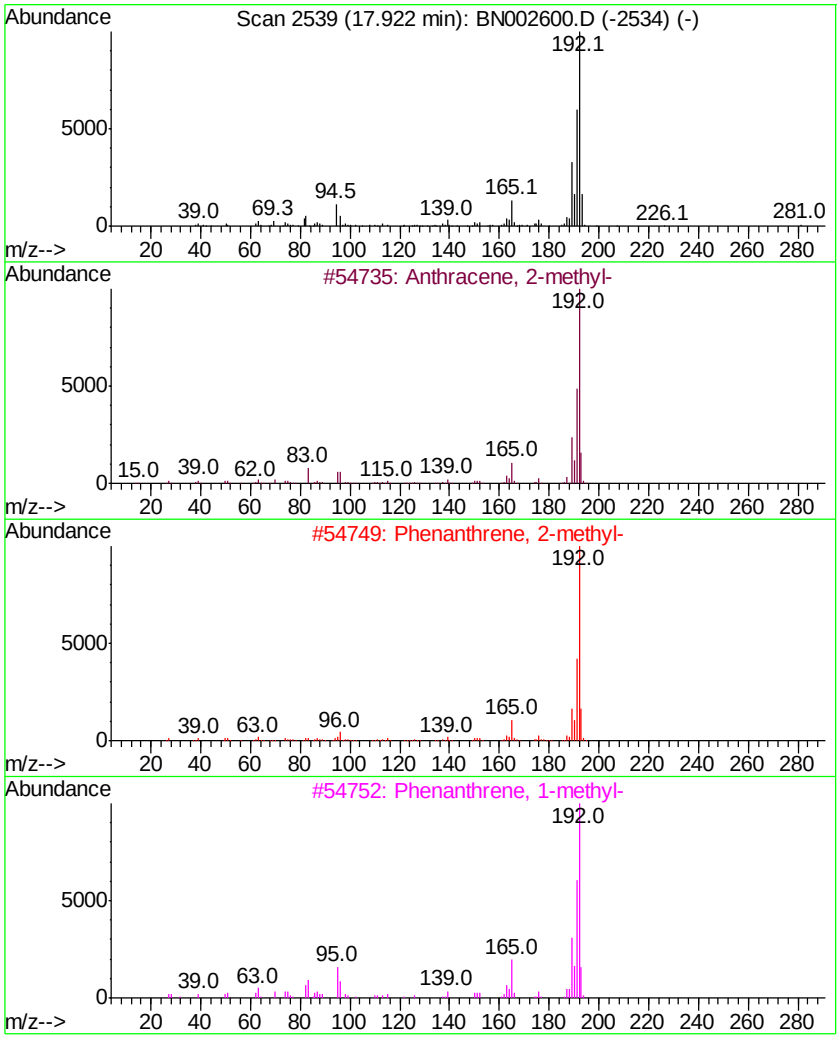
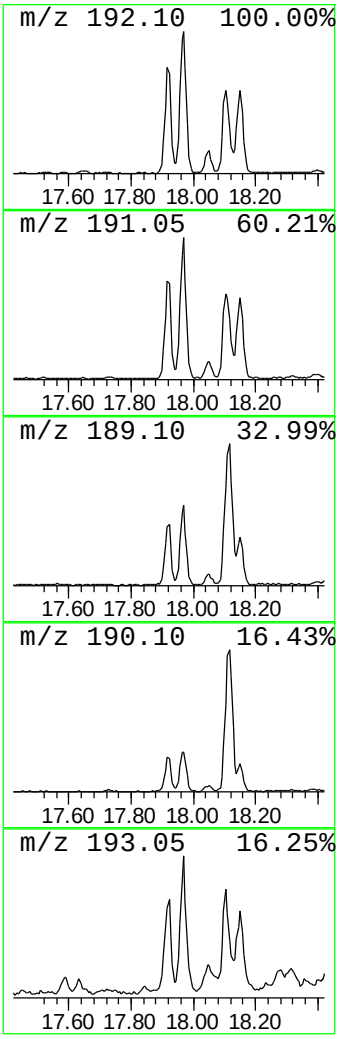
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.24 ng/ul	274375	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

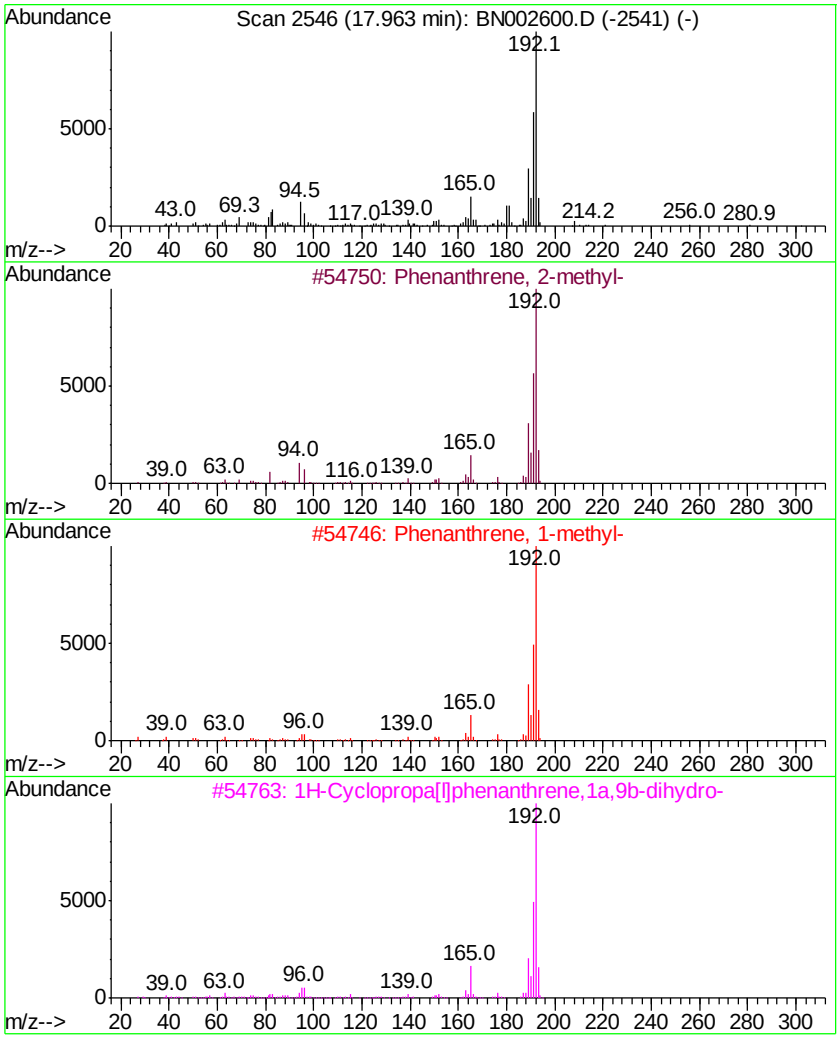
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

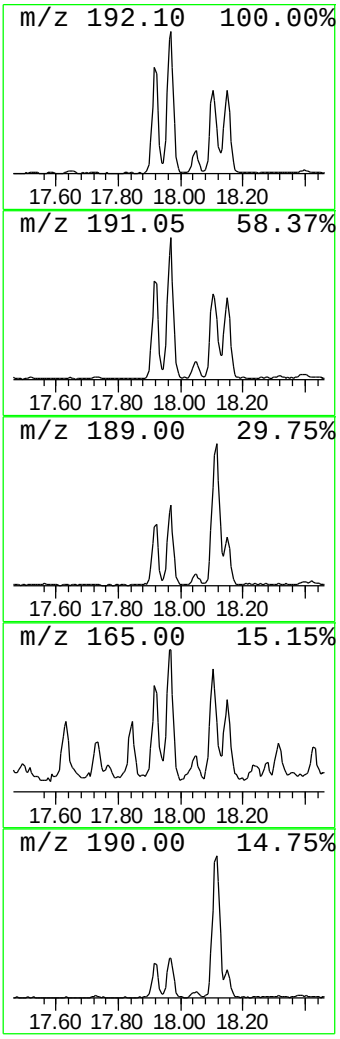
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.79 ng/ul	586083	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
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Instrument : BNA_N
ClientSampleId : A3Z19

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Quant Title : SVOA CALIBRATION

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

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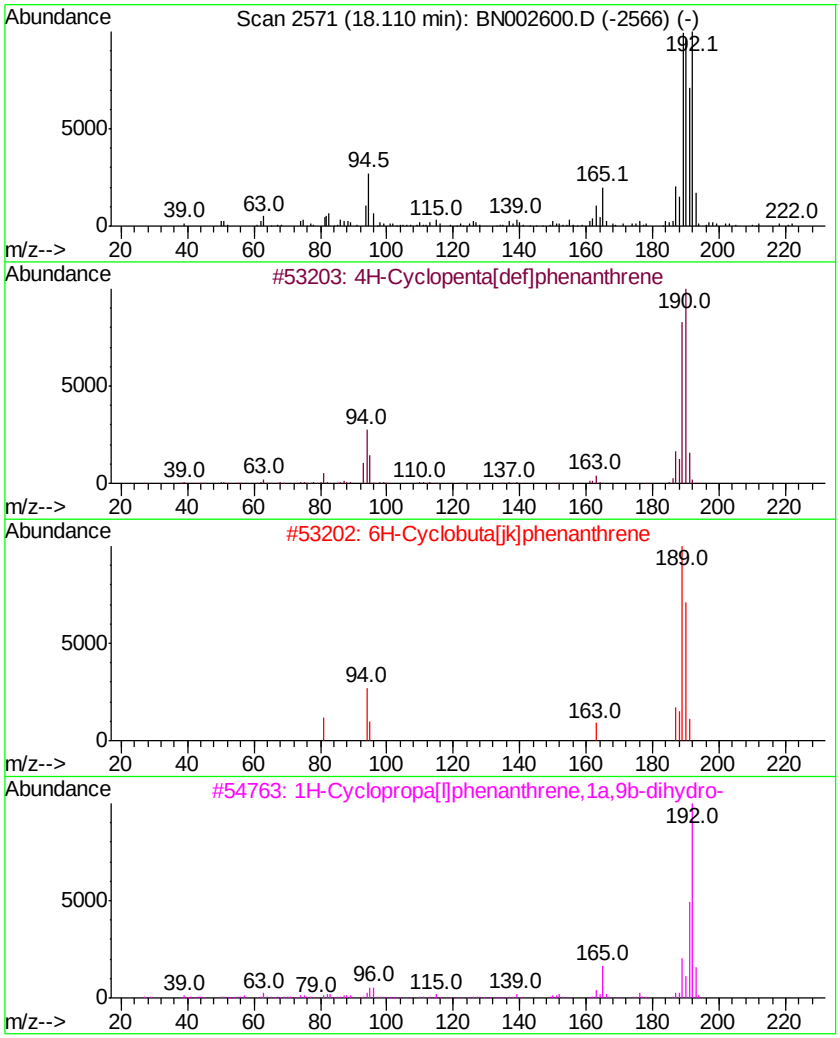
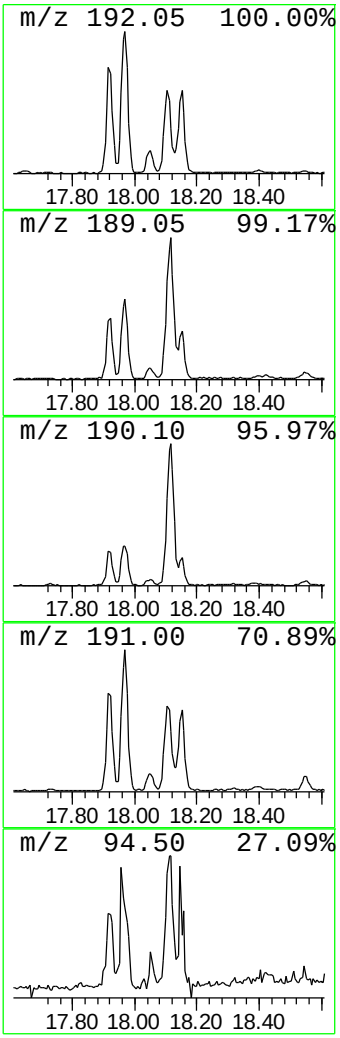
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.69 ng/ul	450692	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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ClientSampleId : A3Z19

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Quant Title : SVOA CALIBRATION

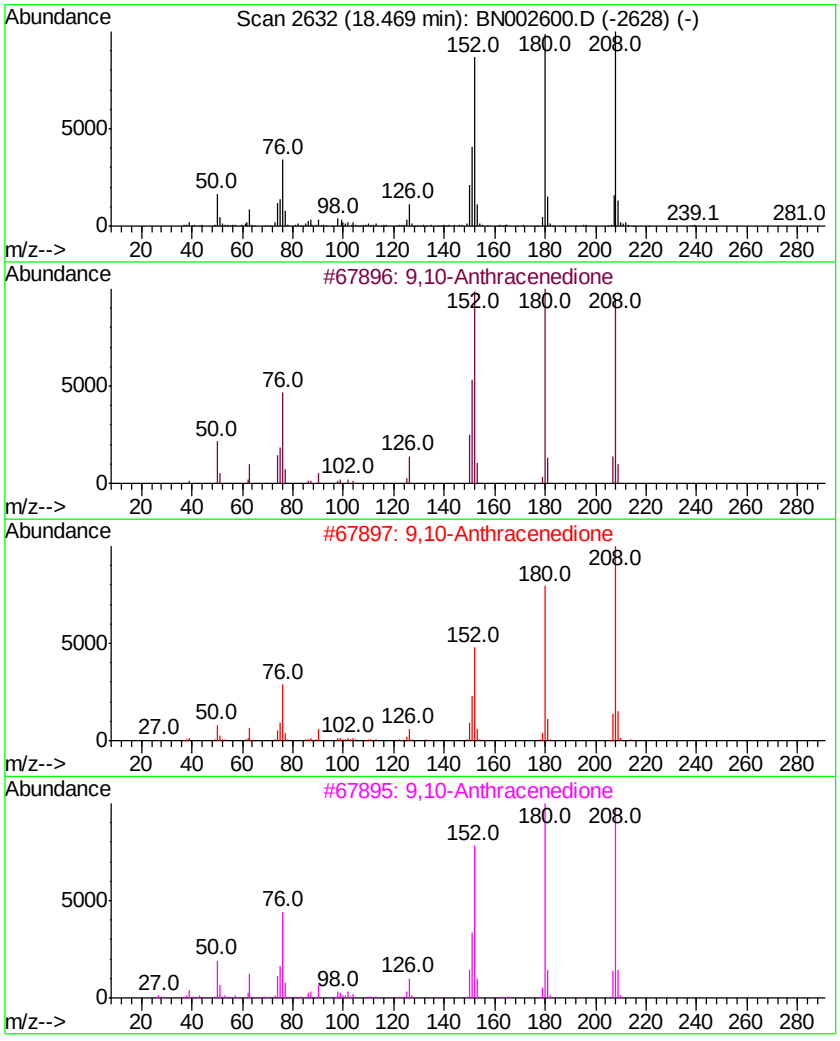
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

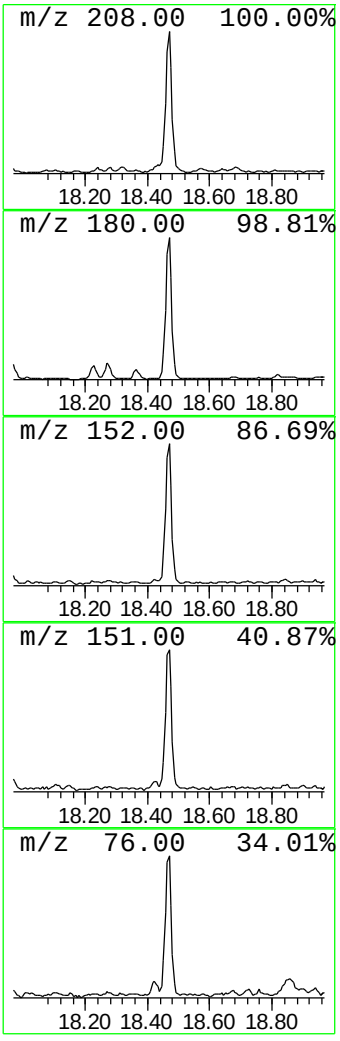
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.87 ng/ul	596072	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Quant Title : SVOA CALIBRATION

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

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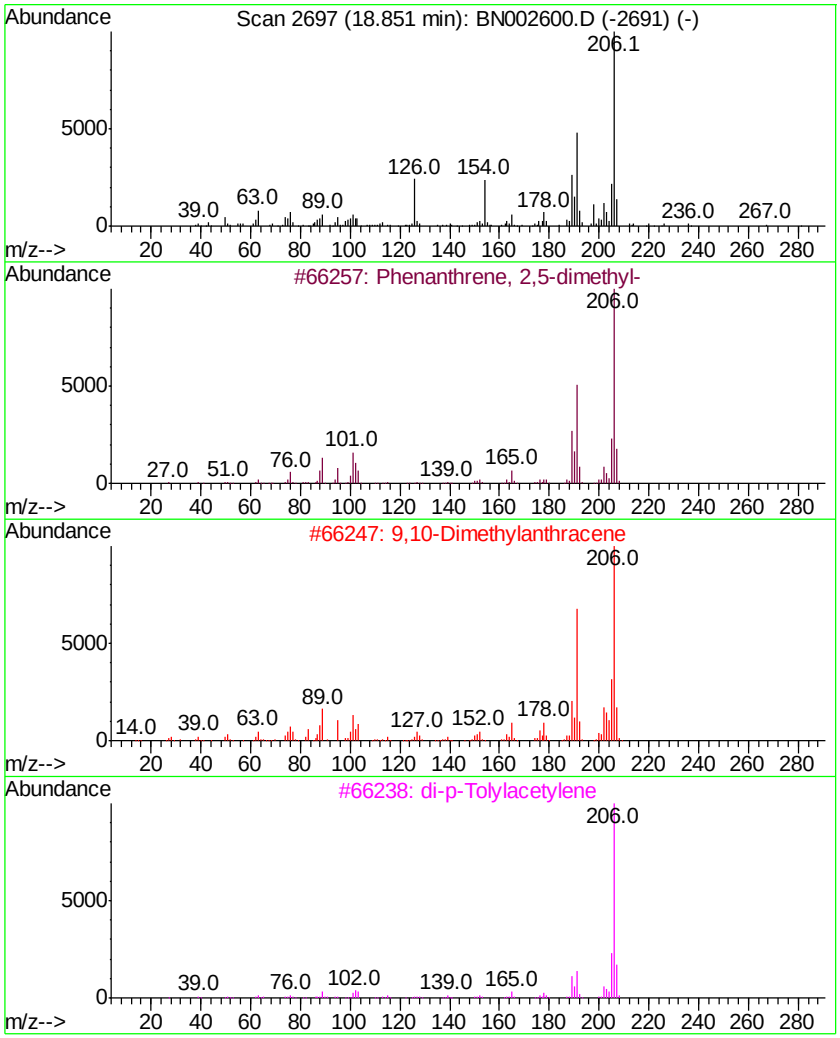
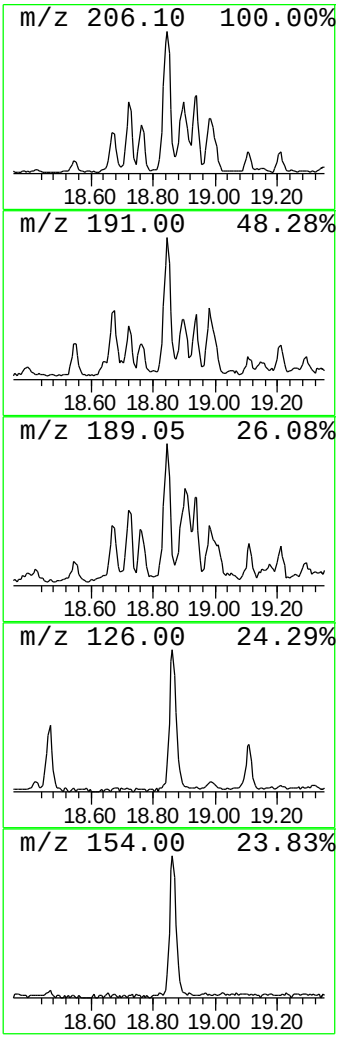
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.14 ng/ul	384112	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Quant Title : SVOA CALIBRATION

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

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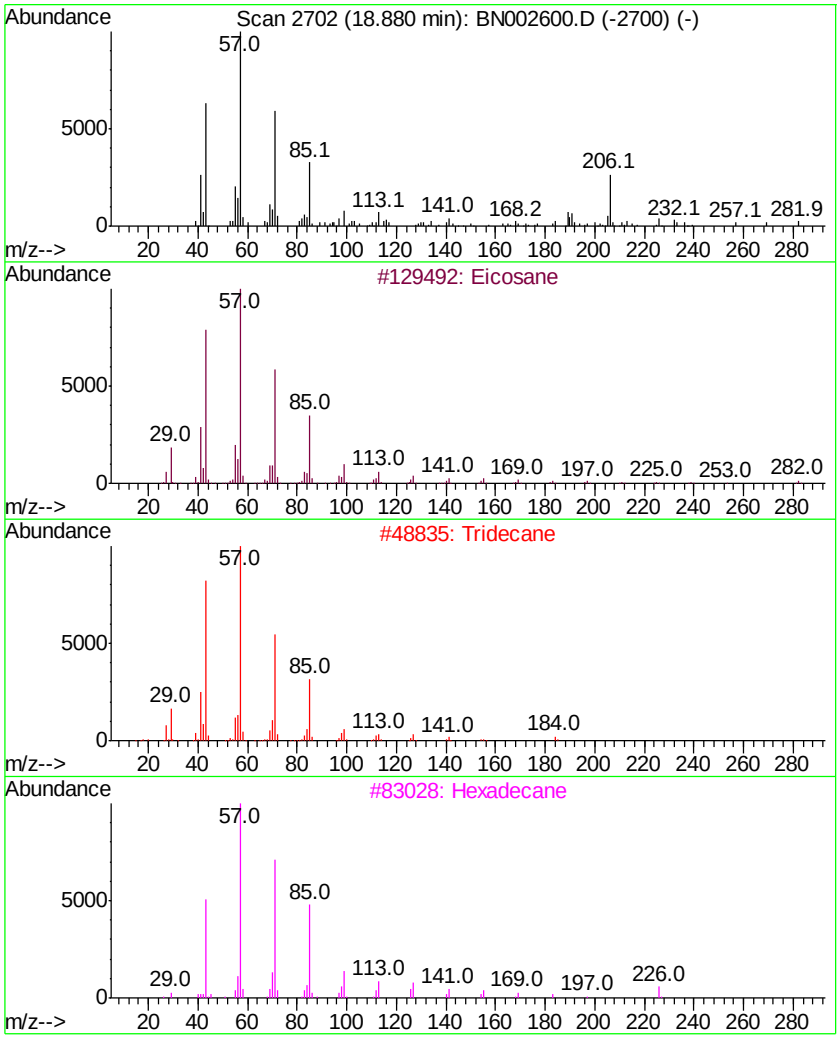
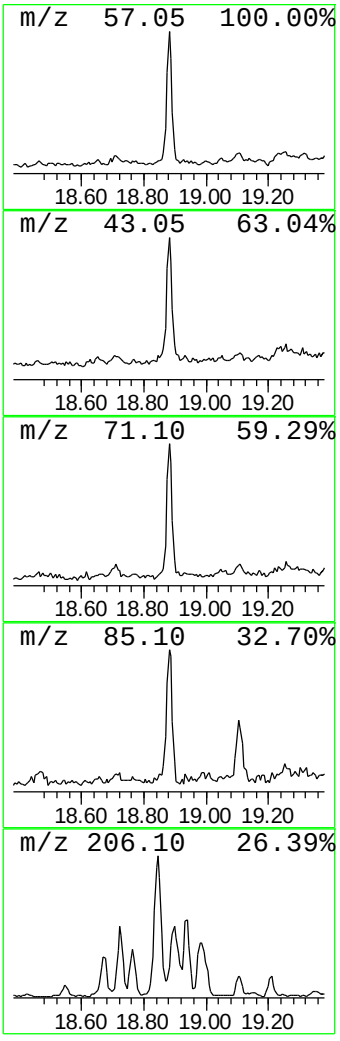
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.39 ng/ul	292545	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Tridecane	184	C13H28	000629-50-5	64
3	Hexadecane	226	C16H34	000544-76-3	62
4	Tridecane	184	C13H28	000629-50-5	58
5	Hexadecane	226	C16H34	000544-76-3	53





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : A3Z19

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Quant Title : SVOA CALIBRATION

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

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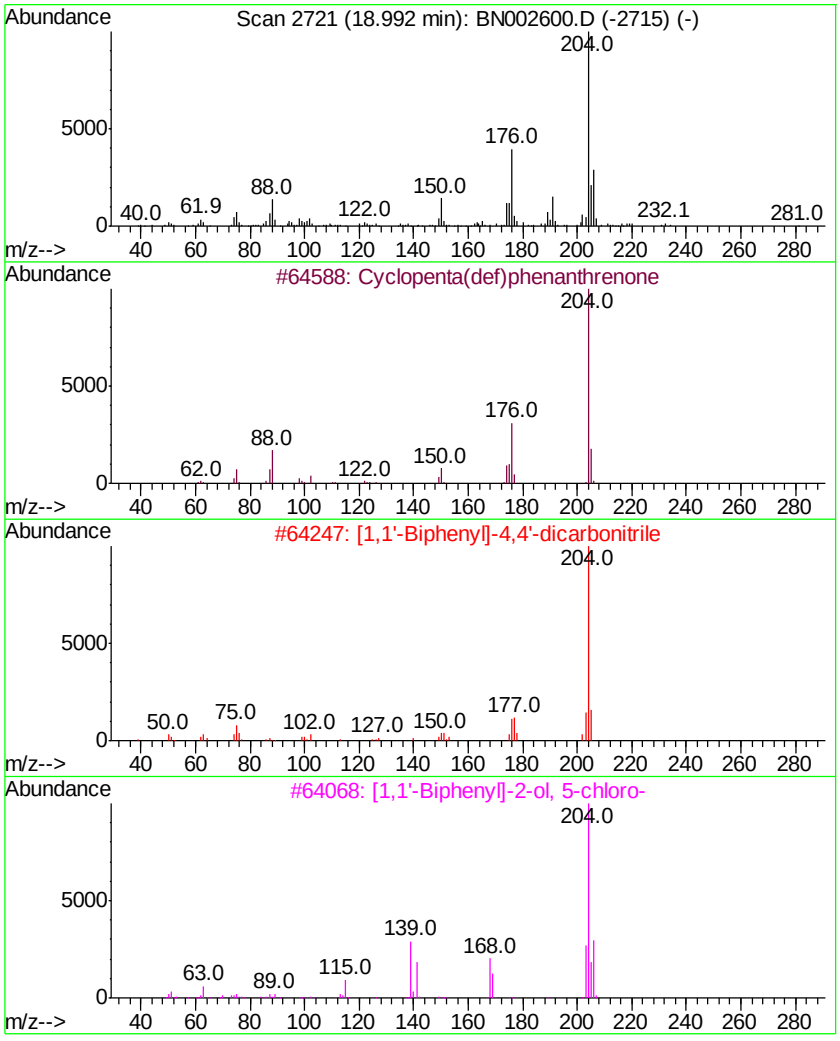
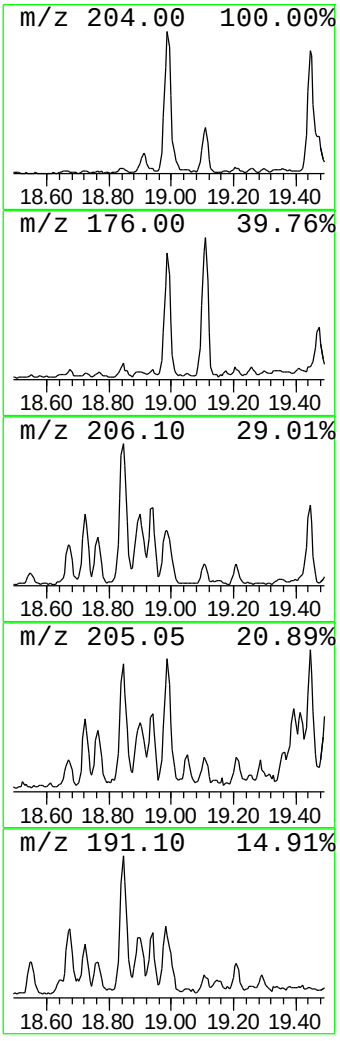
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.80 ng/ul	342912	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43





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Quant Title : SVOA CALIBRATION

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

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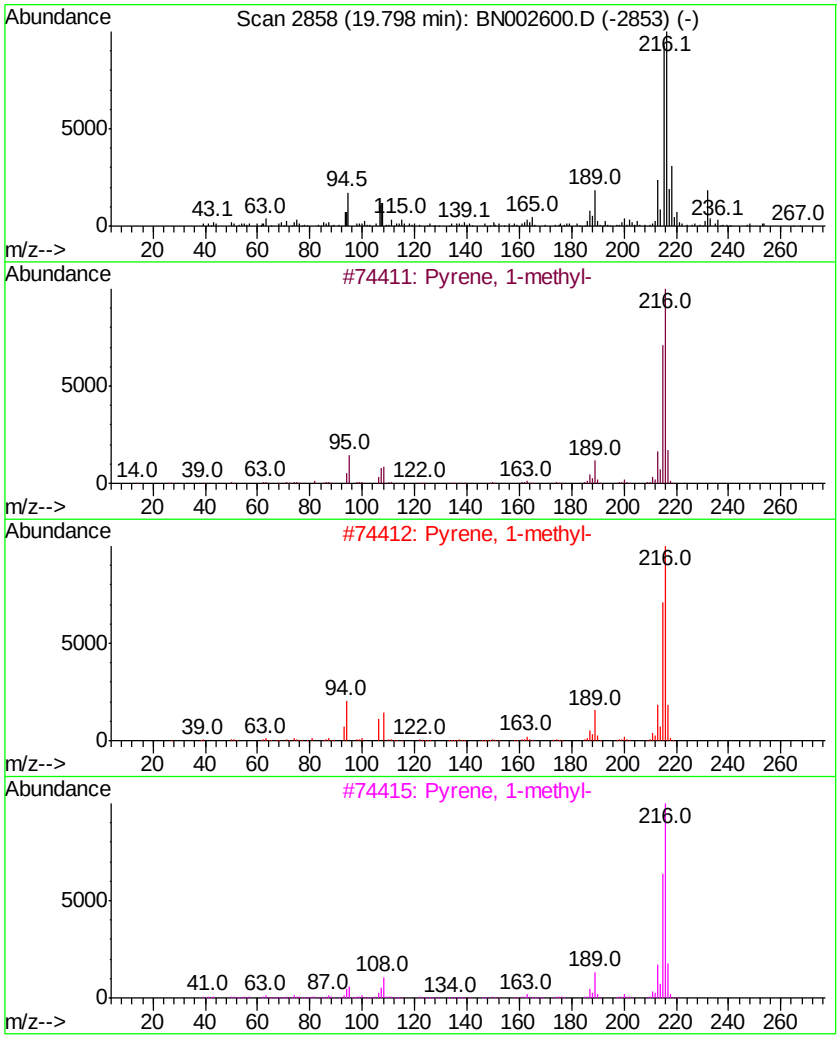
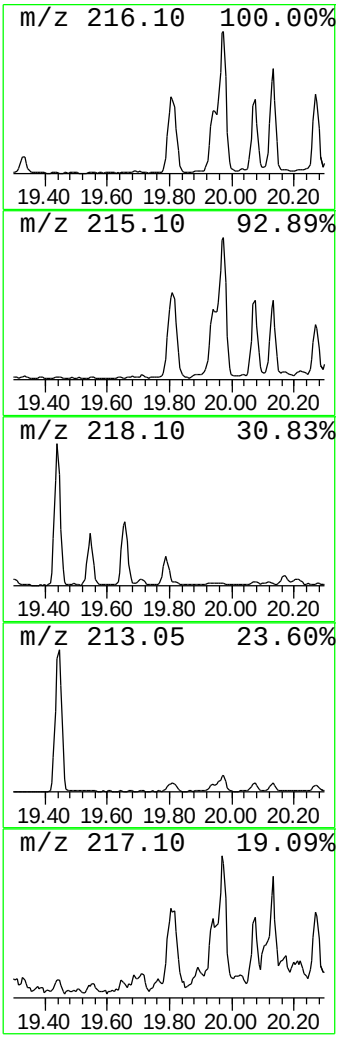
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.08 ng/ul	432932	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
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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Quant Title : SVOA CALIBRATION

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

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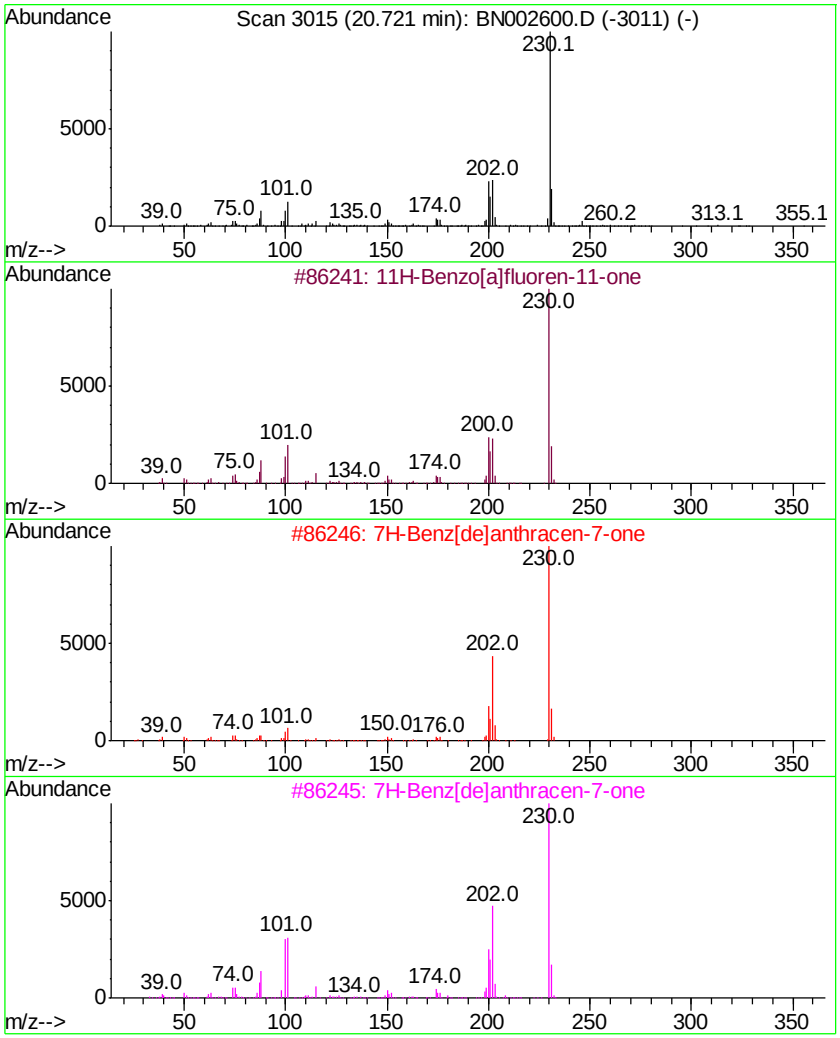
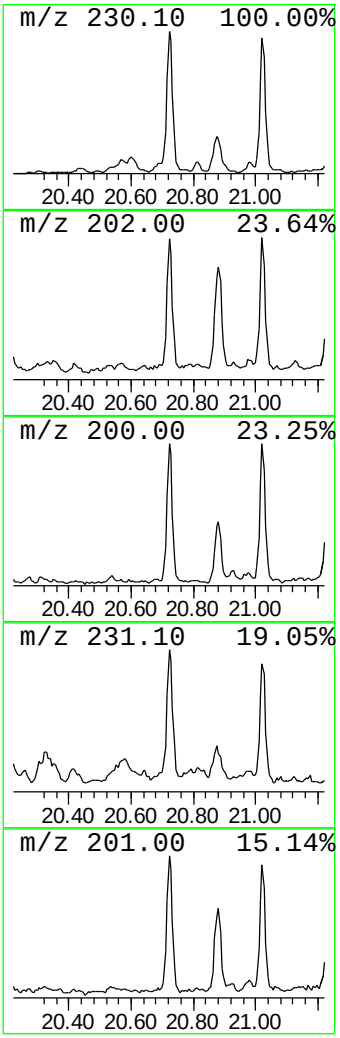
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.39 ng/ul	497963	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Quant Title : SVOA CALIBRATION

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

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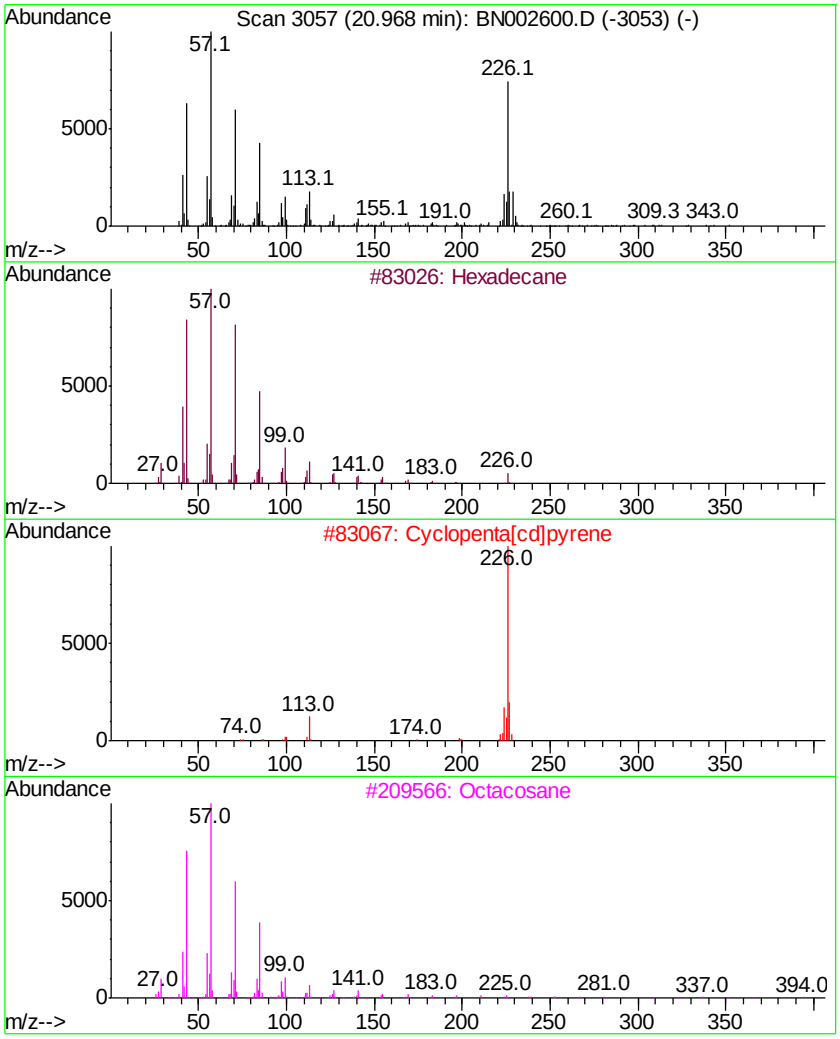
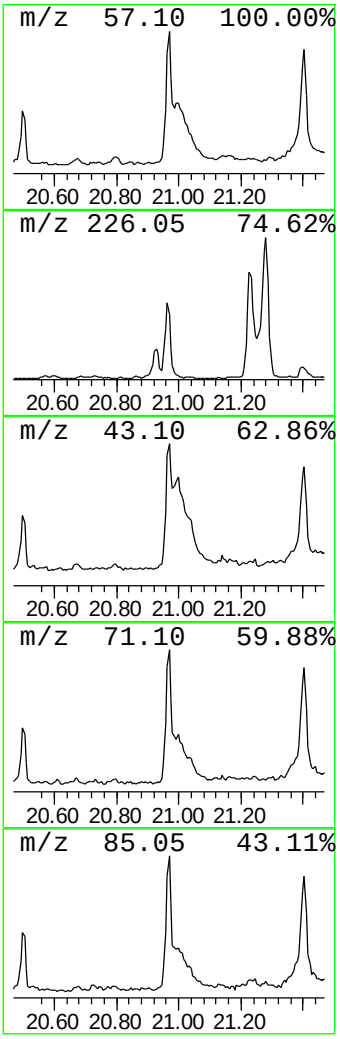
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.68 ng/ul	976411	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
3	Octacosane	394	C28H58	000630-02-4	42
4	Heneicosane	296	C21H44	000629-94-7	38
5	Hexacosane	366	C26H54	000630-01-3	38





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Quant Title : SVOA CALIBRATION

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

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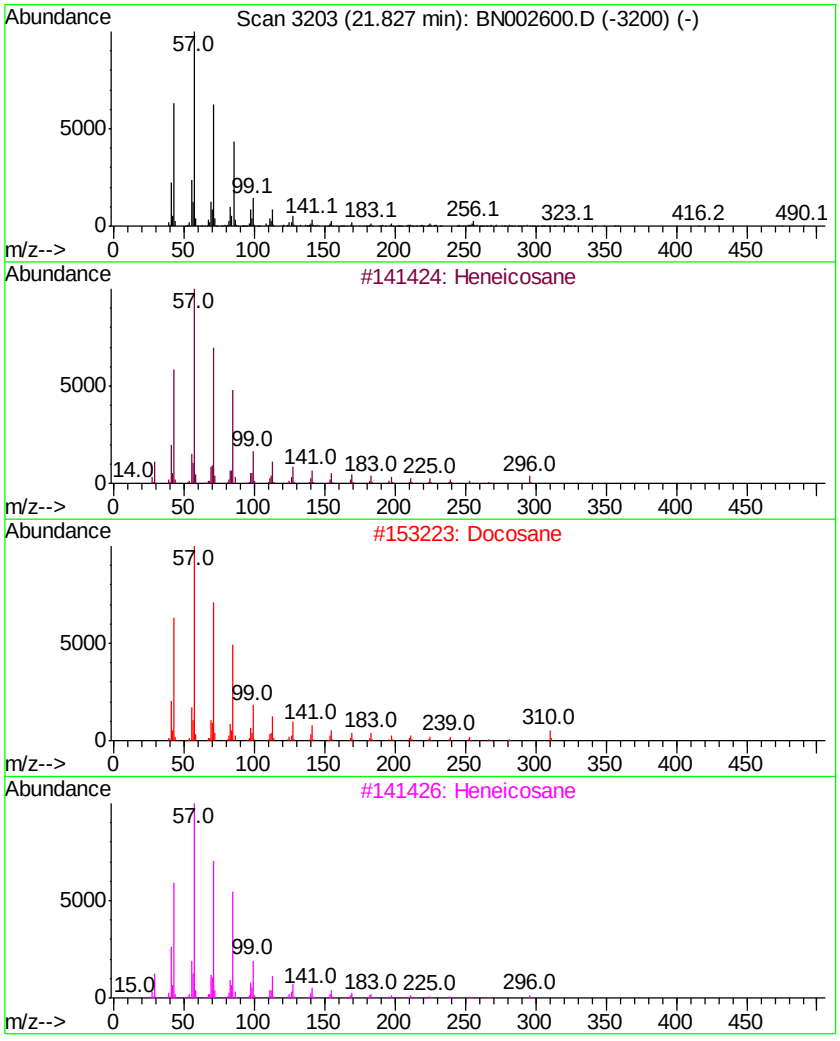
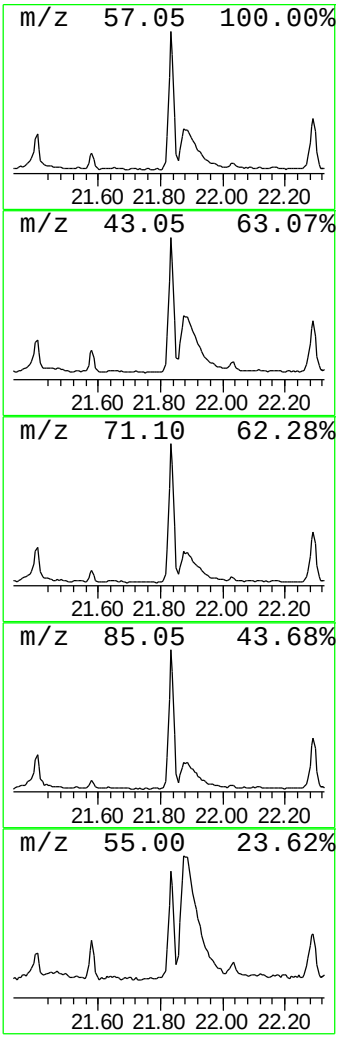
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	6.60 ng/ul	1376180	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane	310	C22H46	000629-97-0	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Quant Title : SVOA CALIBRATION

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

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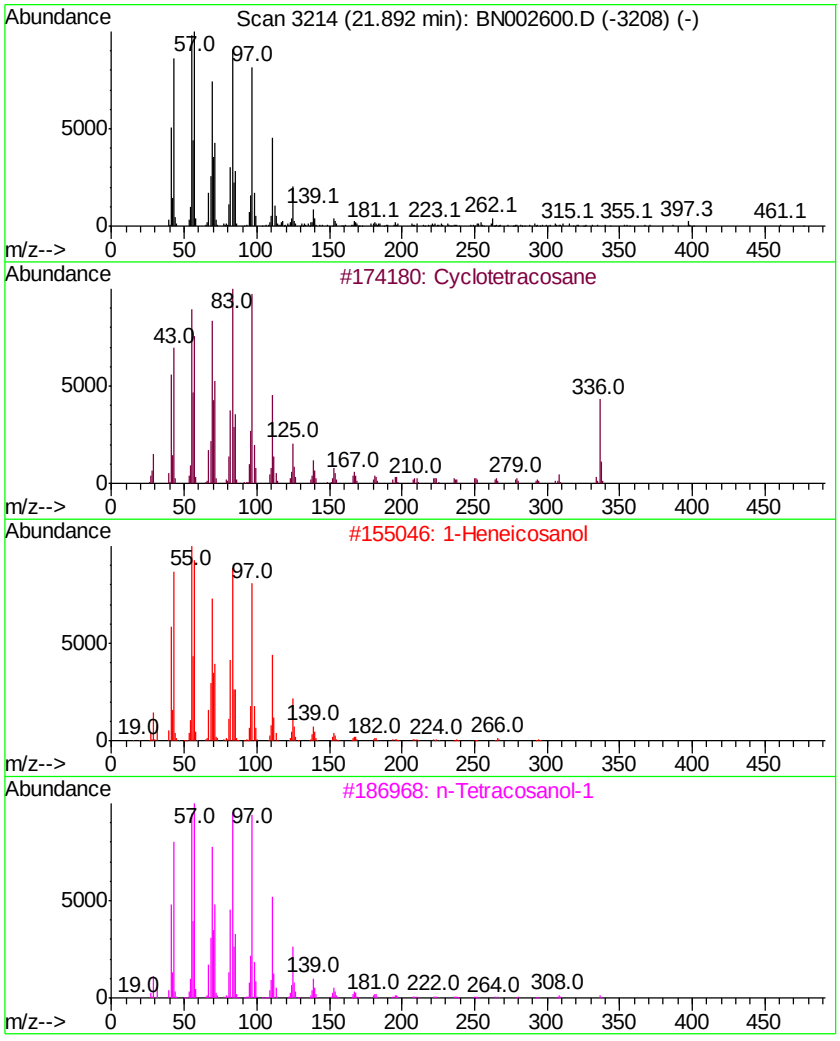
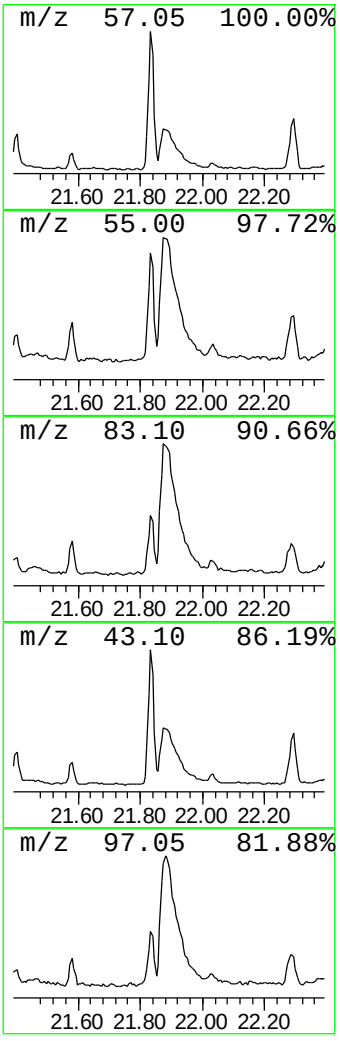
Peak Number 16 (DEL) Alkane: Cyclic21.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	9.94 ng/ul	2074460	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





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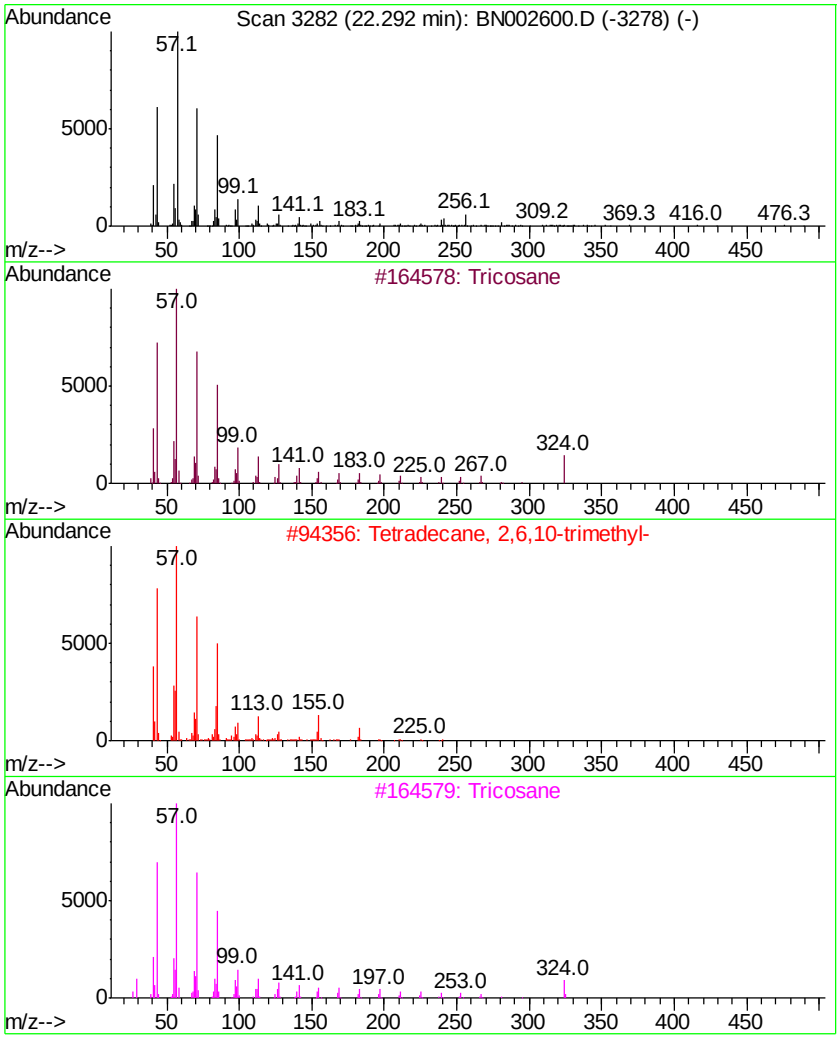
Quant Title : SVOA CALIBRATION

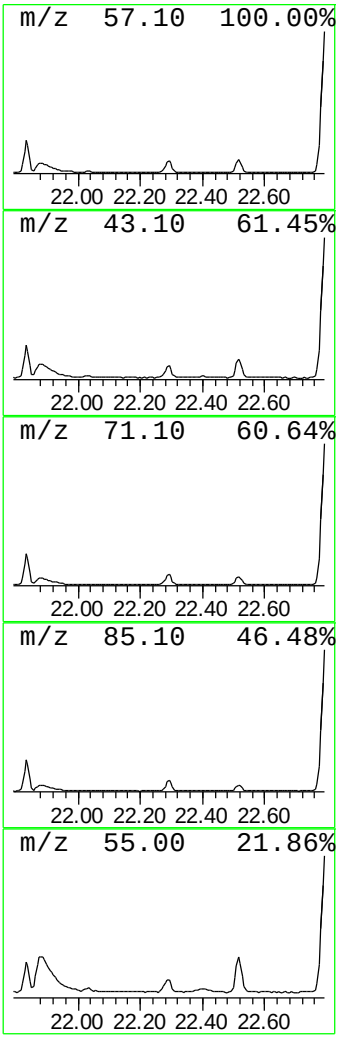
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.22 ng/ul	672698	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3	Tricosane	324	C23H48	000638-67-5	87
4	Pentacosane	352	C25H52	000629-99-2	83
5	Heptadecane	240	C17H36	000629-78-7	83





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Quant Title : SVOA CALIBRATION

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

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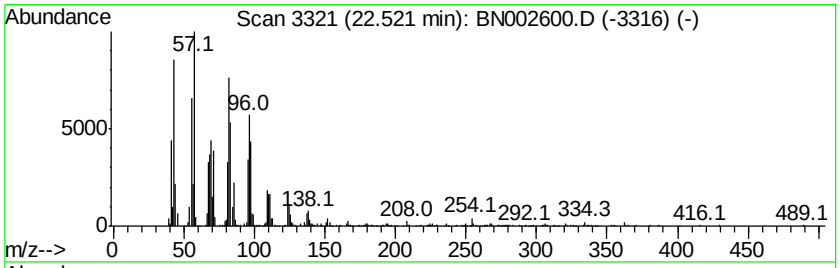
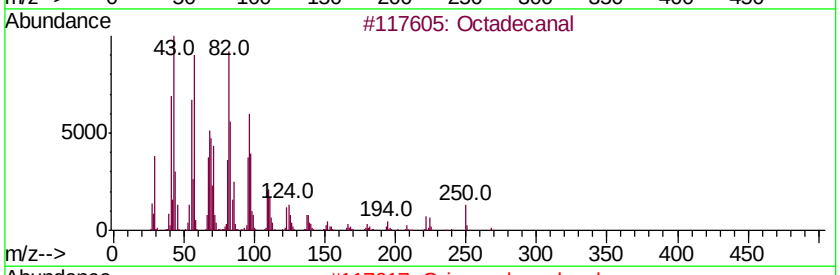
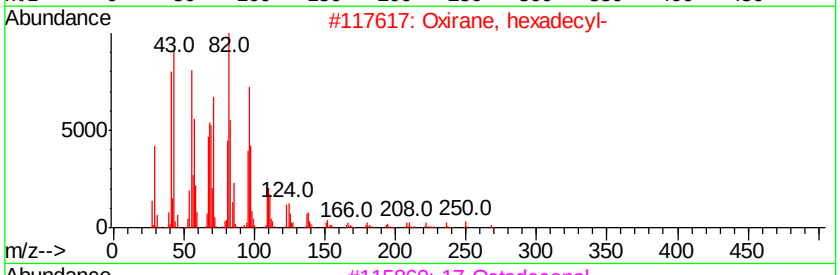
Peak Number 18 Octadecanal Concentration Rank 5

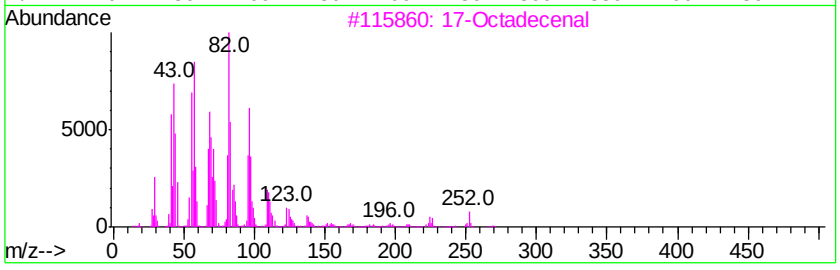
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	10.31 ng/ul	1266020	Perylene-d12	23.46

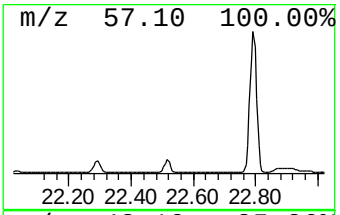
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	17-Octadecenal	266	C18H34O	056554-86-0	91
4	16-Octadecenal	266	C18H34O	056554-87-1	91
5	Octadecanal	268	C18H36O	000638-66-4	91

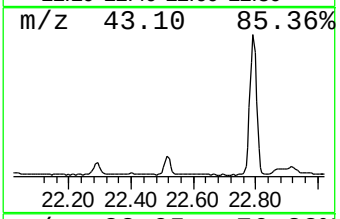


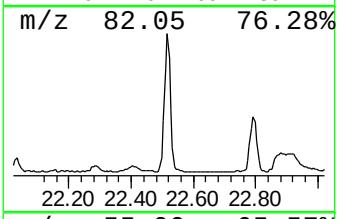


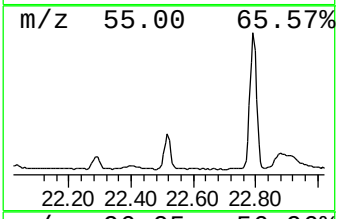


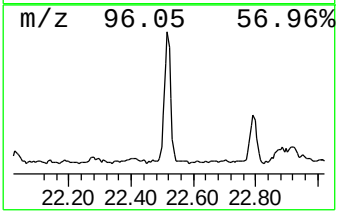












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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

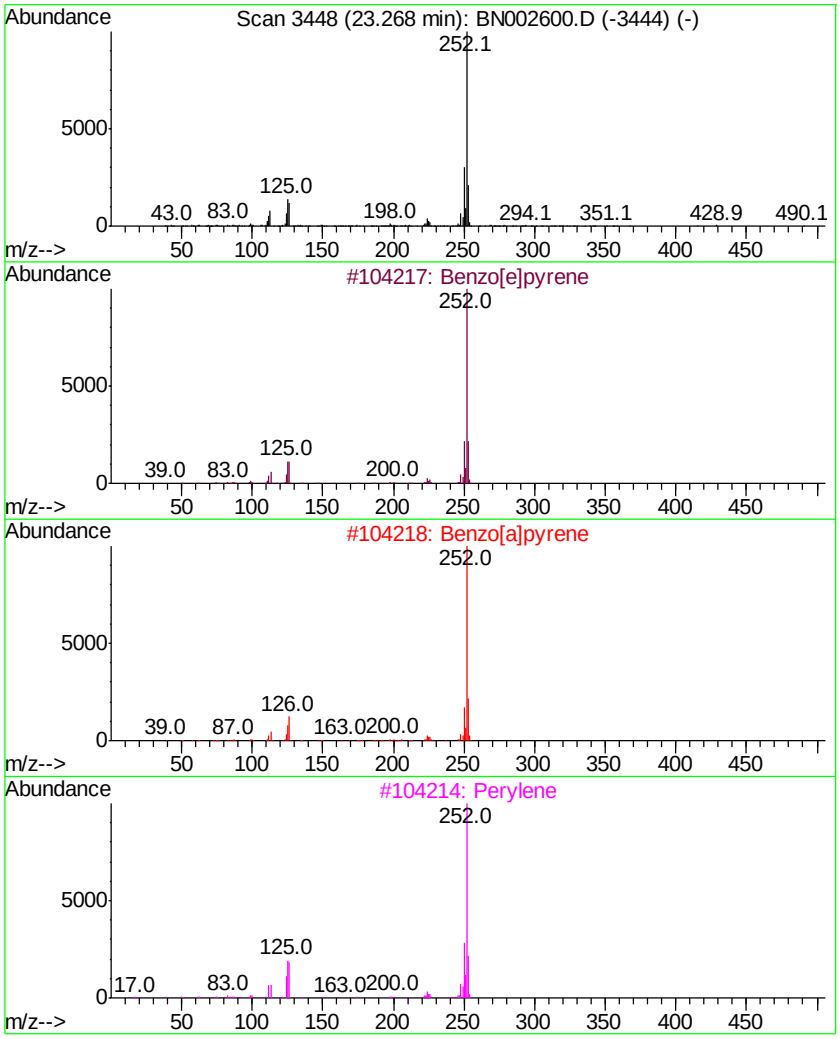
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

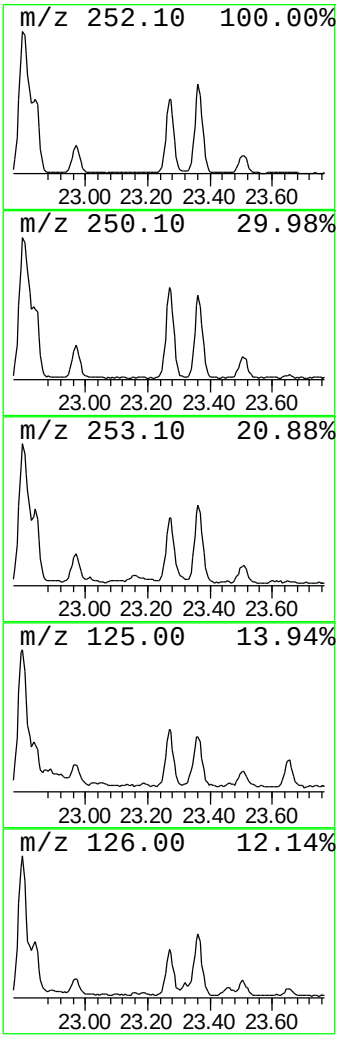
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	4.79 ng/ul	588077	Perylene-d12	23.46

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	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

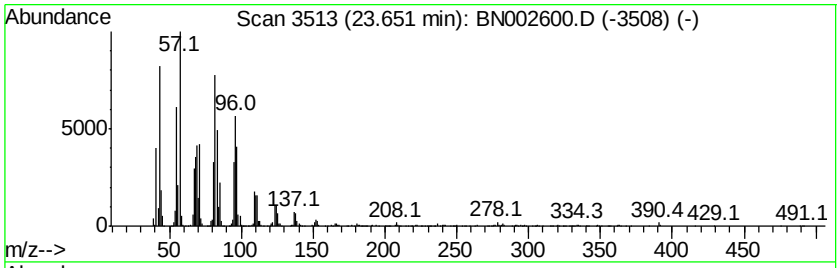
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

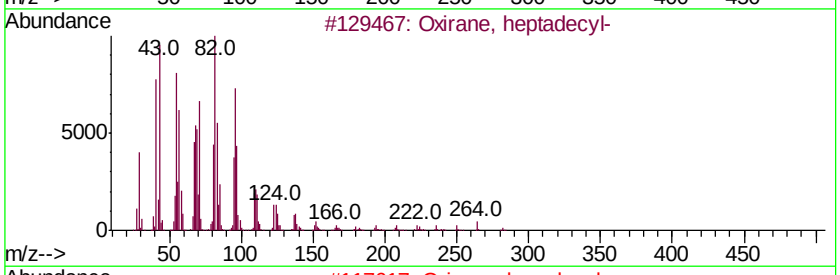
****

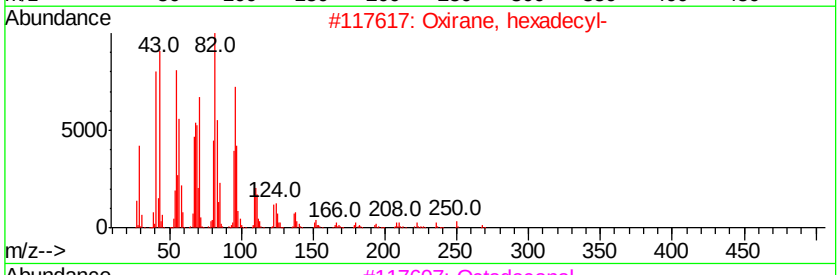
Peak Number 20 Oxirane, heptadecyl- Concentration Rank 2

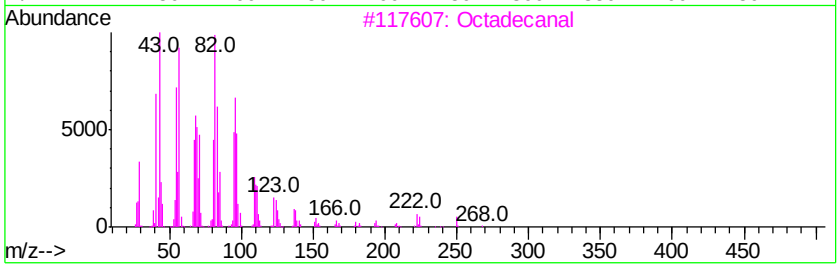
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	20.89 ng/ul	2566540	Perylene-d12	23.46

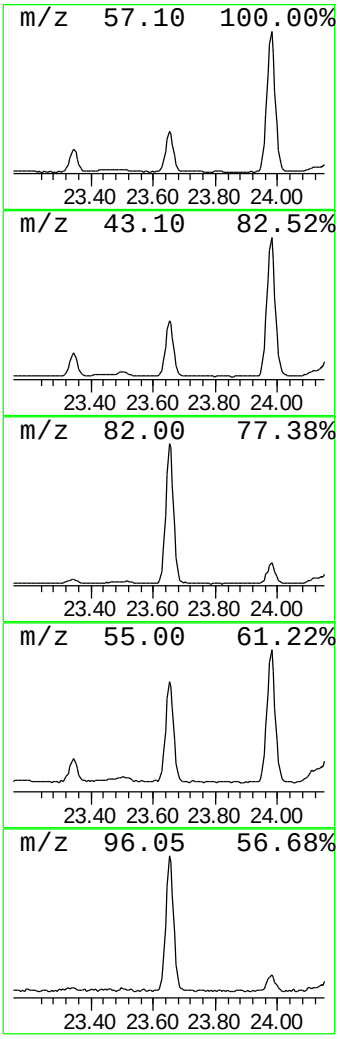
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	97
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Tetradecanal	212	C14H28O	000124-25-4	87











Library Search Compound Report

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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

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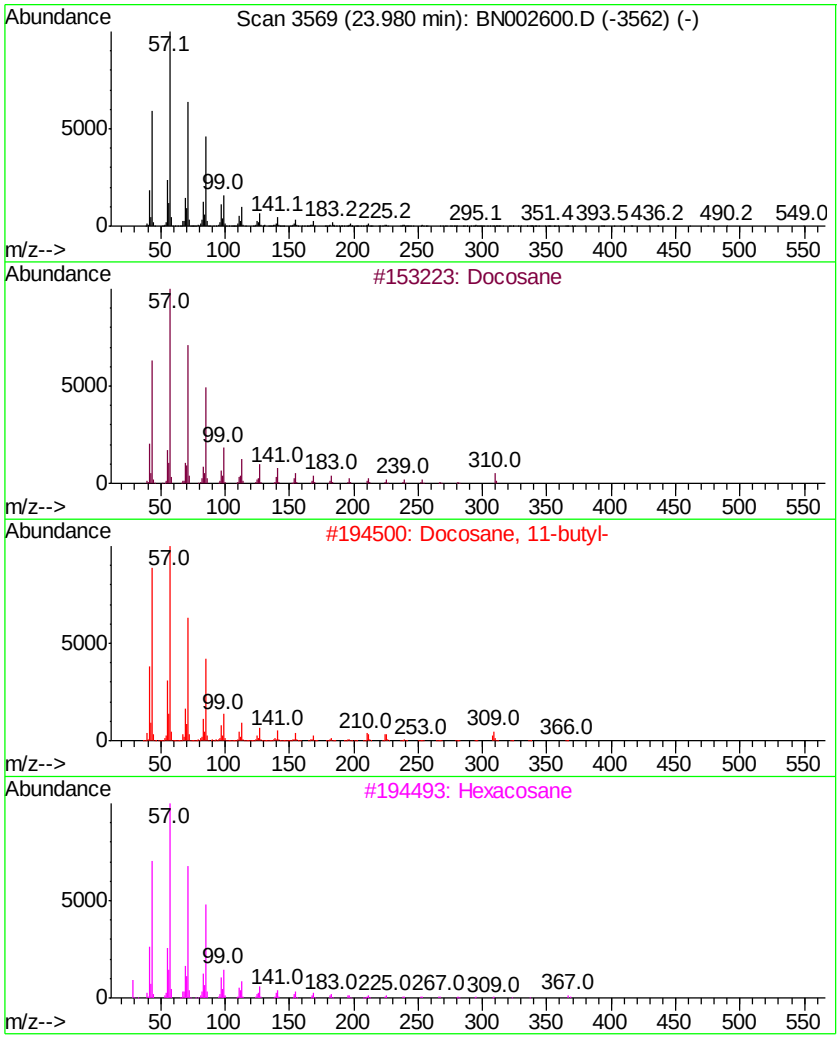
Quant Title : SVOA CALIBRATION

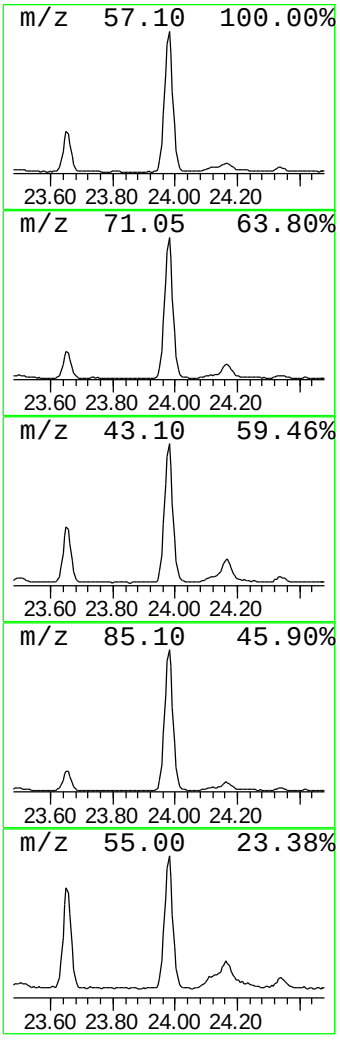
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	38.50 ng/ul	4729140	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Hexacosane	366	C26H54	000630-01-3	94
4	Docosane	310	C22H46	000629-97-0	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





Library Search Compound Report

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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

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Quant Title : SVOA CALIBRATION

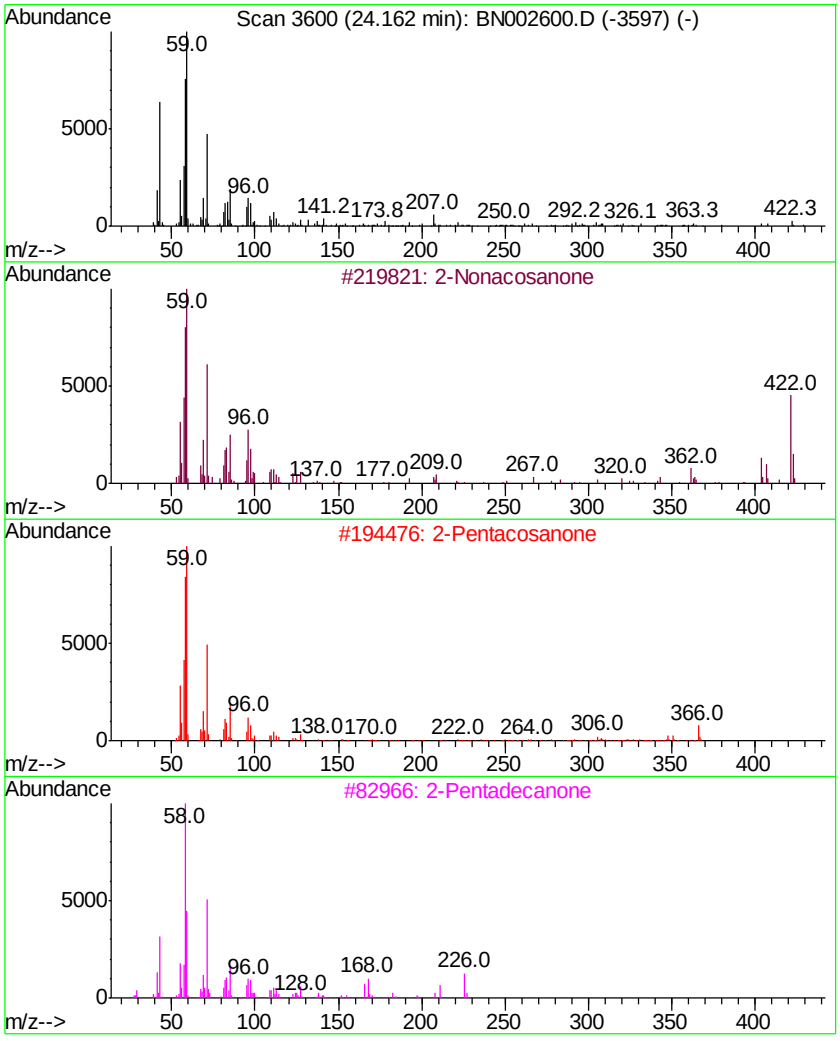
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

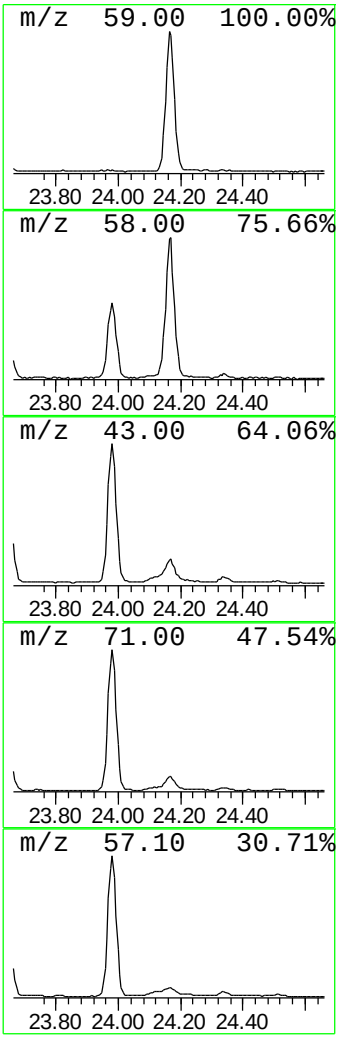
****

Peak Number 22 2-Nonacosanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	6.11 ng/ul	750876	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonacosanone	422	C29H58O	017600-99-6	91
2	2-Pentacosanone	366	C25H50O	075207-54-4	91
3	2-Pentadecanone	226	C15H30O	002345-28-0	50
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	47





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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

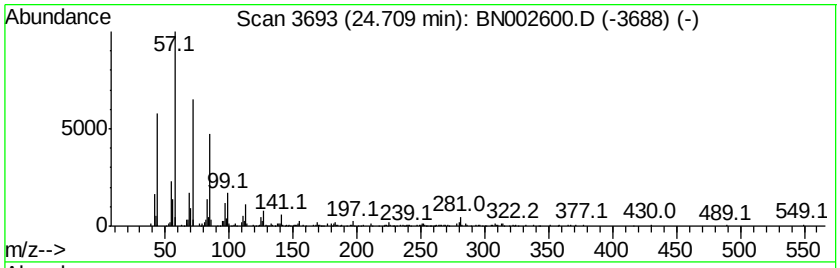
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

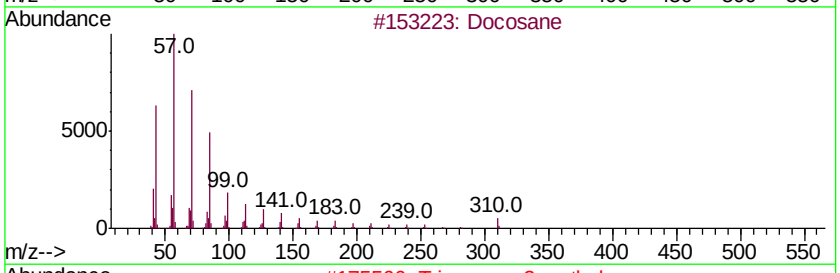
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

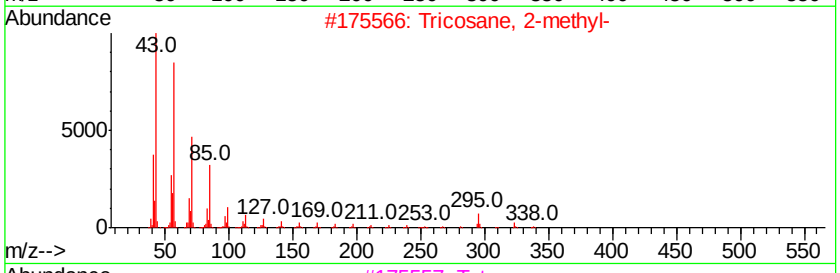
****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 15

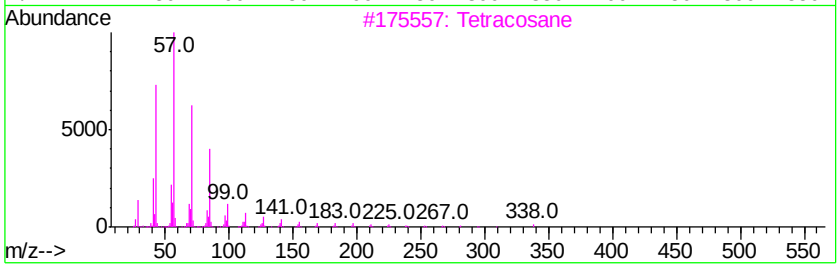
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	4.28 ng/ul	525186	Perylene-d12	23.46

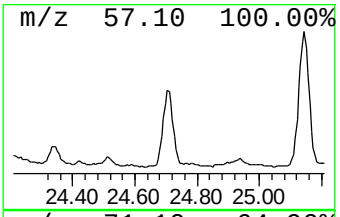
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
5	Octacosane	394	C28H58	000630-02-4	90

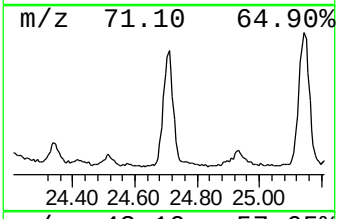


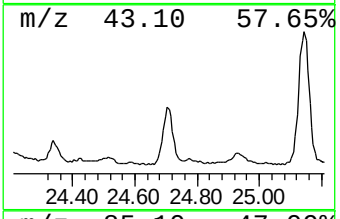


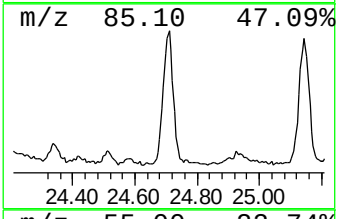


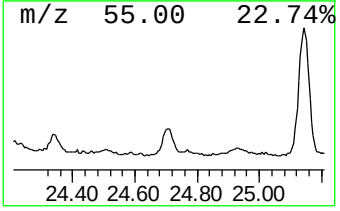












Library Search Compound Report

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Acq On : 06 Sep 2018 03:02
Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

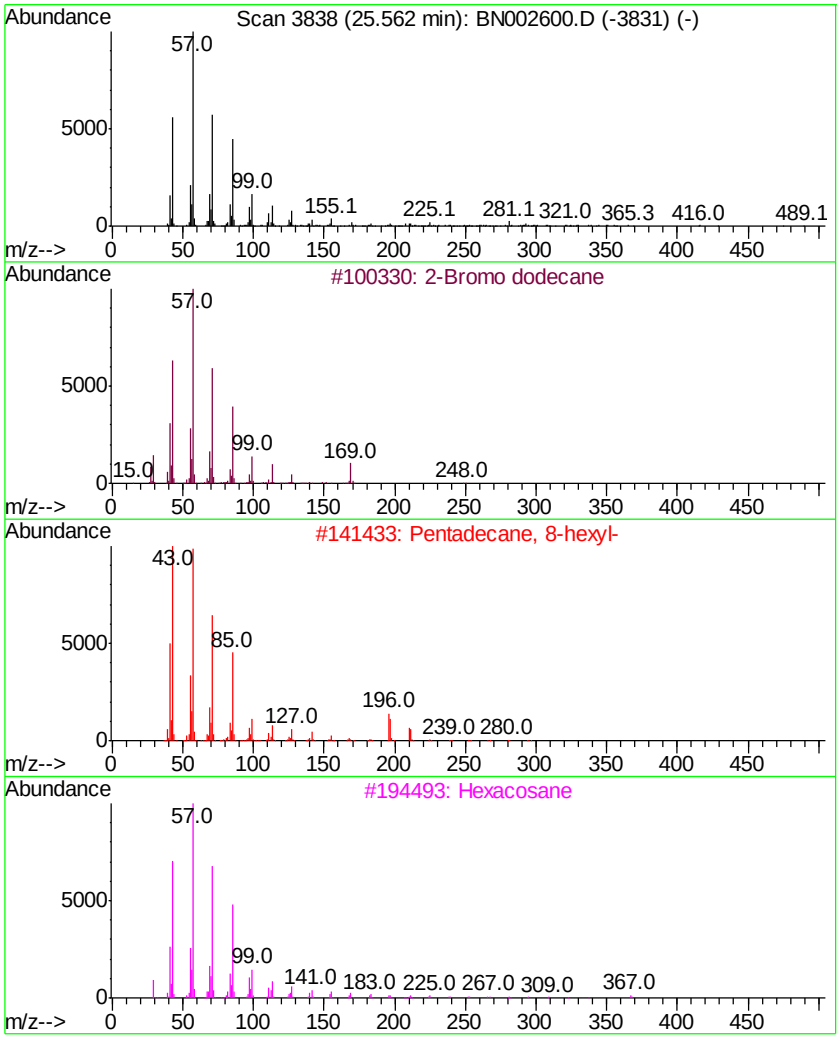
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

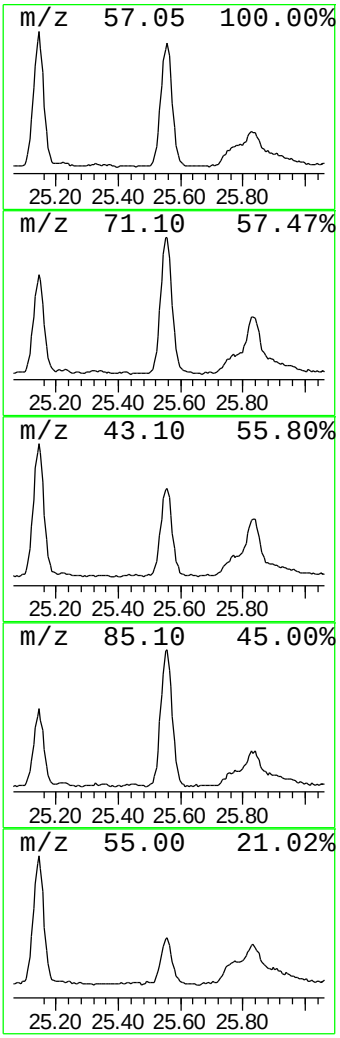
****

Peak Number 25 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	9.38 ng/ul	1152320	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

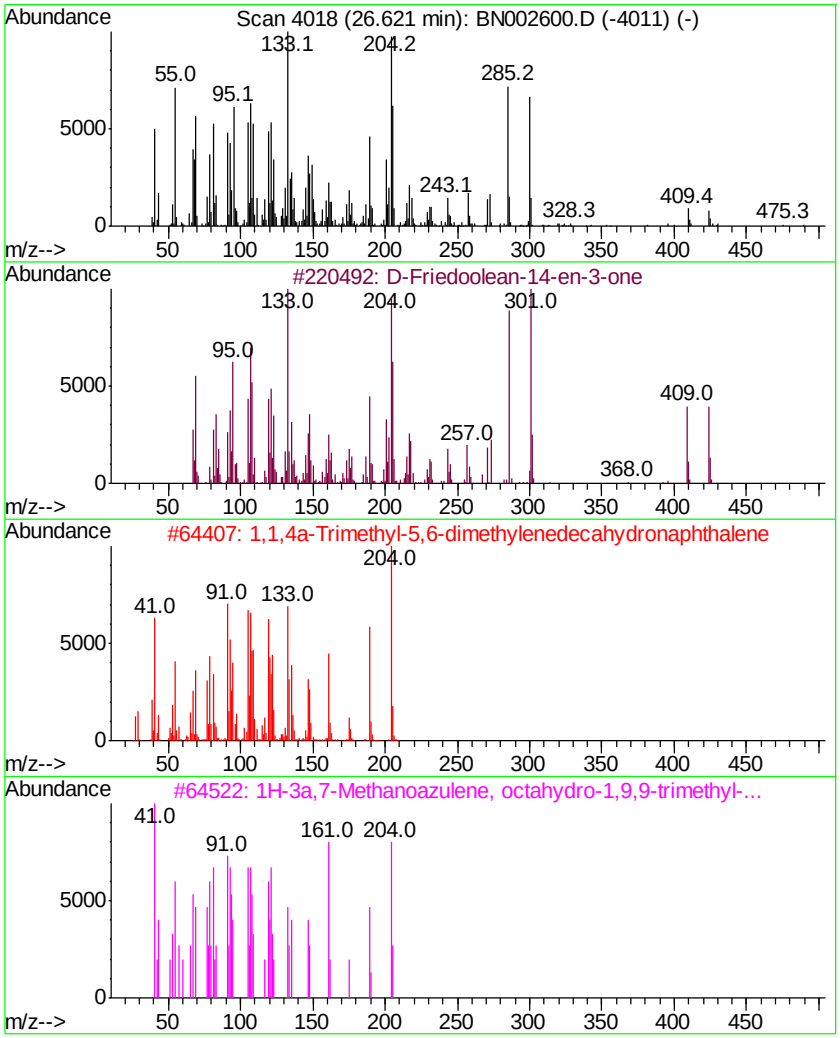
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

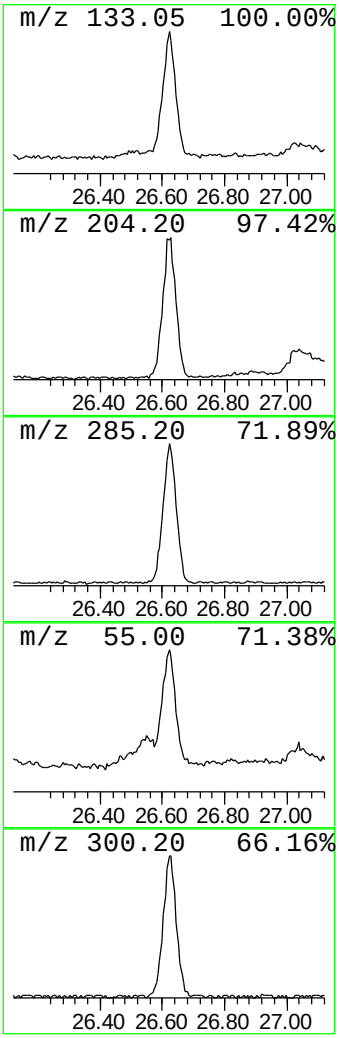
****

Peak Number 26 D-Friedoolean-14-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.62	20.80 ng/ul	2555390	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	53
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	47
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	45
4	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	45
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : J4688-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
Naphthalene, 1-me...	12.32	2.1	ng/ul	144018	2	10.43	1394990	20.0
Diethyltoluamide	15.05	6.9	ng/ul	692023	3	14.29	2006250	20.0
(DEL) Alkane: Str...	16.05	2.9	ng/ul	357257	4	17.05	2445540	20.0
Anthracene, 2-met...	17.92	2.2	ng/ul	274375	4	17.05	2445540	20.0
Phenanthrene, 2-m...	17.96	4.8	ng/ul	586083	4	17.05	2445540	20.0
4H-Cyclopenta[def...	18.11	3.7	ng/ul	450692	4	17.05	2445540	20.0
9,10-Anthracenedione	18.47	4.9	ng/ul	596072	4	17.05	2445540	20.0
Phenanthrene, 2,5...	18.85	3.1	ng/ul	384112	4	17.05	2445540	20.0
(DEL) Alkane: Str...	18.88	2.4	ng/ul	292545	4	17.05	2445540	20.0
Cyclopenta(def)ph...	18.99	2.8	ng/ul	342912	4	17.05	2445540	20.0
Pyrene, 1-methyl-	19.80	2.1	ng/ul	432932	5	21.24	4171990	20.0
11H-Benzo[a]fluor...	20.72	2.4	ng/ul	497963	5	21.24	4171990	20.0
(DEL) Alkane: Str...	20.97	4.7	ng/ul	976411	5	21.24	4171990	20.0
(DEL) Alkane: Str...	21.83	6.6	ng/ul	1376180	5	21.24	4171990	20.0
(DEL) Alkane: Cyc...	21.89	9.9	ng/ul	2074460	5	21.24	4171990	20.0
(DEL) Alkane: Str...	22.29	3.2	ng/ul	672698	5	21.24	4171990	20.0
Octadecanal	22.52	10.3	ng/ul	1266020	6	23.46	2456790	20.0
Benzo[e]pyrene	23.27	4.8	ng/ul	588077	6	23.46	2456790	20.0
Oxirane, heptadecyl-	23.65	20.9	ng/ul	2566540	6	23.46	2456790	20.0
(DEL) Alkane: Str...	23.98	38.5	ng/ul	4729140	6	23.46	2456790	20.0
2-Nonacosanone	24.16	6.1	ng/ul	750876	6	23.46	2456790	20.0
(DEL) Alkane: Str...	24.71	4.3	ng/ul	525186	6	23.46	2456790	20.0
2-Bromo dodecane	25.56	9.4	ng/ul	1152320	6	23.46	2456790	20.0
D-Friedoolean-14-...	26.62	20.8	ng/ul	2555390	6	23.46	2456790	20.0