LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005896.D
Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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_N\METHODS\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	117	120	132	rVB	145734	198565	1.83%	0.408%
2	6.916	664	668	676	rVB	37046	66215	0.61%	0.136%
3	7.116	697	702	709	rBV2	42577	85933	0.79%	0.177%
4	7.557	772	777	786	rBV	277515	514069	4.74%	1.057%
5	8.304	899	904	914	rBV4	28660	65047	0.60%	0.134%
6	8.728	971	976	987	rVB	51327	99812	0.92%	0.205%
7	9.439	1092	1097	1113	rVB3	31888	82209	0.76%	0.169%
8	9.816	1138	1161	1173	rBV	444955	1821452	16.79%	3.746%
9	10.016	1189	1195	1207	rVB2	62279	146963	1.35%	0.302%
10	10.322	1240	1247	1262	rVB	373197	730510	6.73%	1.502%
11	12.545	1612	1625	1643	rVV	517467	1385513	12.77%	2.849%
12	12.798	1664	1668	1677	rVB3	36273	66588	0.61%	0.137%
13	12.933	1681	1691	1696	rBV3	28034	56154	0.52%	0.115%
14	13.022	1701	1706	1712	rVV2	53410	72013	0.66%	0.148%
15	13.616	1800	1807	1812	rBV	162001	243577	2.25%	0.501%
16	13.669	1812	1816	1825	rVB	105482	166023	1.53%	0.341%
17	13.892	1846	1854	1865	rVV	182494	292097	2.69%	0.601%
18	14.027	1867	1877	1879	rVV5	26438	52932	0.49%	0.109%
19	14.198	1897	1906	1914	rVV2	687446	1111100	10.24%	2.285%
20	14.498	1949	1957	1963	rVB	108326	150524	1.39%	0.310%
21	14.598	1965	1974	1979	rBV	104879	143425	1.32%	0.295%
22	14.739	1979	1998	2005	rBV	3256266	10849693	100.00%	22.313%
23	14.798	2005	2008	2018	rVB	181484	332136	3.06%	0.683%
24	15.004	2039	2043	2055	rVB6	143908	323982	2.99%	0.666%
25	15.121	2056	2063	2065	rBV5	42796	91031	0.84%	0.187%
26	15.157	2065	2069	2073	rVB	196198	258660	2.38%	0.532%
27	15.210	2073	2078	2085	rVB	227715	384593	3.54%	0.791%
28	15.374	2101	2106	2108	rBV	205900	253120	2.33%	0.521%
29	15.404	2108	2111	2120	rVB	383692	520552	4.80%	1.071%
30	15.510	2124	2129	2137	rVB	368059	487812	4.50%	1.003%
31	15.716	2159	2164	2168	rBV	492496	600446	5.53%	1.235%
32	15.868	2186	2190	2196	rBV2	40445	56606	0.52%	0.116%
33	15.933	2196	2201	2206	rBV4	66750	123148	1.14%	0.253%
34	15.980	2206	2209	2214	rVB3	42061	58755	0.54%	0.121%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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_N\METHODS\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

35	16.045	2214	2220	2229	rBV	725856	946312	8.72%	1.946%
36	16.121	2229	2233	2237	rVB3	35356	51608	0.48%	0.106%
37	16.198	2239	2246	2250	rBV	443967	581840	5.36%	1.197%
38	16.239	2250	2253	2261	rVB	510252	629017	5.80%	1.294%
39	16.351	2268	2272	2275	rBV	451889	556904	5.13%	1.145%
40	16.404	2275	2281	2294	rVB	1194480	1989930	18.34%	4.092%
41	16.551	2301	2306	2310	rBV	565735	675229	6.22%	1.389%
42	16.733	2331	2337	2342	rBV6	33773	81560	0.75%	0.168%
43	16.780	2342	2345	2353	rVB6	36036	61577	0.57%	0.127%
44	16.863	2353	2359	2367	rBV	896887	1071335	9.87%	2.203%
45	16.957	2369	2375	2383	rBV2	1013483	1523965	14.05%	3.134%
46	17.027	2383	2387	2389	rBV	57032	70713	0.65%	0.145%
47	17.063	2389	2393	2401	rVB2	221095	353988	3.26%	0.728%
48	17.139	2401	2406	2411	rBV3	46450	104531	0.96%	0.215%
49	17.327	2434	2438	2442	rBV	45997	55953	0.52%	0.115%
50	17.627	2482	2489	2495	rVB	78244	152491	1.41%	0.314%
51	17.839	2520	2525	2527	rBV2	61849	90201	0.83%	0.186%
52	17.880	2527	2532	2545	rVV3	938949	1732963	15.97%	3.564%
53	17.980	2546	2549	2559	rVB2	77535	151872	1.40%	0.312%
54	18.157	2575	2579	2585	rVB2	61153	91742	0.85%	0.189%
55	18.304	2600	2604	2606	rBV2	66894	85394	0.79%	0.176%
56	18.415	2616	2623	2625	rBV3	32762	74379	0.69%	0.153%
57	18.510	2627	2639	2640	rBV4	193600	446750	4.12%	0.919%
58	18.586	2643	2652	2657	rBV3	187010	703643	6.49%	1.447%
59	19.051	2728	2731	2748	rVB3	198264	455111	4.19%	0.936%
60	19.174	2748	2752	2755	rBV2	213568	317775	2.93%	0.654%
61	19.380	2783	2787	2793	rVB	349653	506874	4.67%	1.042%
62	19.486	2801	2805	2809	rVV2	136994	202548	1.87%	0.417%
63	19.527	2809	2812	2821	rVB3	161355	250032	2.30%	0.514%
64	19.609	2823	2826	2832	rVB	130553	174981	1.61%	0.360%
65	19.762	2848	2852	2855	rBV2	197735	328394	3.03%	0.675%
66	19.892	2872	2874	2886	rVB2	197080	431391	3.98%	0.887%
67	19.986	2888	2890	2892	rBV3	71707	79965	0.74%	0.164%
68	20.133	2912	2915	2925	rVB3	106390	196975	1.82%	0.405%
69	20.262	2934	2937	2938	rBV2	60904	65261	0.60%	0.134%
70	20.321	2945	2947	2950	rBV2	65198	88496	0.82%	0.182%
71	20.380	2954	2957	2960	rVV4	181510	286885	2.64%	0.590%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

72	20.409	2960	2962	2971	rVB2	204776	301834	2.78%	0.621%
73	20.480	2972	2974	2981	rVB2	76917	110570	1.02%	0.227%
74	20.621	2994	2998	3005	rBV2	114209	155863	1.44%	0.321%
75	20.745	3015	3019	3022	rBV3	75932	133234	1.23%	0.274%
76	20.833	3029	3034	3038	rBV2	226697	393452	3.63%	0.809%
77	20.868	3038	3040	3044	rVV	185376	256031	2.36%	0.527%
78	20.909	3044	3047	3050	rVV	195947	265776	2.45%	0.547%
79	20.945	3050	3053	3066	rVB3	201914	365358	3.37%	0.751%
80	21.080	3073	3076	3078	rBV2	147091	166575	1.54%	0.343%
81	21.109	3078	3081	3085	rVB	248484	289892	2.67%	0.596%
82	21.198	3091	3096	3102	rBV2	1270969	1821437	16.79%	3.746%
83	21.245	3102	3104	3106	rBV3	58289	62025	0.57%	0.128%
84	21.309	3111	3115	3120	rVV5	102992	162918	1.50%	0.335%
85	21.380	3125	3127	3133	rVB3	84152	111318	1.03%	0.229%
86	21.515	3147	3150	3156	rBV2	92175	114940	1.06%	0.236%
87	21.592	3160	3163	3166	rVV3	113091	178118	1.64%	0.366%
88	21.627	3166	3169	3176	rVV	178239	363625	3.35%	0.748%
89	21.698	3177	3181	3191	rVB4	114449	258059	2.38%	0.531%
90	21.827	3200	3203	3214	rVB4	94353	190236	1.75%	0.391%
91	22.039	3234	3239	3248	rVB	1275093	1854016	17.09%	3.813%
92	22.127	3251	3254	3260	rVB3	138540	202324	1.86%	0.416%
93	22.233	3269	3272	3276	rBV	142370	198281	1.83%	0.408%
94	22.280	3277	3280	3289	rVB	115455	204343	1.88%	0.420%
95	22.415	3299	3303	3304	rBV2	94775	118013	1.09%	0.243%
96	22.727	3352	3356	3361	rBV2	98344	132840	1.22%	0.273%
97	22.780	3361	3365	3374	rBV4	94350	212208	1.96%	0.436%
98	23.268	3442	3448	3454	rBV2	253605	461058	4.25%	0.948%
99	23.403	3464	3471	3489	rVB	706388	1814873	16.73%	3.732%
100	23.950	3559	3564	3566	rBV3	99347	165850	1.53%	0.341%

Sum of corrected areas: 48624907

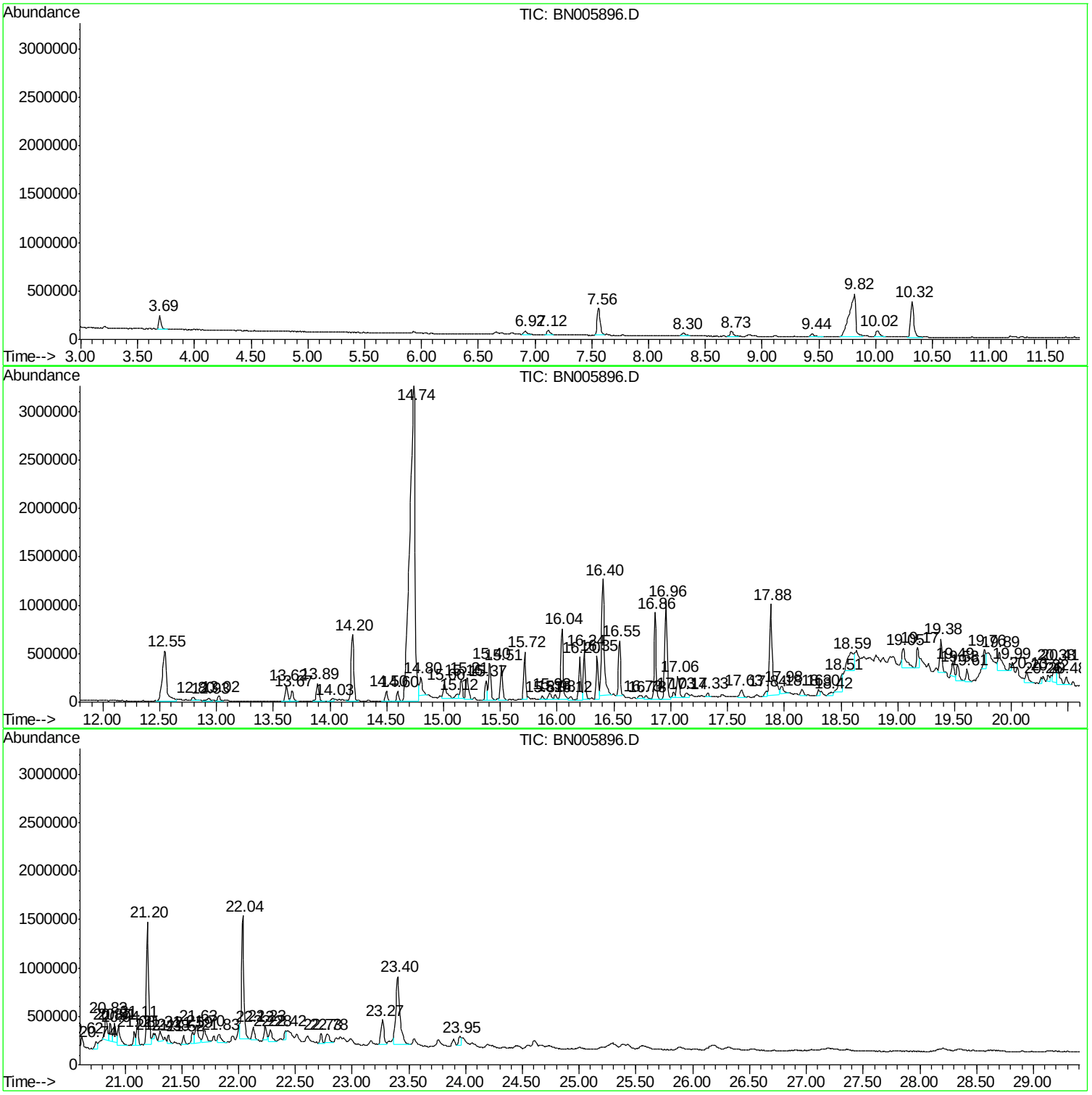
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005896.D
Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

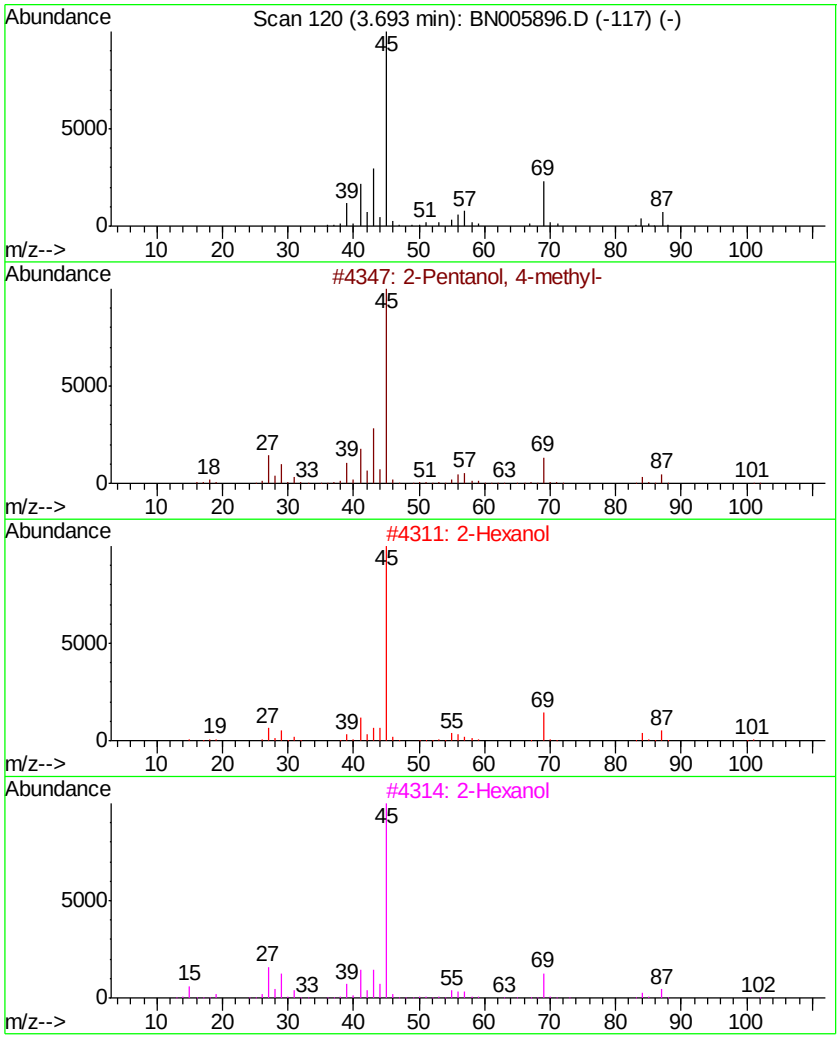
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

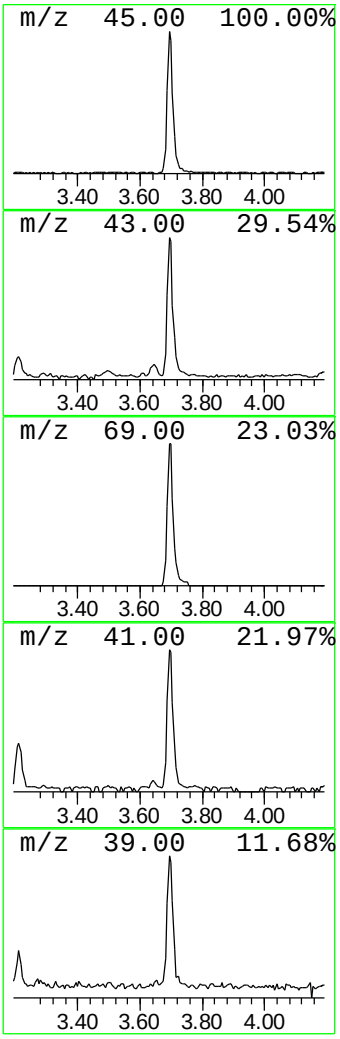
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	7.73 ng/ul	198565	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	74
3	2-Hexanol	102	C6H14O	000626-93-7	64
4	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	64
5	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005896.D
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Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

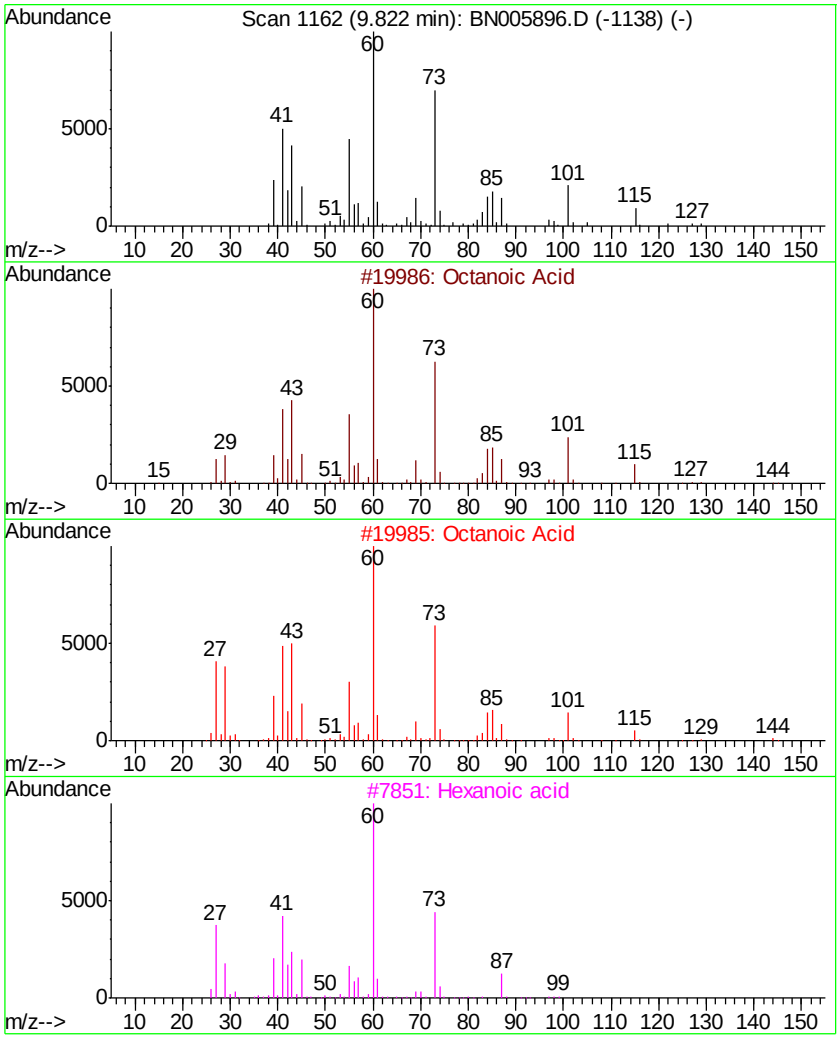
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

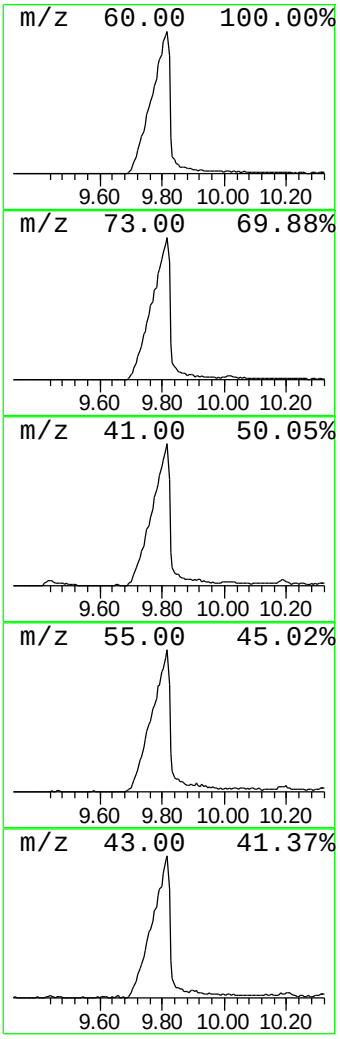
****

Peak Number 2 Octanoic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	49.87 ng/ul	1821450	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	94
2	Octanoic Acid	144	C8H16O2	000124-07-2	86
3	Hexanoic acid	116	C6H12O2	000142-62-1	59
4	Octanoic Acid	144	C8H16O2	000124-07-2	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	59





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Quant Title : SVOA CALIBRATION

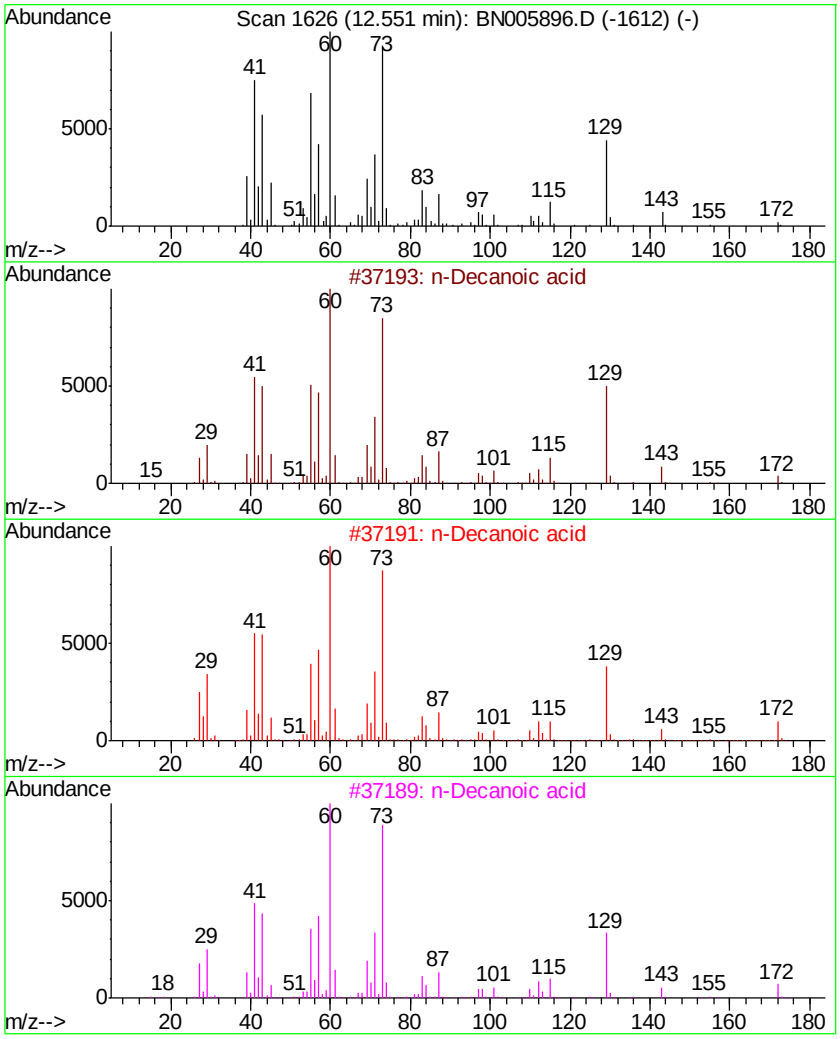
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

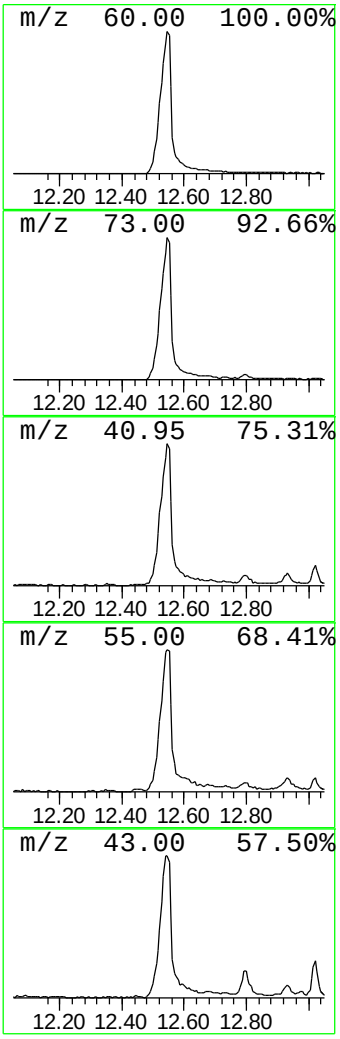
****

Peak Number 3 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	24.94 ng/ul	1385510	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	87
2	n-Decanoic acid	172	C10H20O2	000334-48-5	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

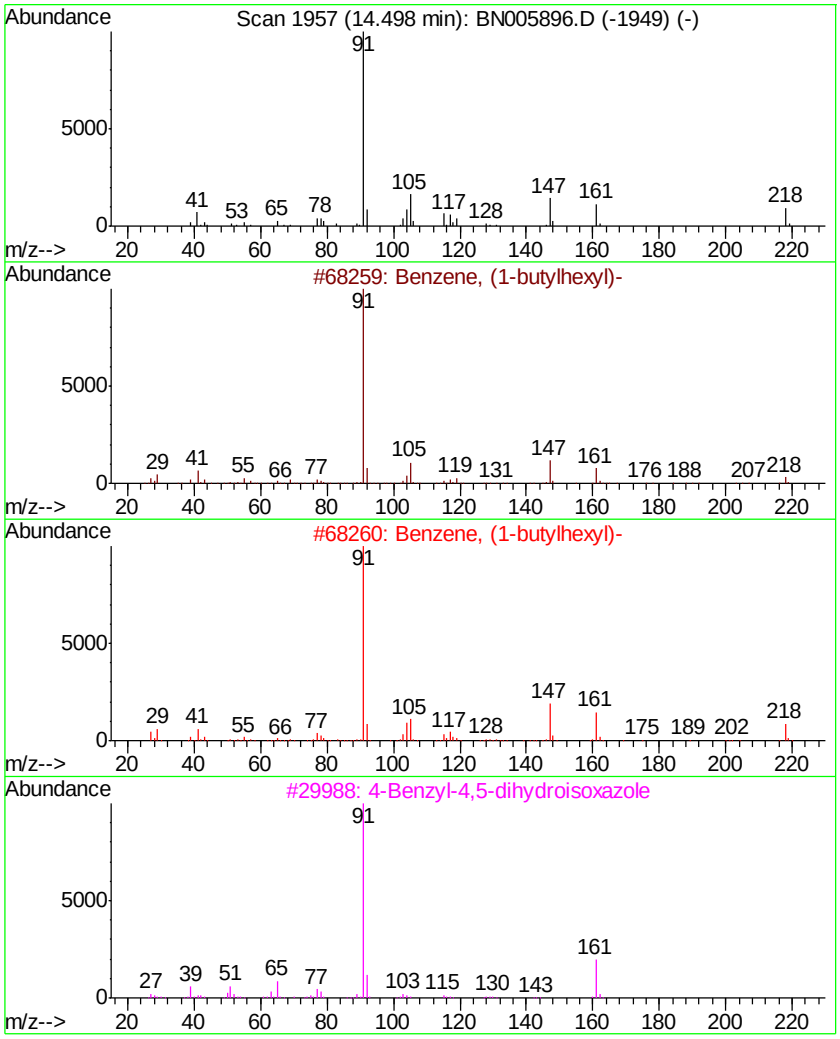
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

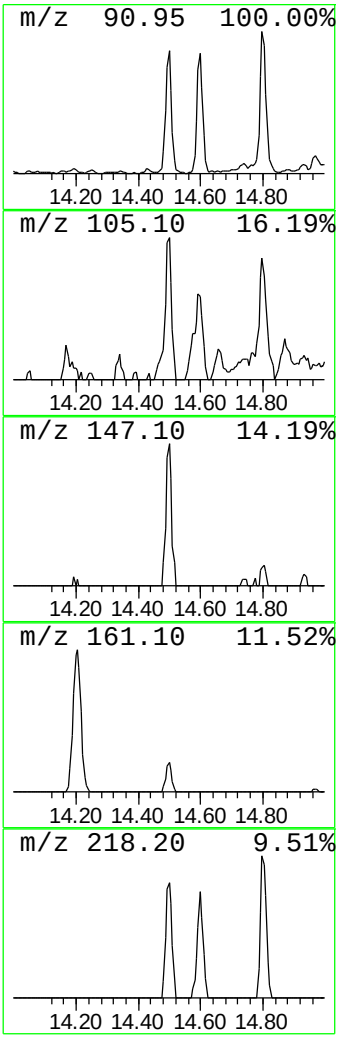
****

Peak Number 4 Benzene, (1-butylhexyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.71 ng/ul	150524	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	87
2	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	76
3	4-Benzyl-4,5-dihydroisoxazole	161	C10H11NO	1000191-08-3	38
4	Benzene, decyl-	218	C16H26	000104-72-3	37
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005896.D
Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

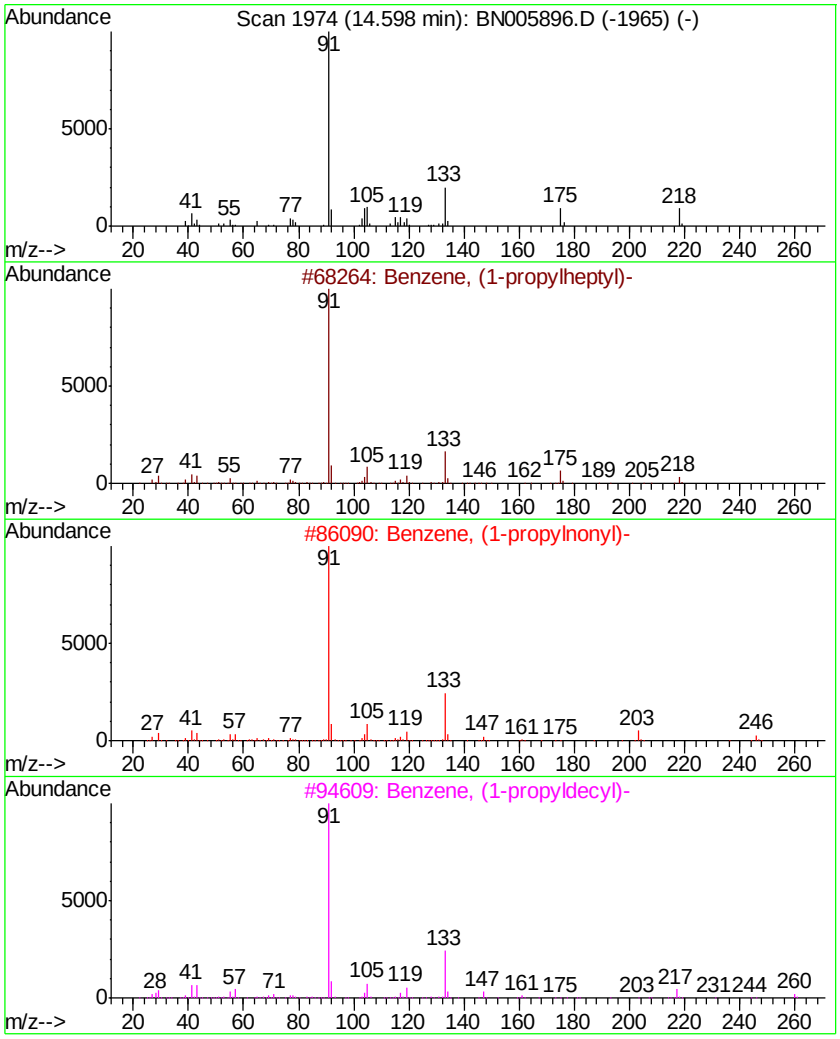
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

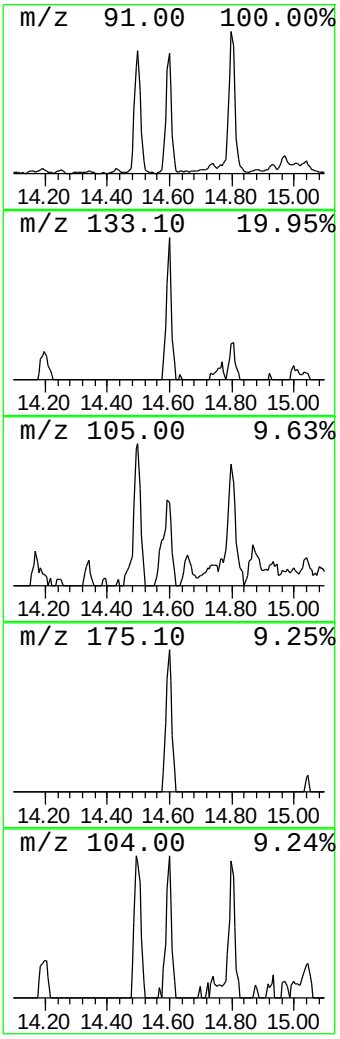
****

Peak Number 5 Benzene, (1-propylheptyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.58 ng/ul	143425	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	80
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	42
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	40
4	Benzene, heptyl-	176	C13H20	001078-71-3	38
5	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	38





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Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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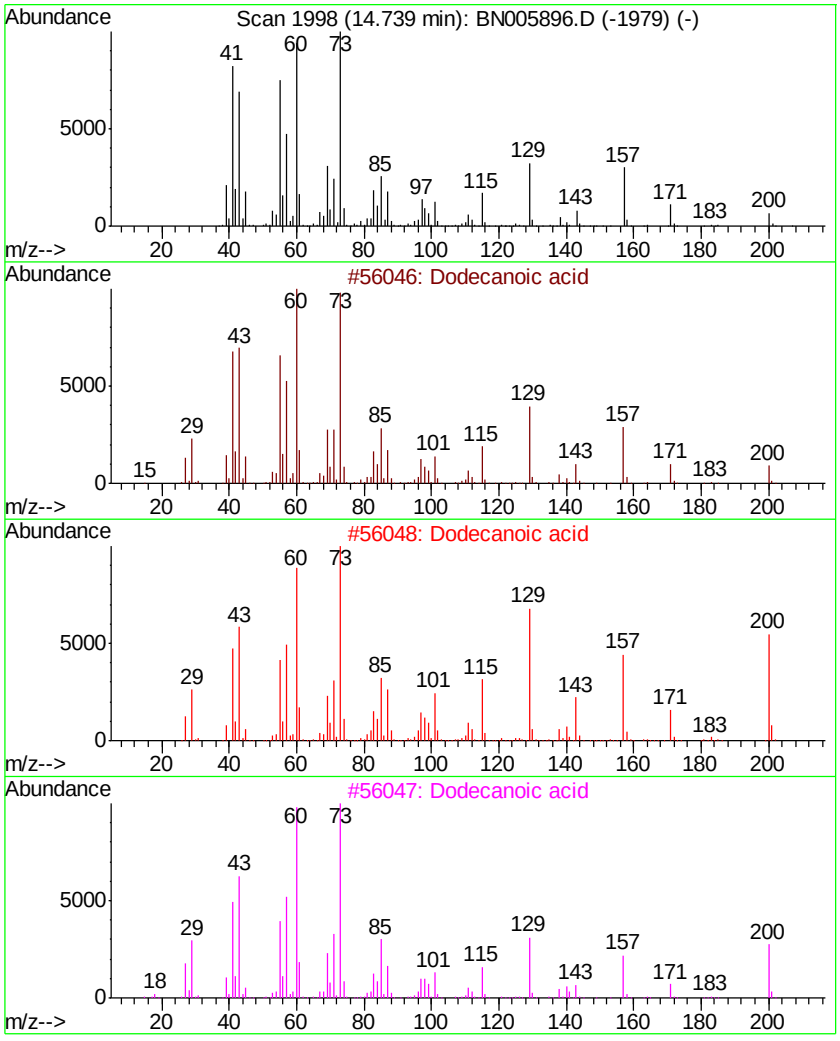
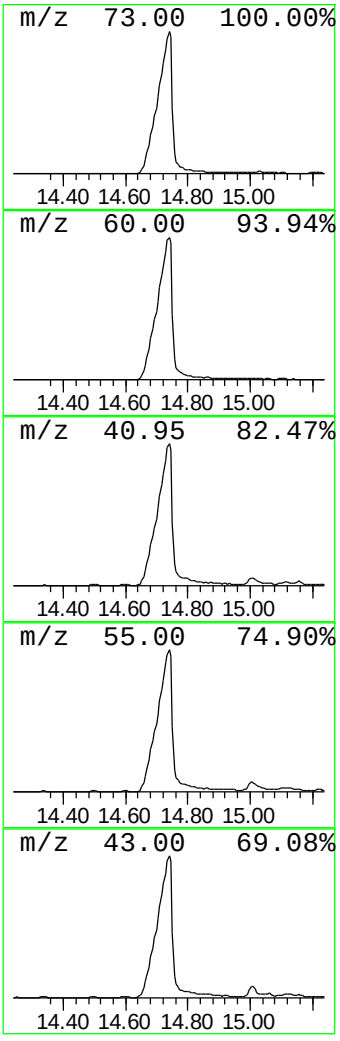
Peak Number 6 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	195.30 ng/ul	10849700	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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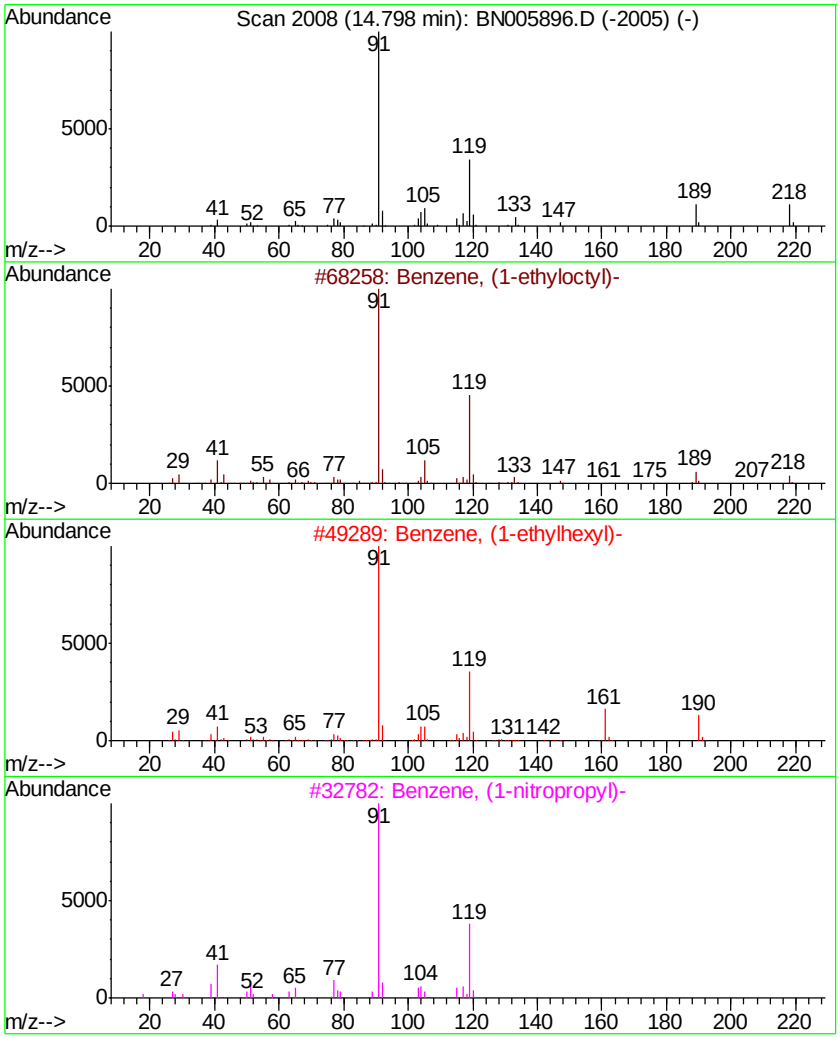
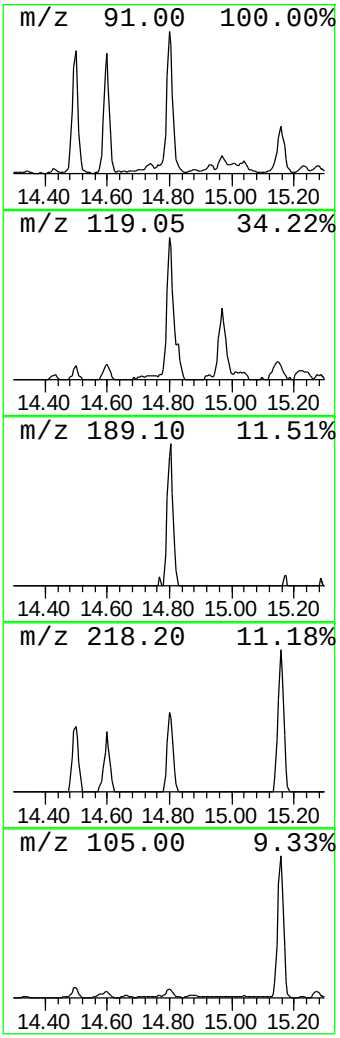
Peak Number 7 Benzene, (1-ethyloctyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.98 ng/ul	332136	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	90
2	Benzene, (1-ethylhexyl)-	190	C14H22	018335-15-4	53
3	Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	47
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	47
5	1H-1,2,3-Triazole-4-carboxylic a...	218	C10H10N4O2	025784-56-9	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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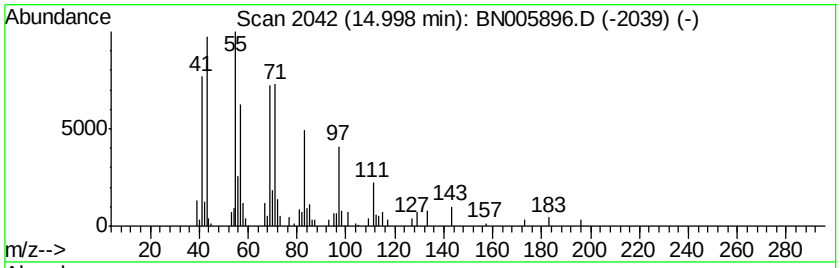
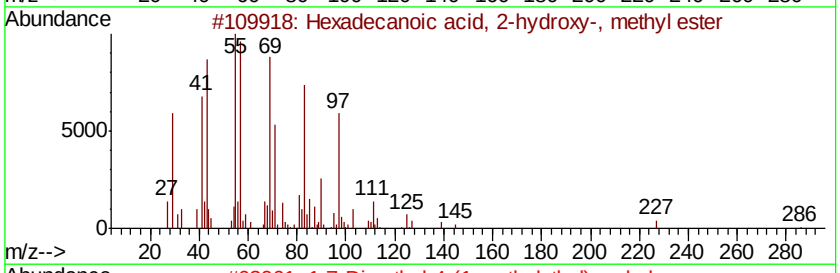
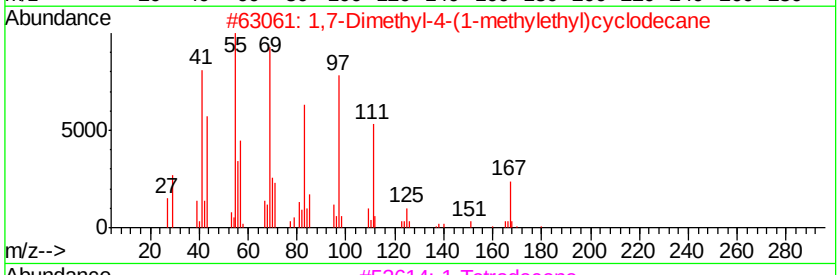
Peak Number 8 unknown-01 Concentration Rank 21

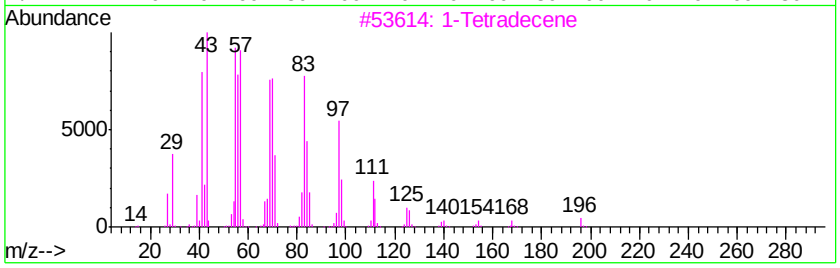
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	5.83 ng/ul	323982	Acenaphthene-d10	14.20

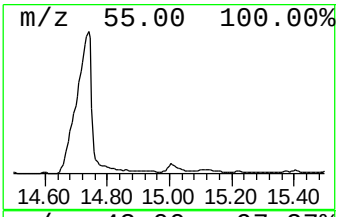
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	46
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3	1-Tetradecene	196	C14H28	001120-36-1	38
4	Cyclohexanecarboxylic acid, 2-tr...	310	C20H38O2	1000280-59-3	38
5	1-Eicosanol	298	C20H42O	000629-96-9	38

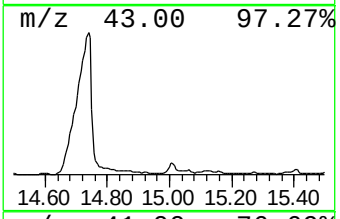


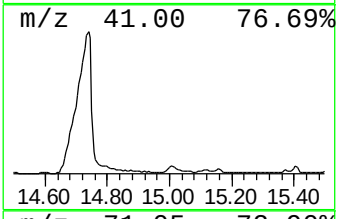


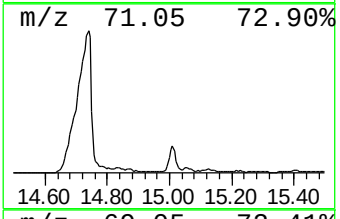


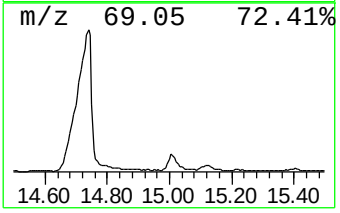












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Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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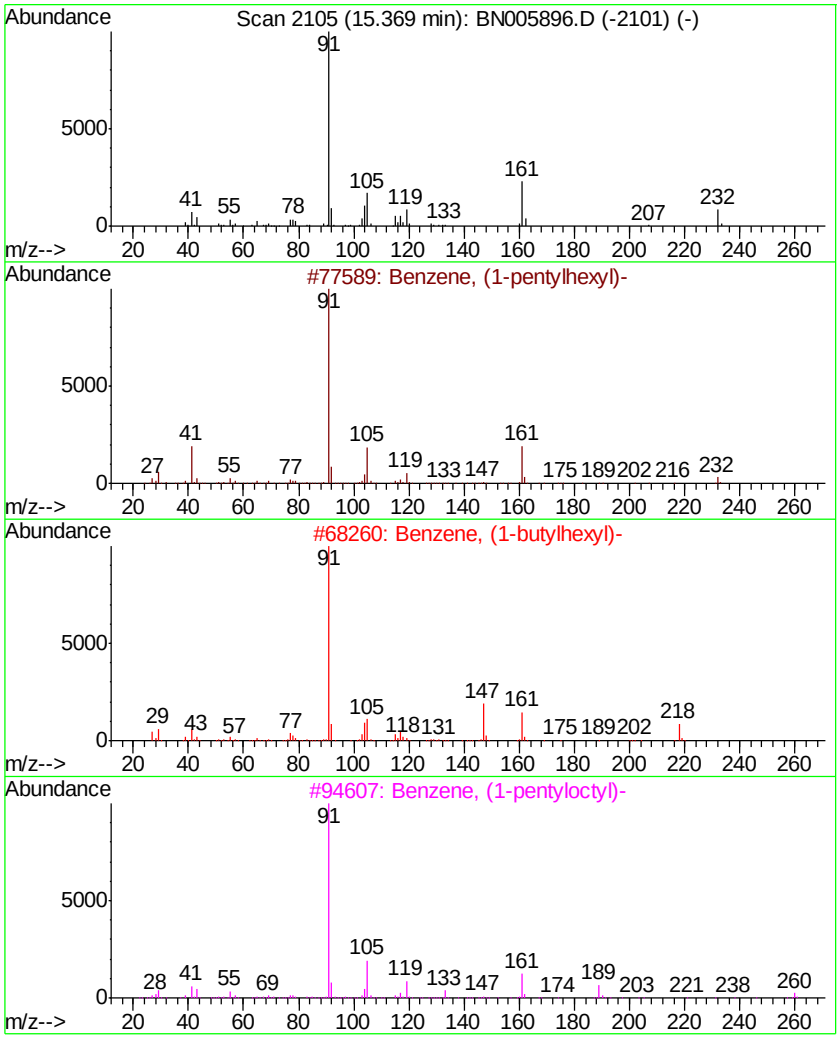
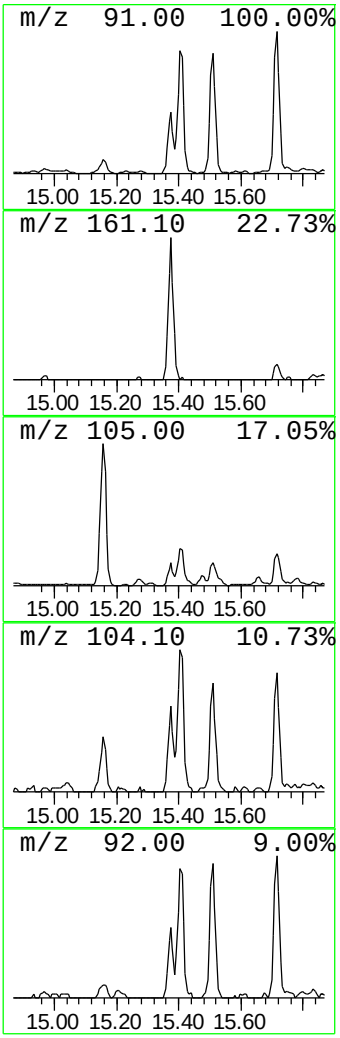
Peak Number 9 Benzene, (1-pentylhexyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.56 ng/ul	253120	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	86
2	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	50
3	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	36
4	4-Benzyl-4,5-dihydroisoxazole	161	C10H11NO	1000191-08-3	32
5	Benzene, (1-ethylbutyl)-	162	C12H18	004468-42-2	27





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Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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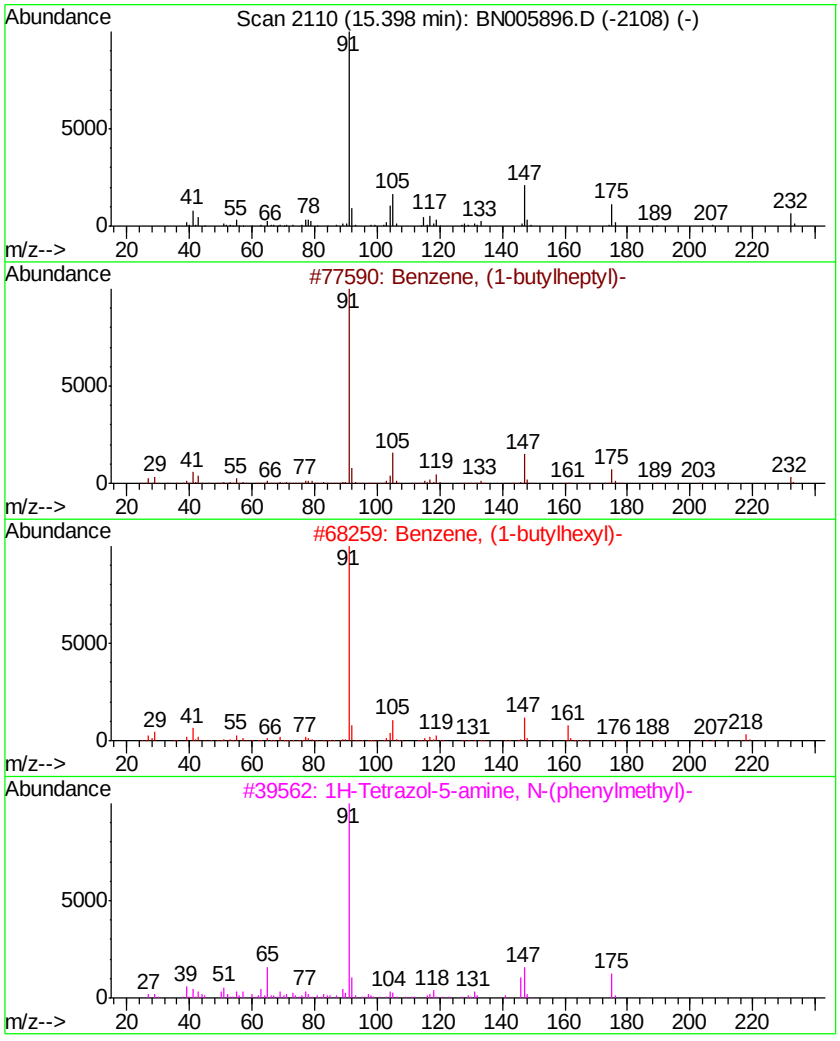
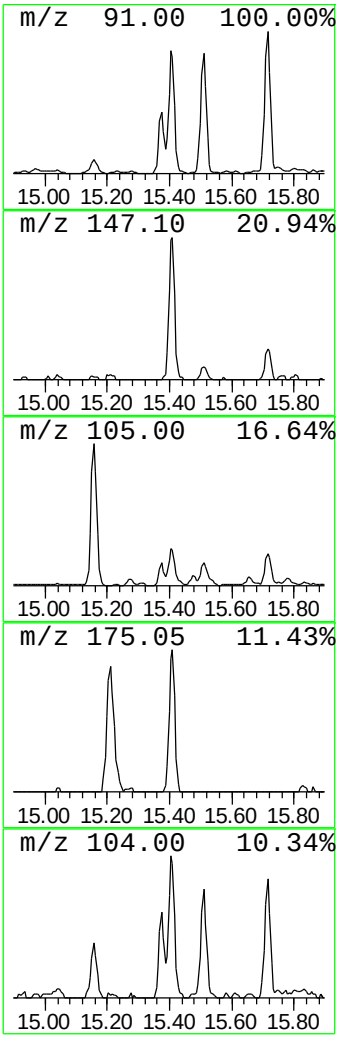
Peak Number 10 Benzene, (1-butylheptyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	9.37 ng/ul	520552	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	83
2	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	59
3	1H-Tetrazol-5-amine, N-(phenylme...	175	C8H9N5	014832-58-7	46
4	1-Benzylazetidine	147	C10H13N	007730-39-4	38
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	38





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Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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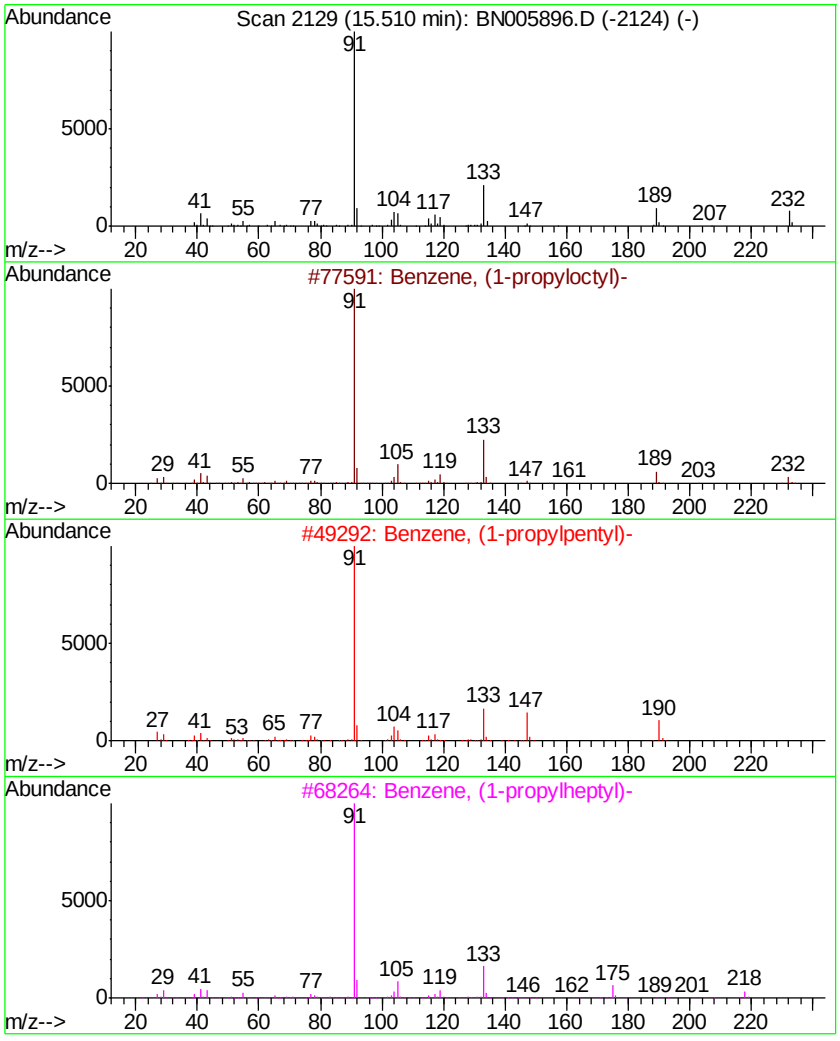
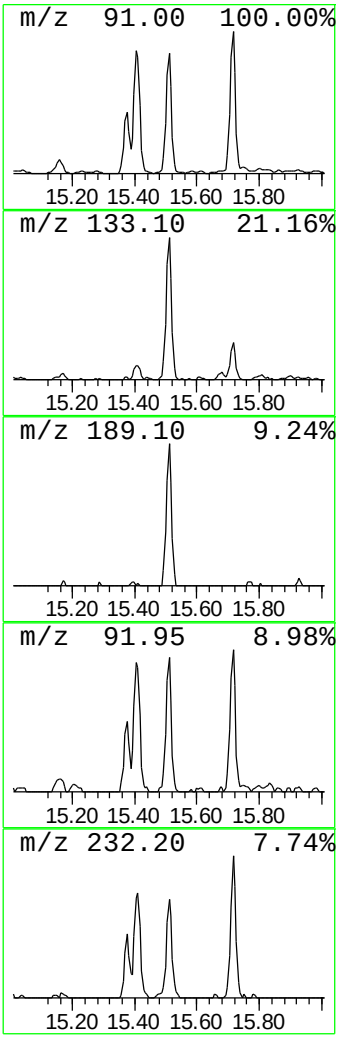
Peak Number 11 Benzene, (1-propyloctyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	8.78 ng/ul	487812	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	90
2	Benzene, (1-propylpentyl)-	190	C14H22	018335-17-6	50
3	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	43
4	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	42
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	38





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Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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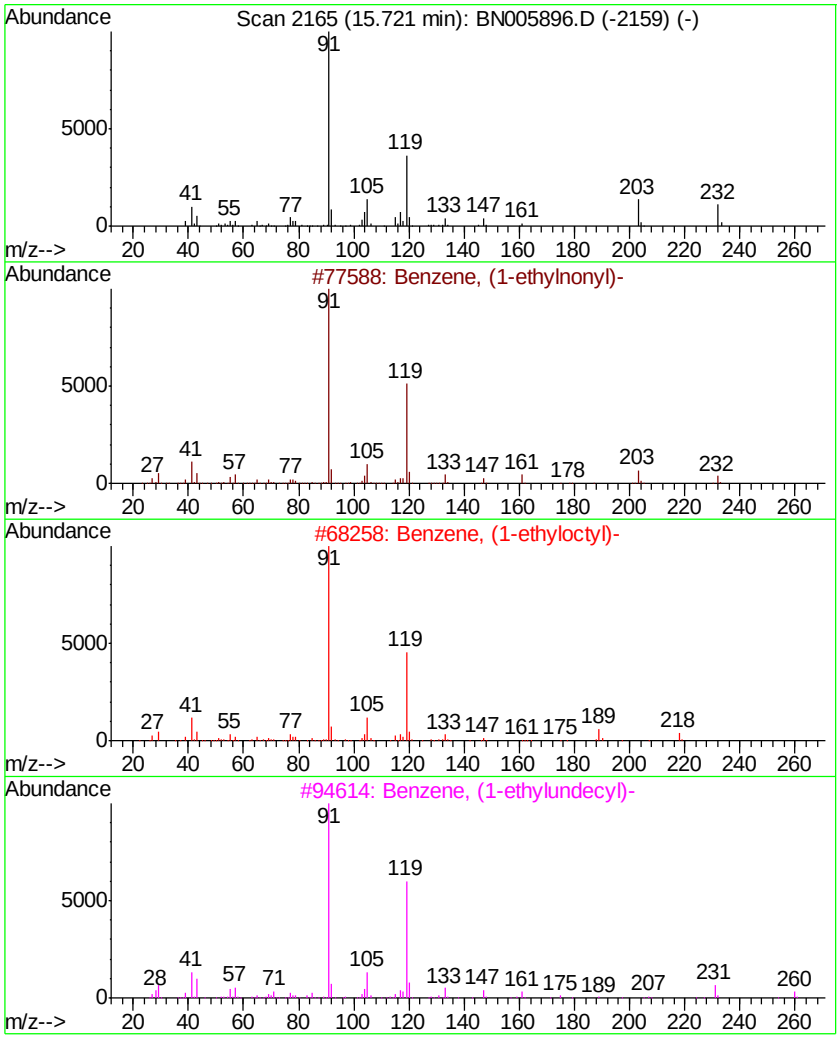
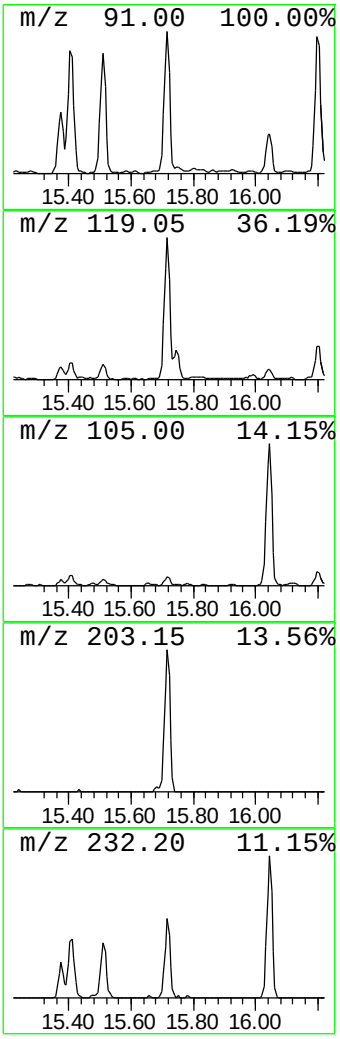
Peak Number 12 Benzene, (1-ethylnonyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.88 ng/ul	600446	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	91
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	53
3	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	53
4	(1-(Methylthio)propyl)benzene	166	C10H14S	022906-19-0	47
5	Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	47





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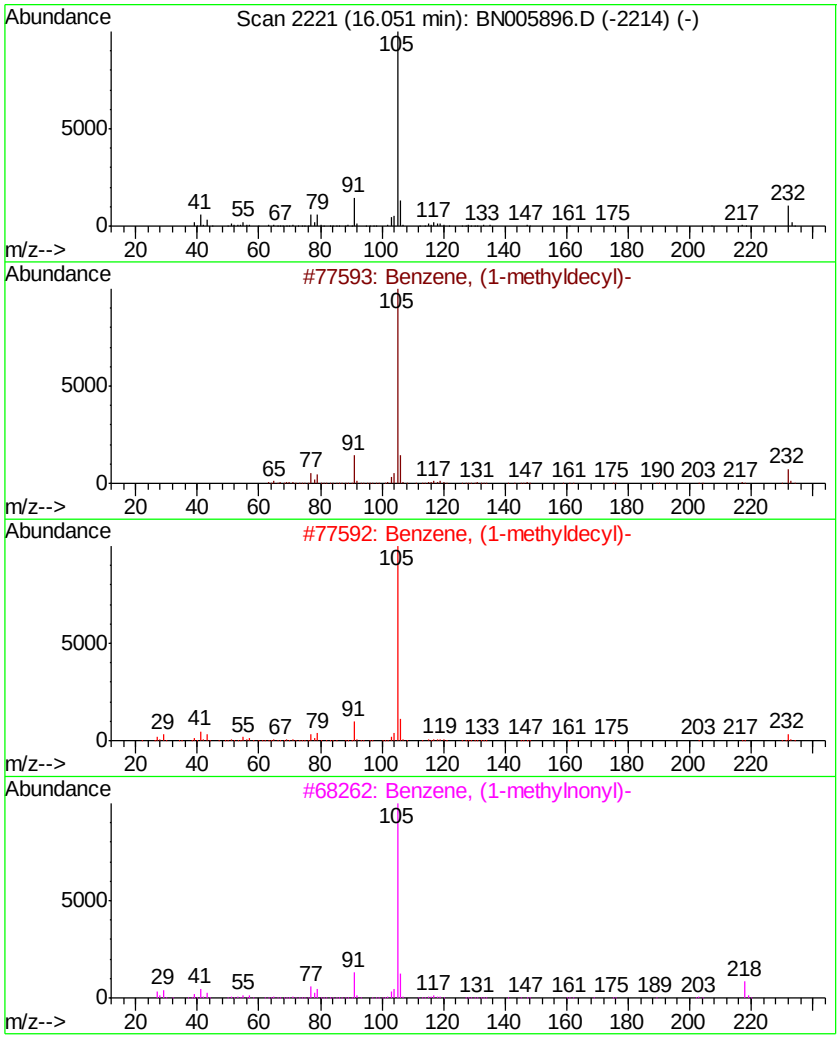
Quant Title : SVOA CALIBRATION

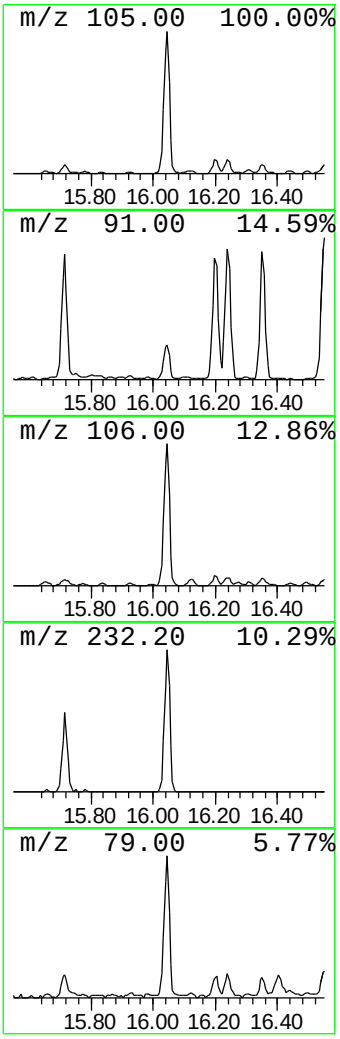
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1-methyldecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	12.42 ng/ul	946312	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	97
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	90
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59





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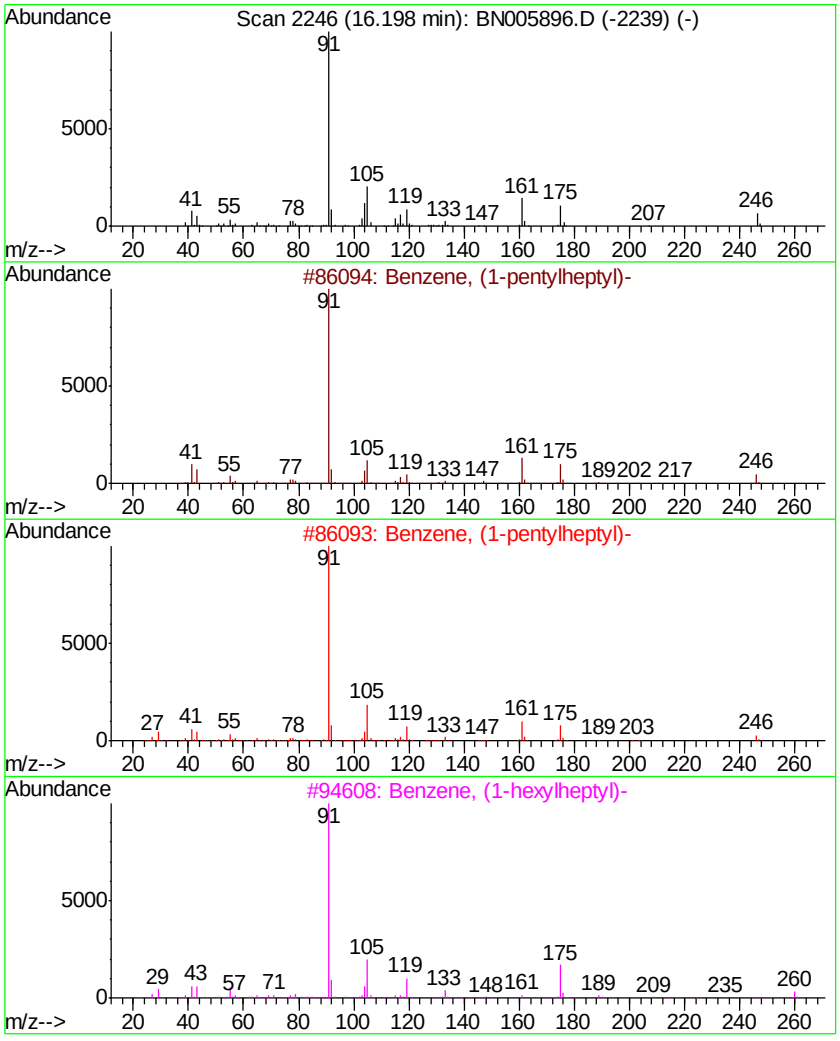
Quant Title : SVOA CALIBRATION

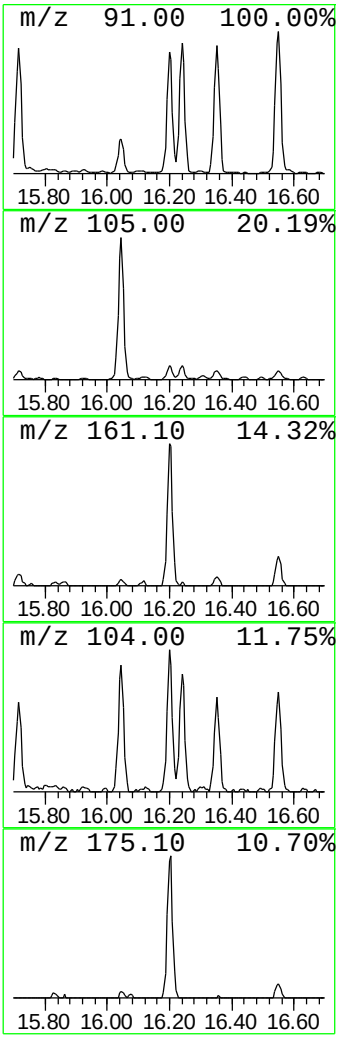
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-pentylheptyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	7.64 ng/ul	581840	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	94
2	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	90
3	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	53
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	50
5	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	43





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Quant Title : SVOA CALIBRATION

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

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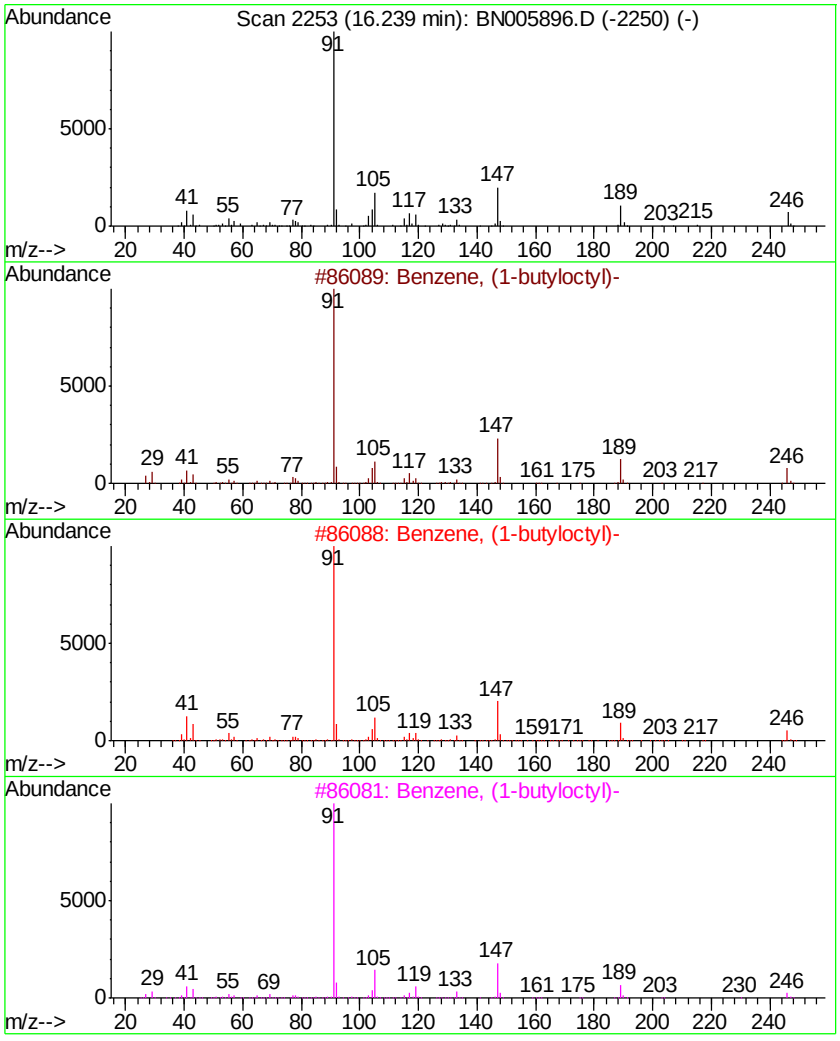
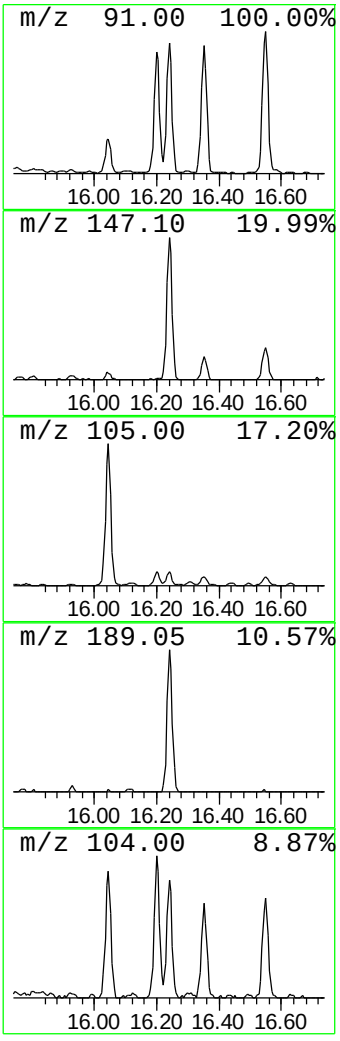
Peak Number 15 Benzene, (1-butyloctyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	8.26 ng/ul	629017	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	97
2	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	96
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	91
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50
5	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	49





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Sample : K2814-02
Misc :
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Instrument : BNA_N
ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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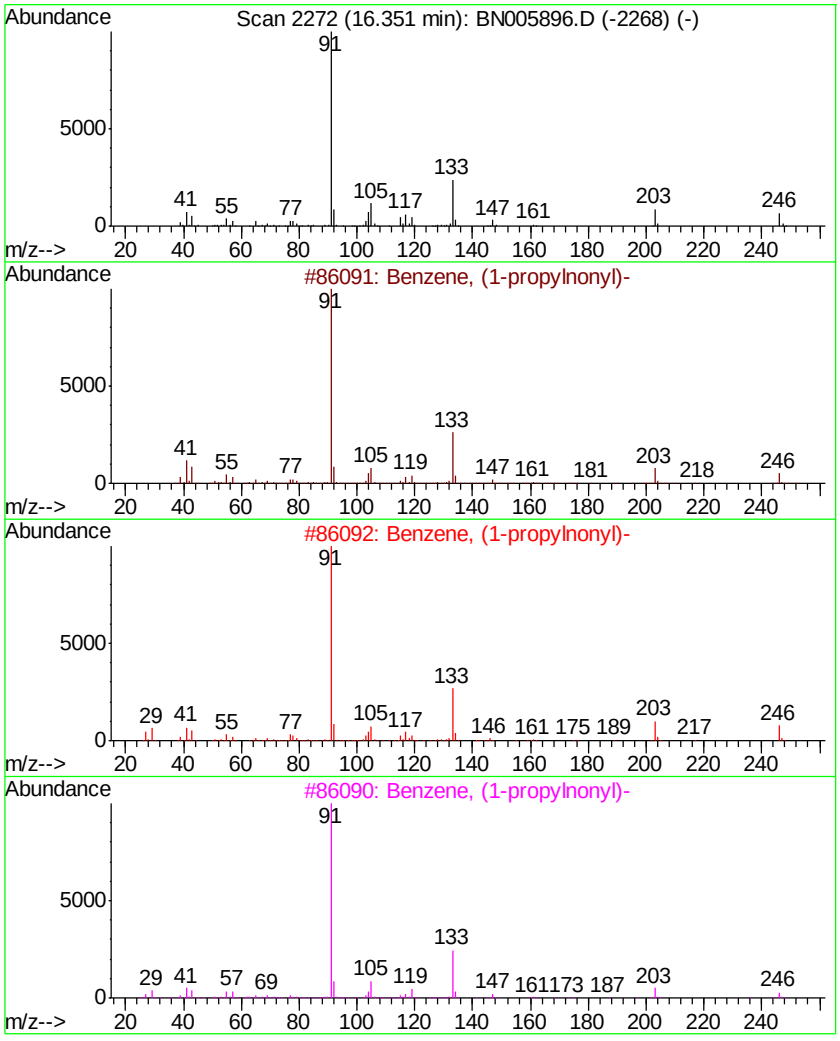
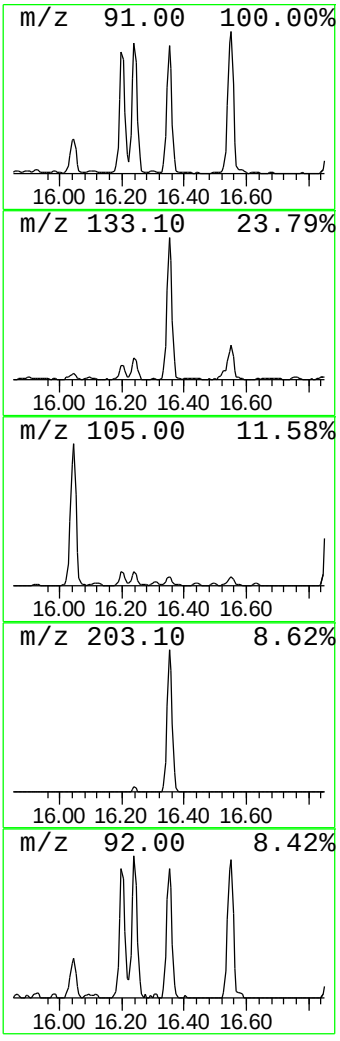
Peak Number 16 Benzene, (1-propylnonyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	7.31 ng/ul	556904	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	97
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	97
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	90
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	59
5	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	45





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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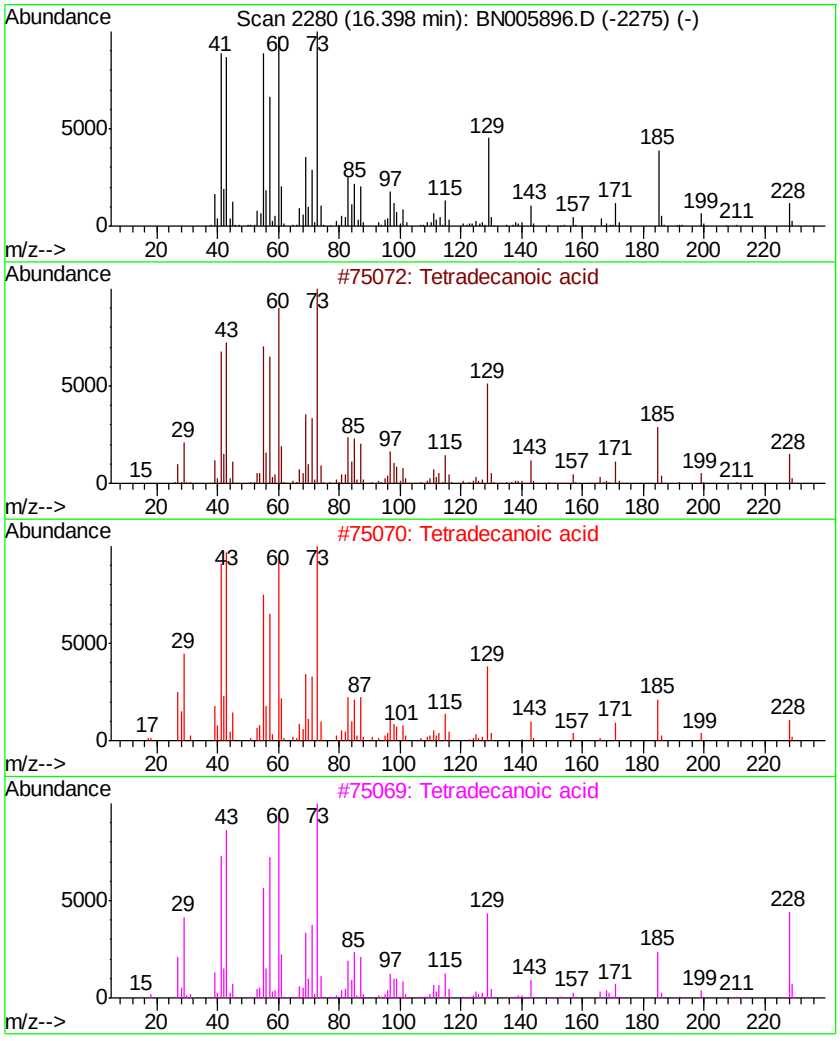
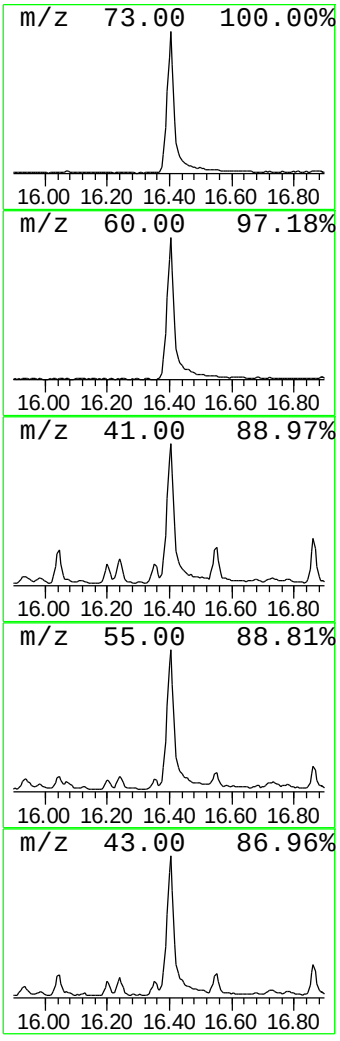
Peak Number 17 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	26.12 ng/ul	1989930	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





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Quant Title : SVOA CALIBRATION

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

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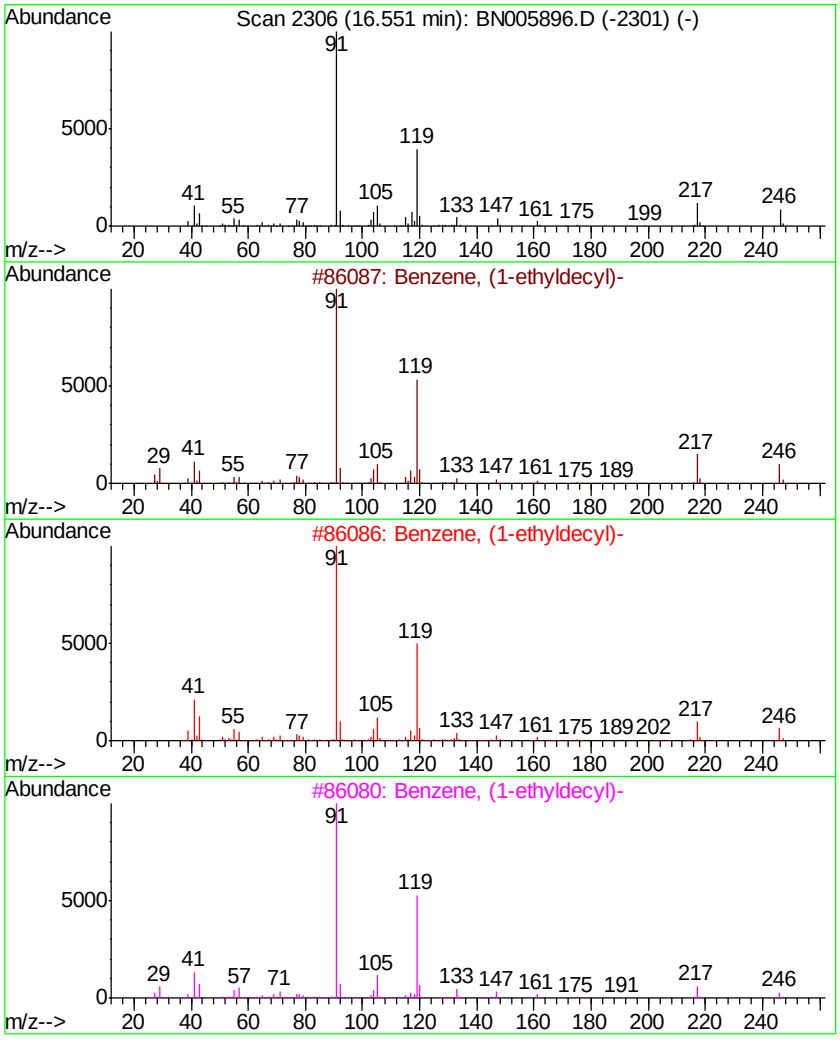
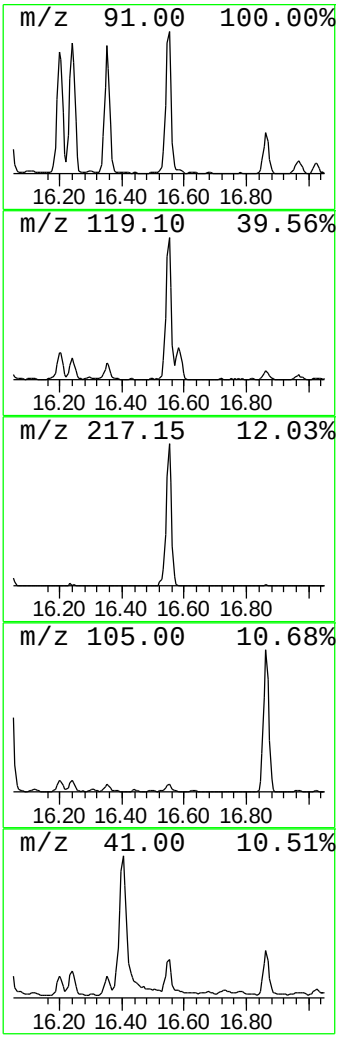
Peak Number 18 Benzene, (1-ethyldecyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	8.86 ng/ul	675229	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	96
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	95
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	91
4	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	64
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64





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ClientSampleId : A4247

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Quant Title : SVOA CALIBRATION

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

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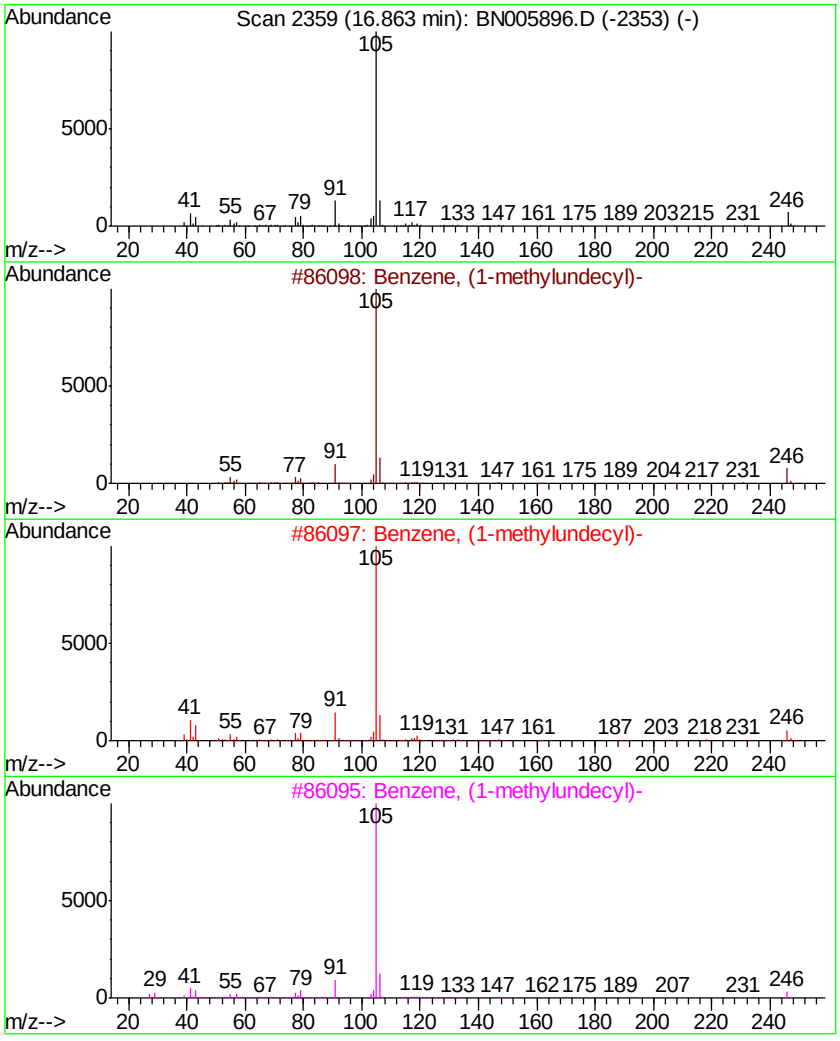
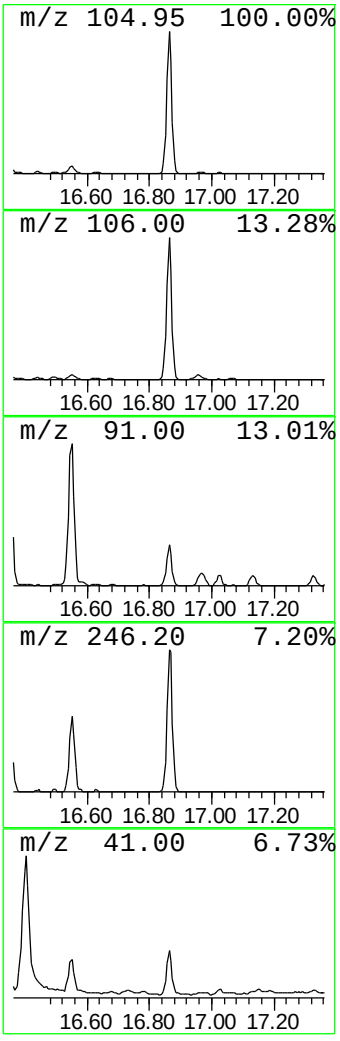
Peak Number 19 Benzene, (1-methylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	14.06 ng/ul	1071340	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	93
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	87
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	87
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	83
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72





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Quant Title : SVOA CALIBRATION

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

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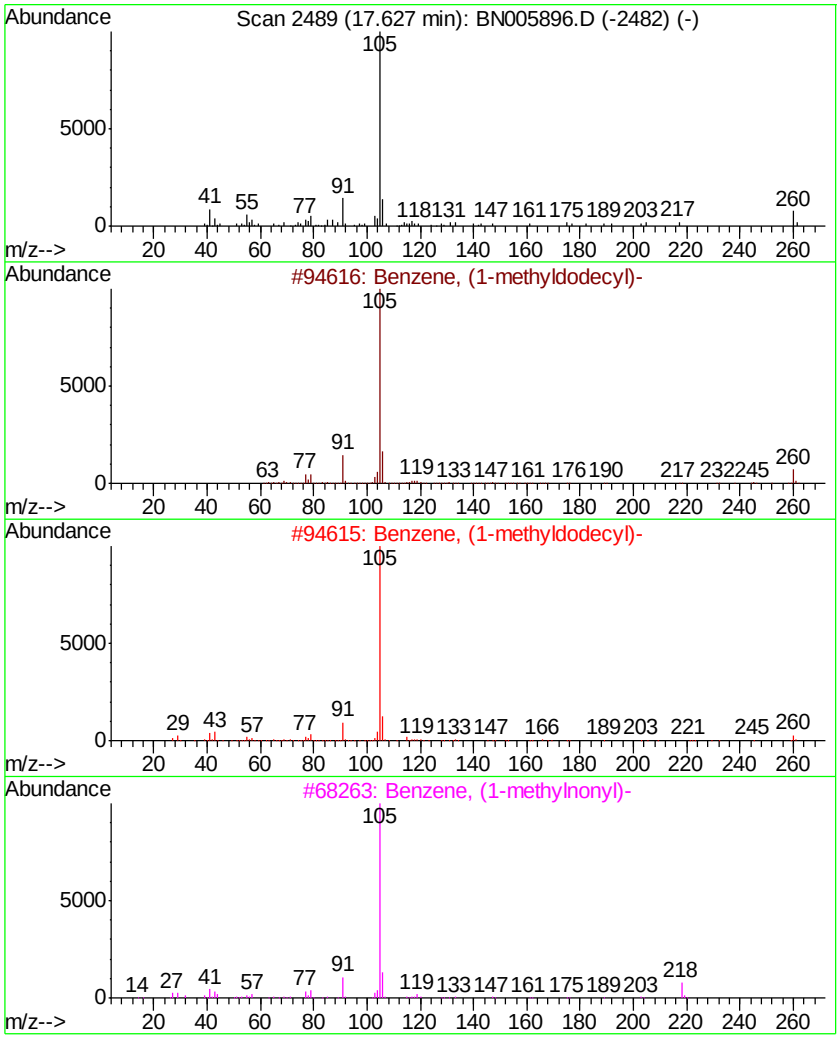
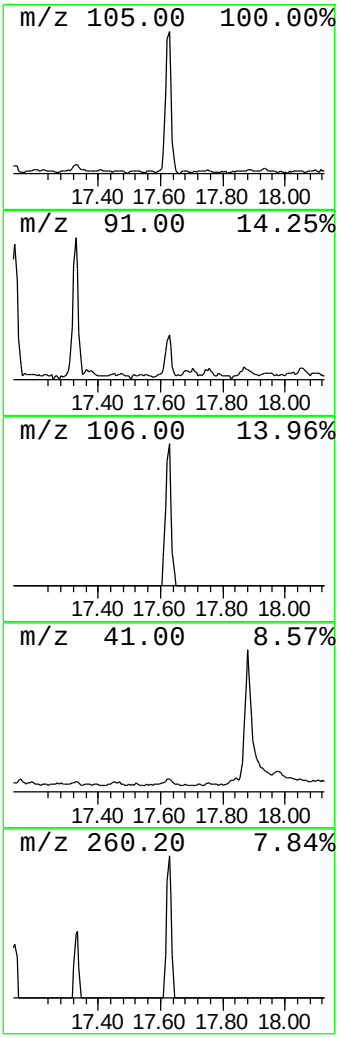
Peak Number 20 Benzene, (1-methyldodecyl)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.00 ng/ul	152491	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	81
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53





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Quant Title : SVOA CALIBRATION

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

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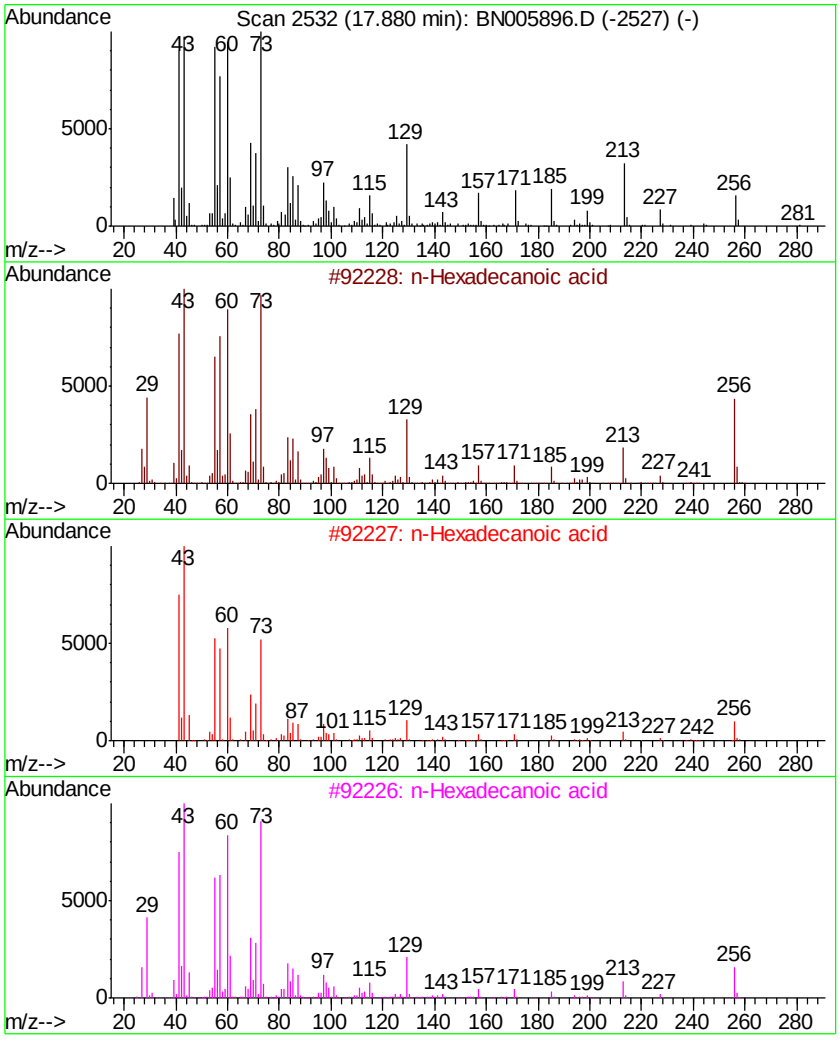
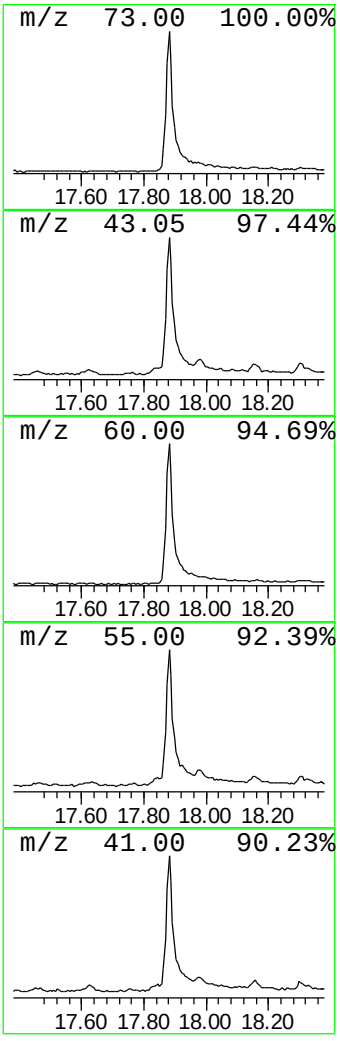
Peak Number 21 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	22.74 ng/ul	1732960	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Misc :
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Quant Title : SVOA CALIBRATION

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

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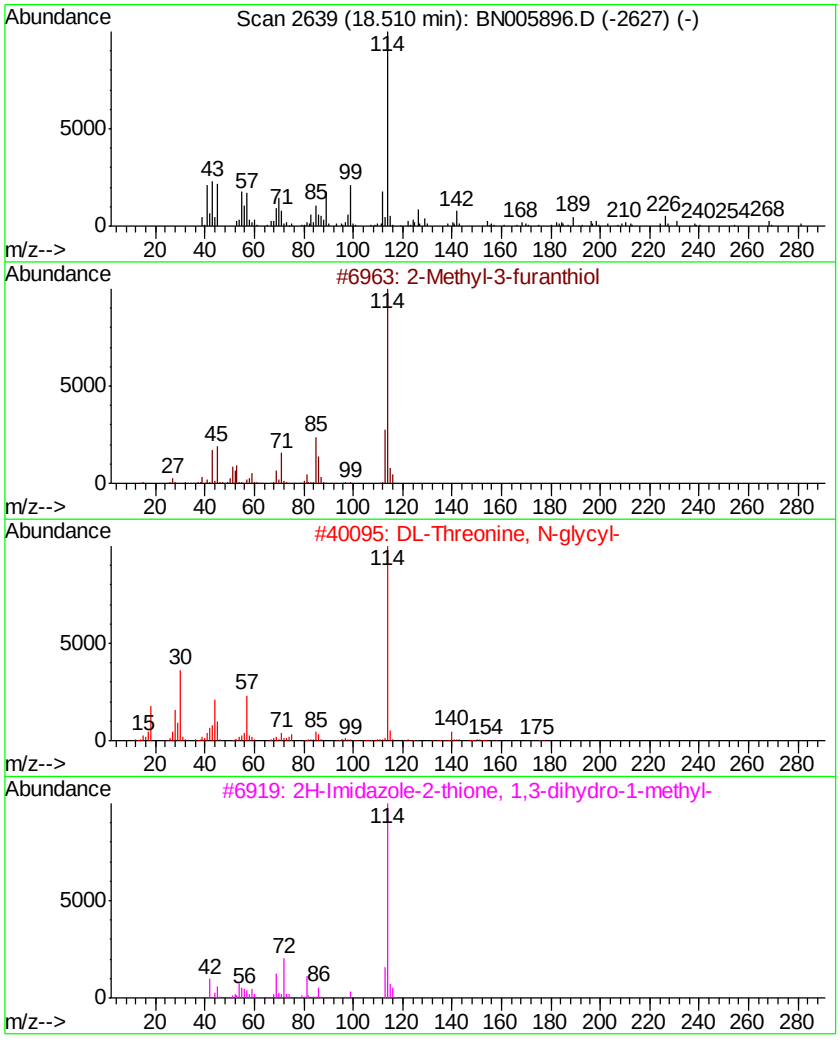
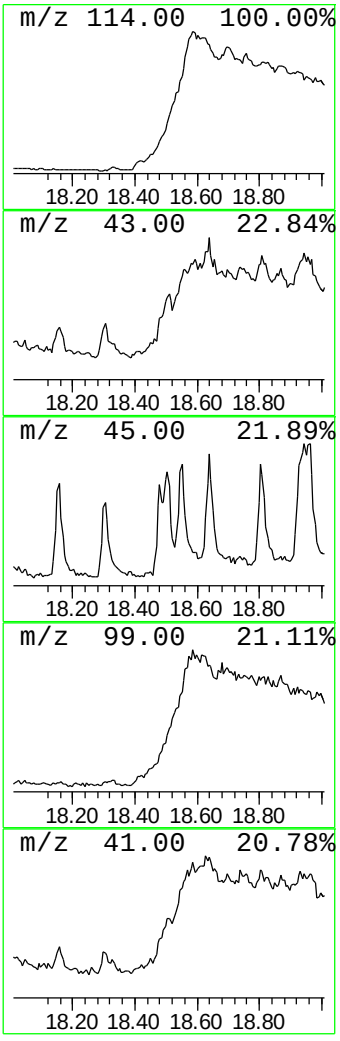
Peak Number 22 2-Methyl-3-furanthiol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	5.86 ng/ul	446750	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	50
2	DL-Threonine, N-glycyl-	176	C6H12N2O4	027174-15-8	43
3	2H-Imidazole-2-thione, 1,3-dihyd...	114	C4H6N2S	000060-56-0	38
4	(E,S)-2-Hexenoic acid, 4-amino-5...	157	C8H15NO2	1000163-78-4	38
5	1H-1,2,4-Triazole, 3-nitro-	114	C2H2N4O2	024807-55-4	38





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Quant Title : SVOA CALIBRATION

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

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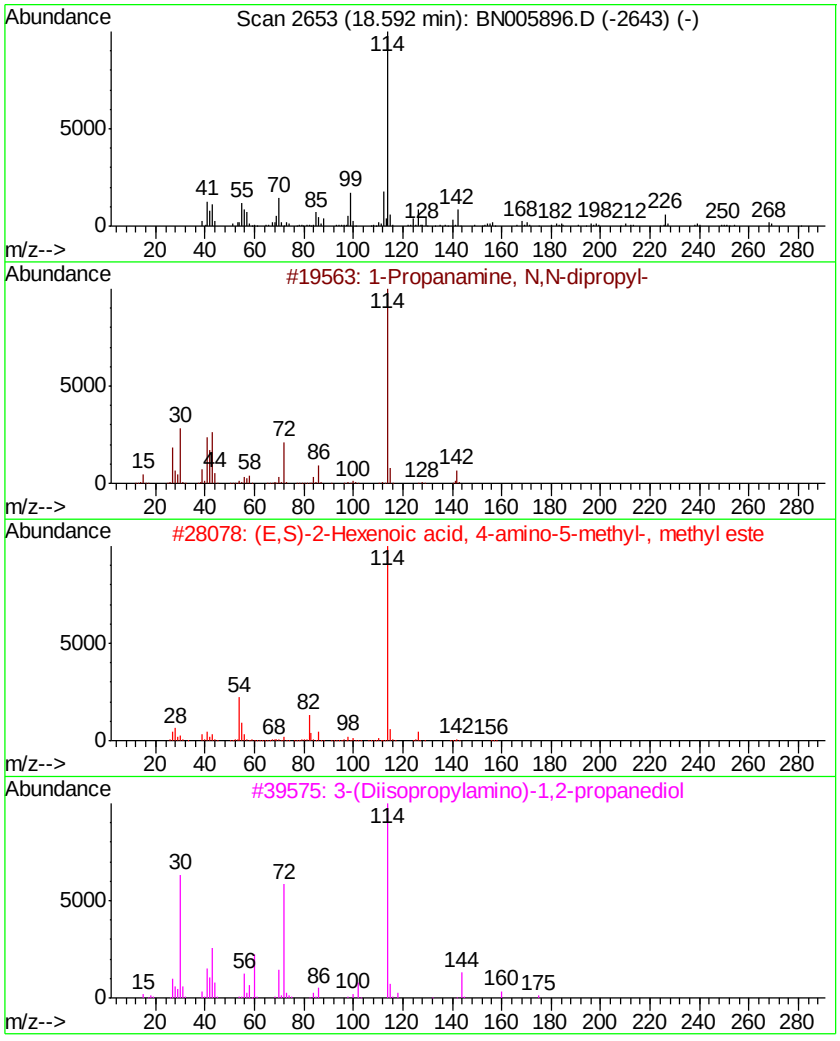
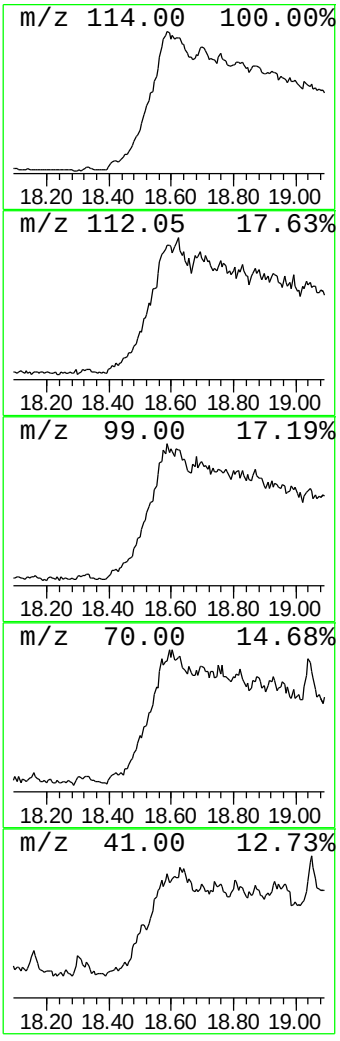
Peak Number 23 1-Propanamine, N,N-dipropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	9.23 ng/ul	703643	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, N,N-dipropyl-	143	C9H21N	000102-69-2	50
2	(E,S)-2-Hexenoic acid, 4-amino-5...	157	C8H15NO2	1000163-78-4	49
3	3-(Diisopropylamino)-1,2-propane...	175	C9H21NO2	085721-30-8	47
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	47
5	3,6-Dimethoxy-1a,2,2a,3,6,6a,7,7...	210	C12H18O3	1000191-51-4	45





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Quant Title : SVOA CALIBRATION

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

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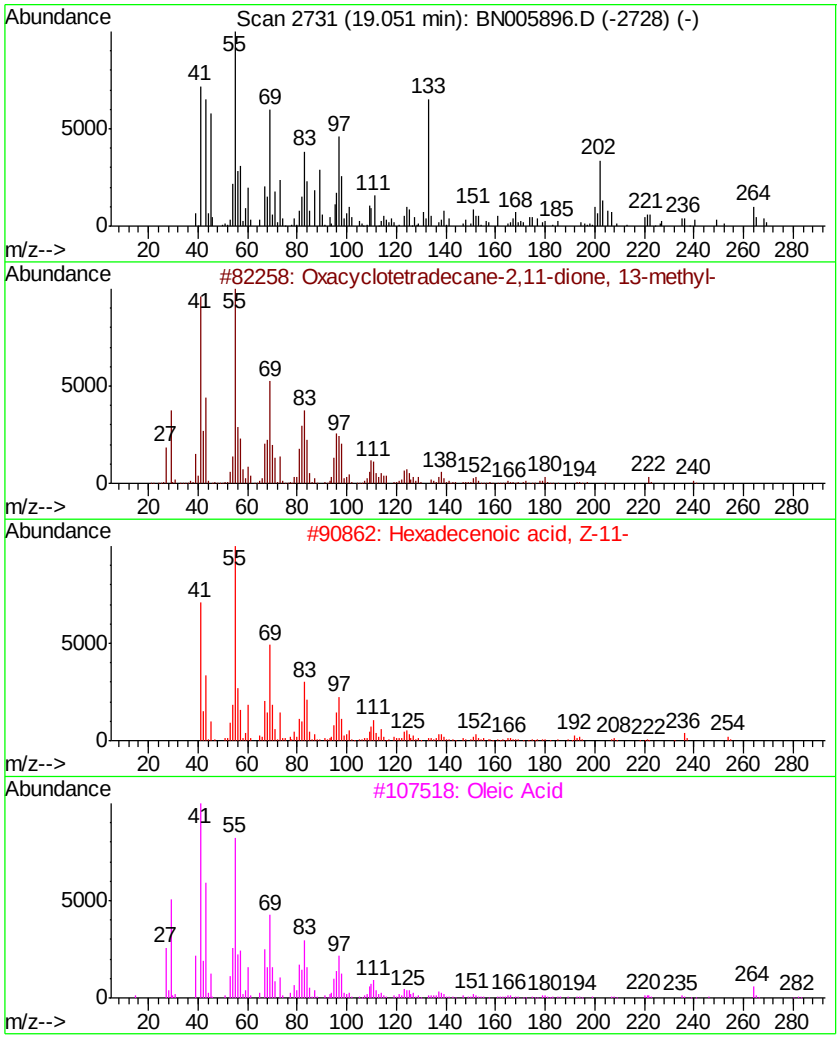
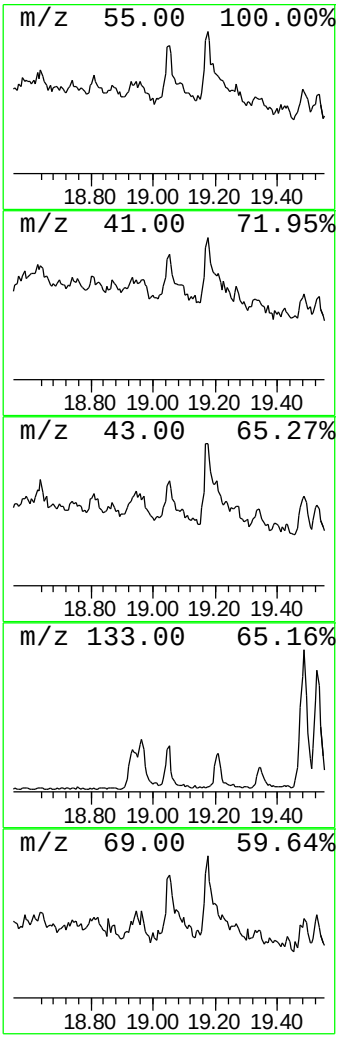
Peak Number 24 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	5.97 ng/ul	455111	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	38
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	35
3	Oleic Acid	282	C18H34O2	000112-80-1	22
4	1-Tetradecanol	214	C14H30O	000112-72-1	22
5	1-Dodecene	168	C12H24	000112-41-4	22





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Quant Title : SVOA CALIBRATION

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

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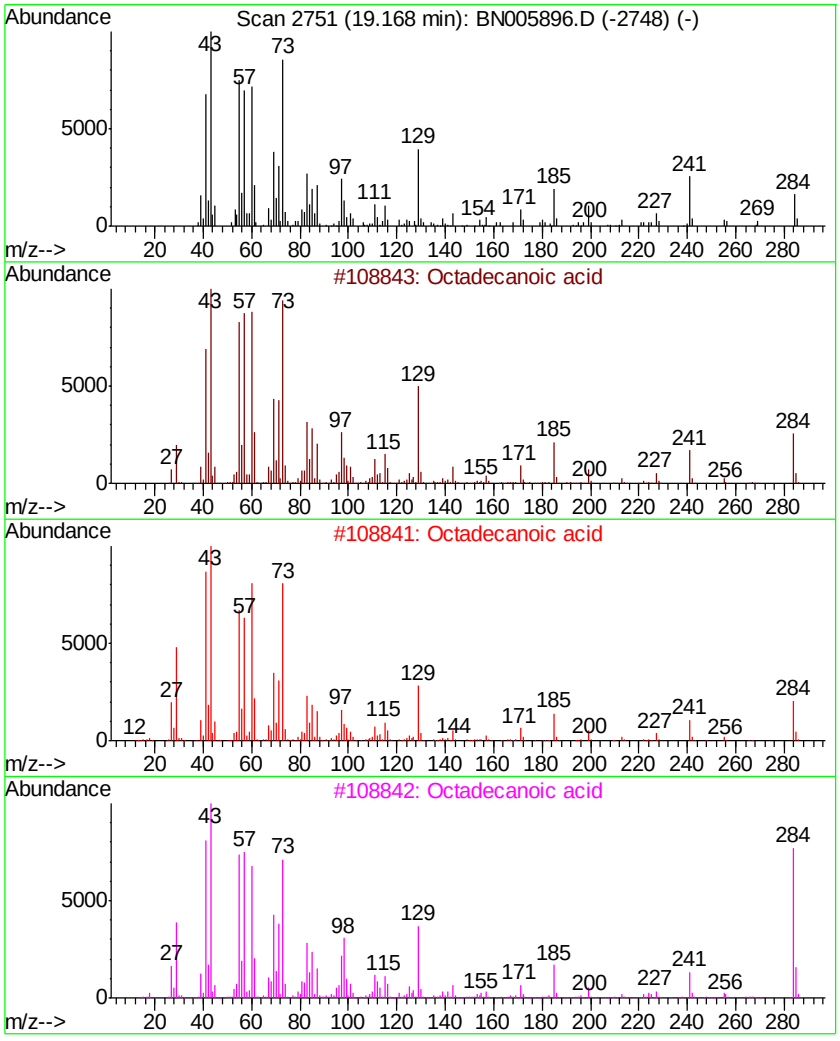
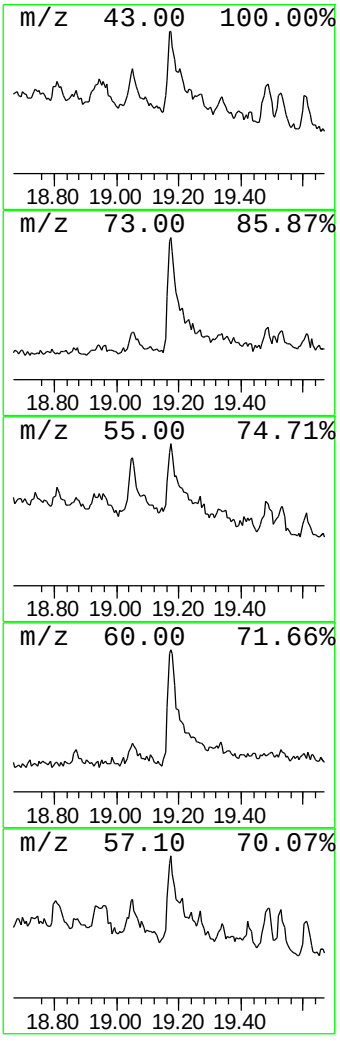
Peak Number 25 Octadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.49 ng/ul	317775	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





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Quant Title : SVOA CALIBRATION

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

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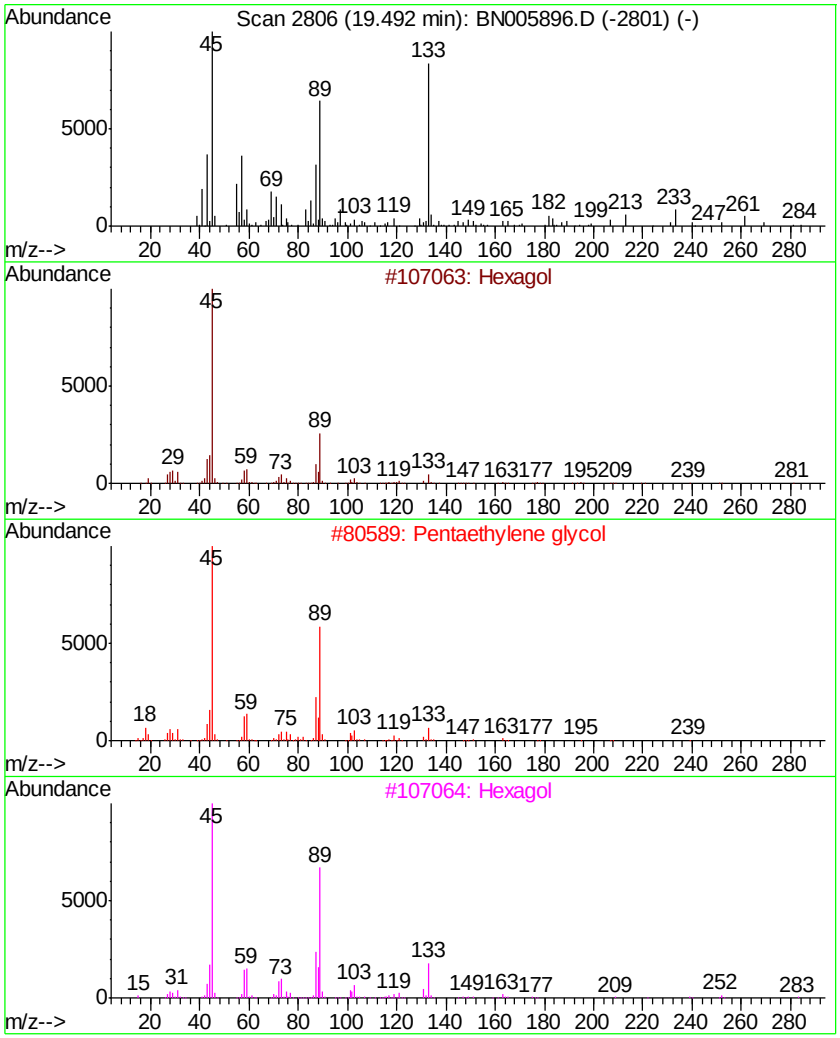
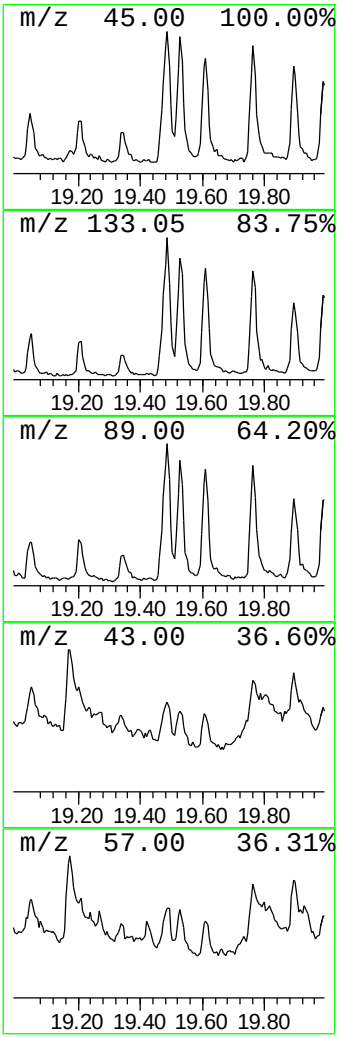
Peak Number 26 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	2.22 ng/ul	202548	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	42
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	38
3	Hexagol	282	C12H26O7	002615-15-8	38
4	Diisopropyl ether	102	C6H14O	000108-20-3	27
5	4,5-Octanediol, 3,6-dimethyl-	174	C10H22O2	1000153-21-1	16





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TIC Integration Parameters: LSCINT.P

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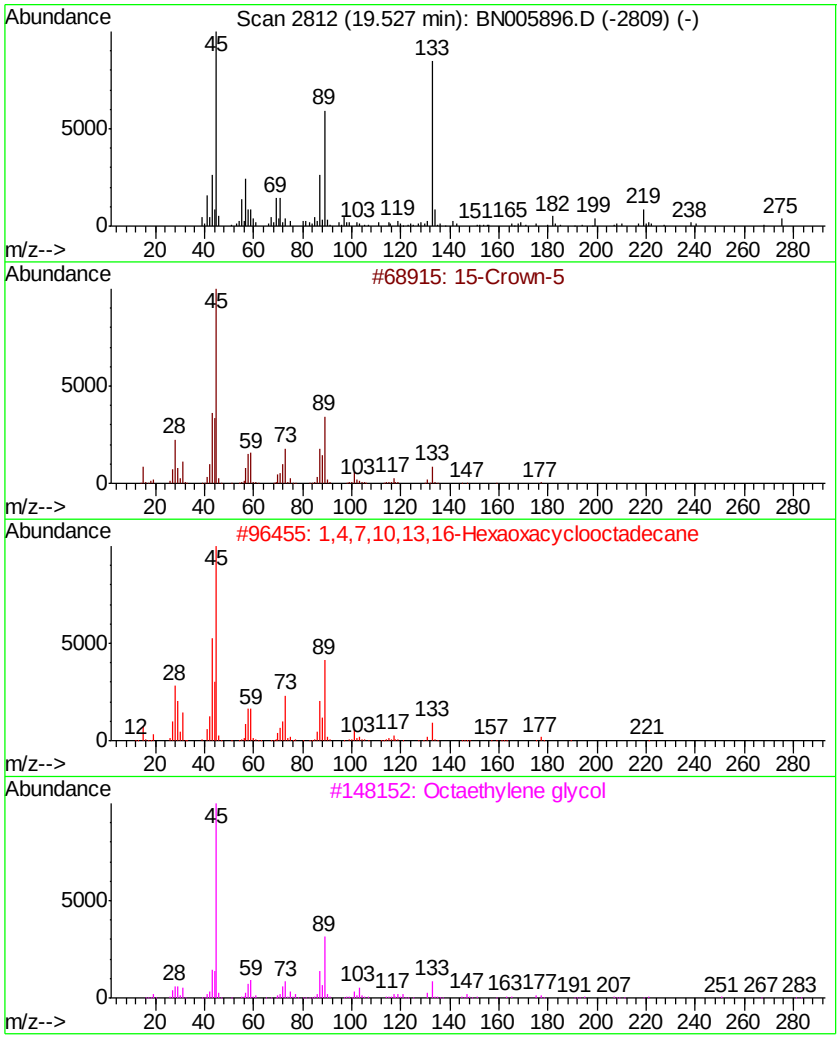
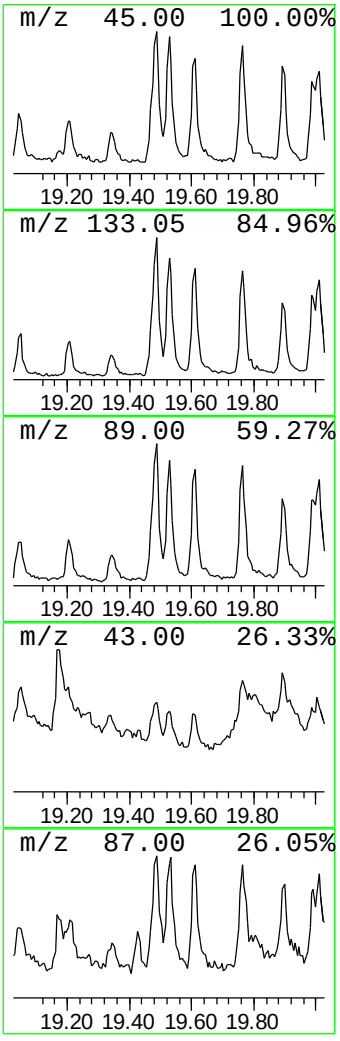
Peak Number 27 15-Crown-5 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.75 ng/ul	250032	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Crown-5	220	C10H20O5	033100-27-5	64
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	59
3	Octaethylene glycol	370	C16H34O9	1000289-34-2	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	32
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	22





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Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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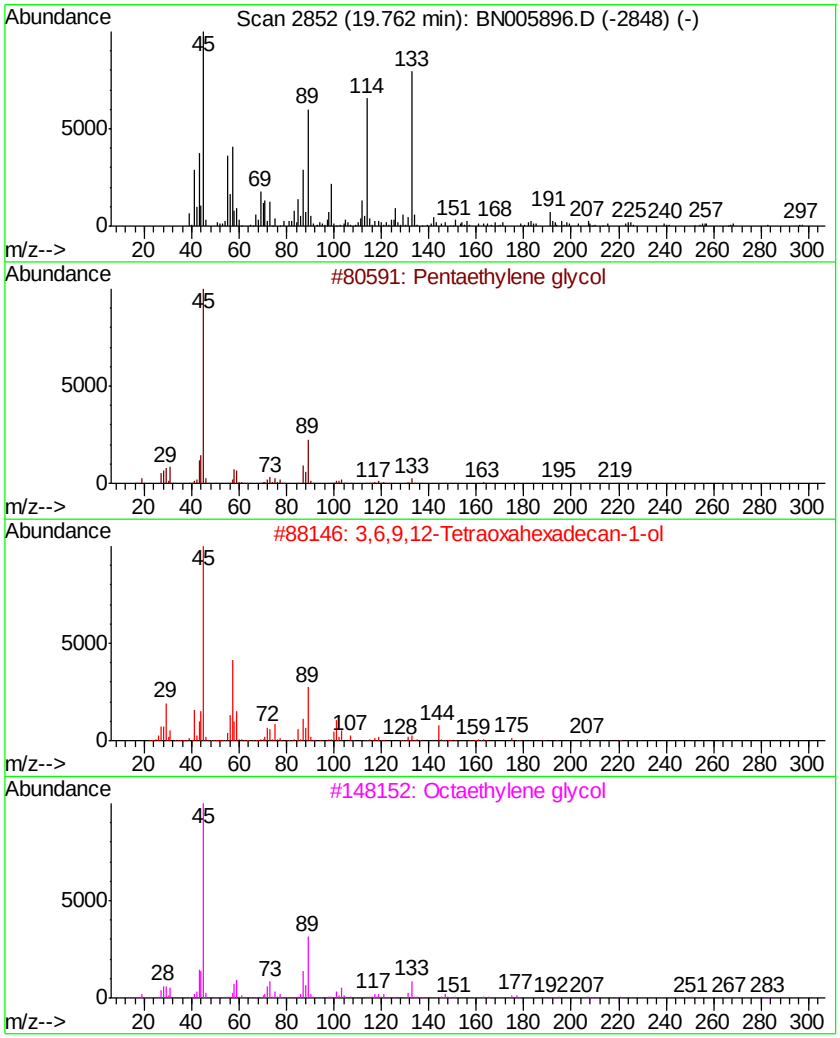
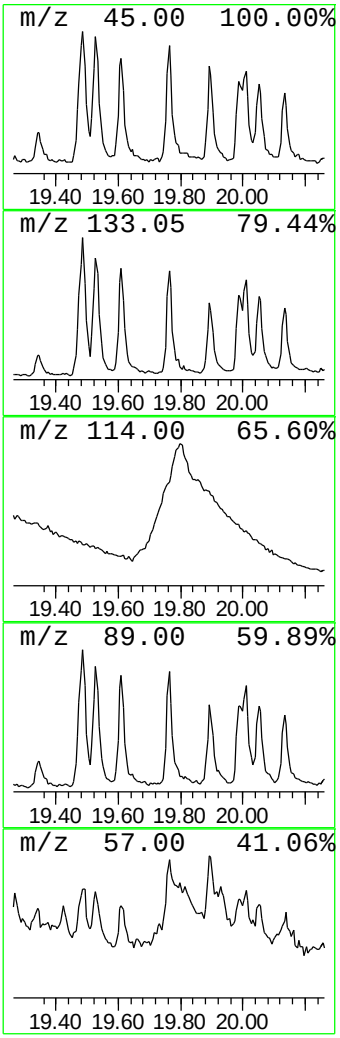
Peak Number 28 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.61 ng/ul	328394	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	43
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	32
3	Octaethylene glycol	370	C16H34O9	1000289-34-2	27
4	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	27
5	1-(.beta.-d-Ribofuranosyl)-5-flu...	312	C10H11F3N2O6	102302-60-3	22





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Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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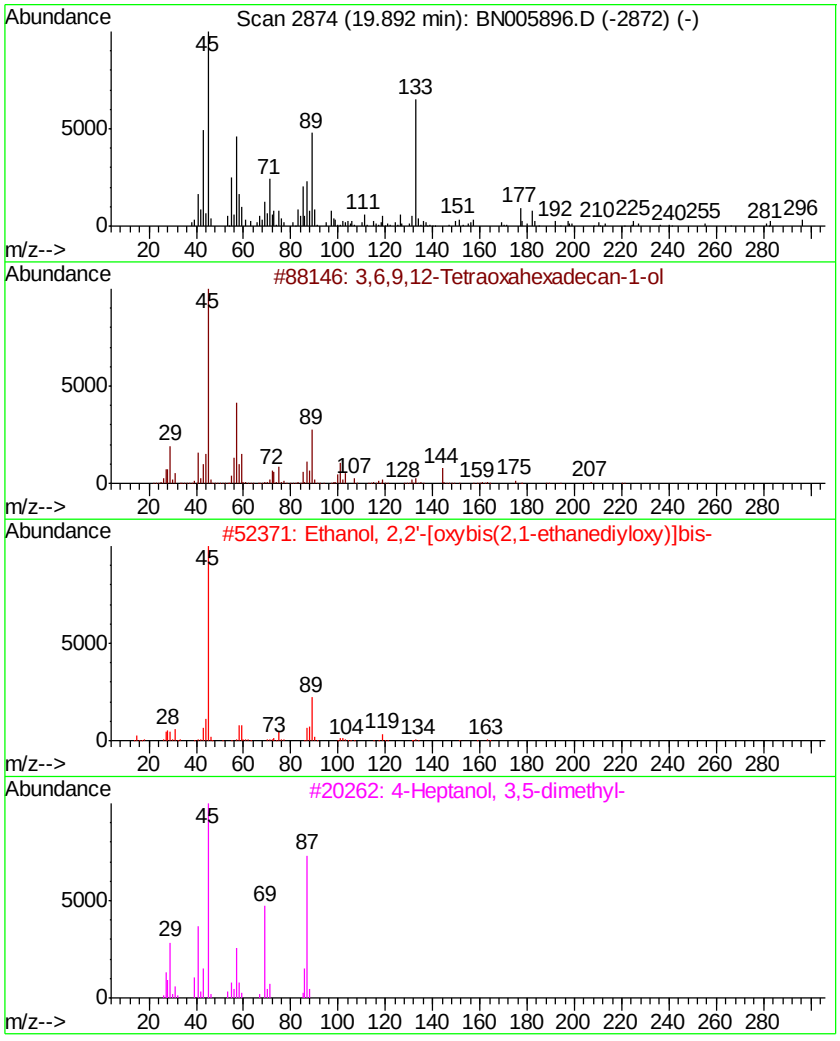
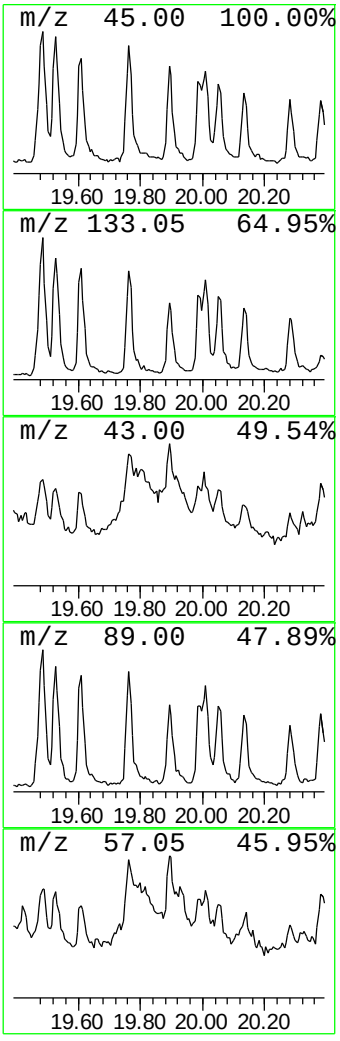
Peak Number 29 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	4.74 ng/ul	431391	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	38
2	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	37
3	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	35
4	Diisopropyl ether	102	C6H14O	000108-20-3	35
5	Diisopropyl ether	102	C6H14O	000108-20-3	35





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Data File : BN005896.D
Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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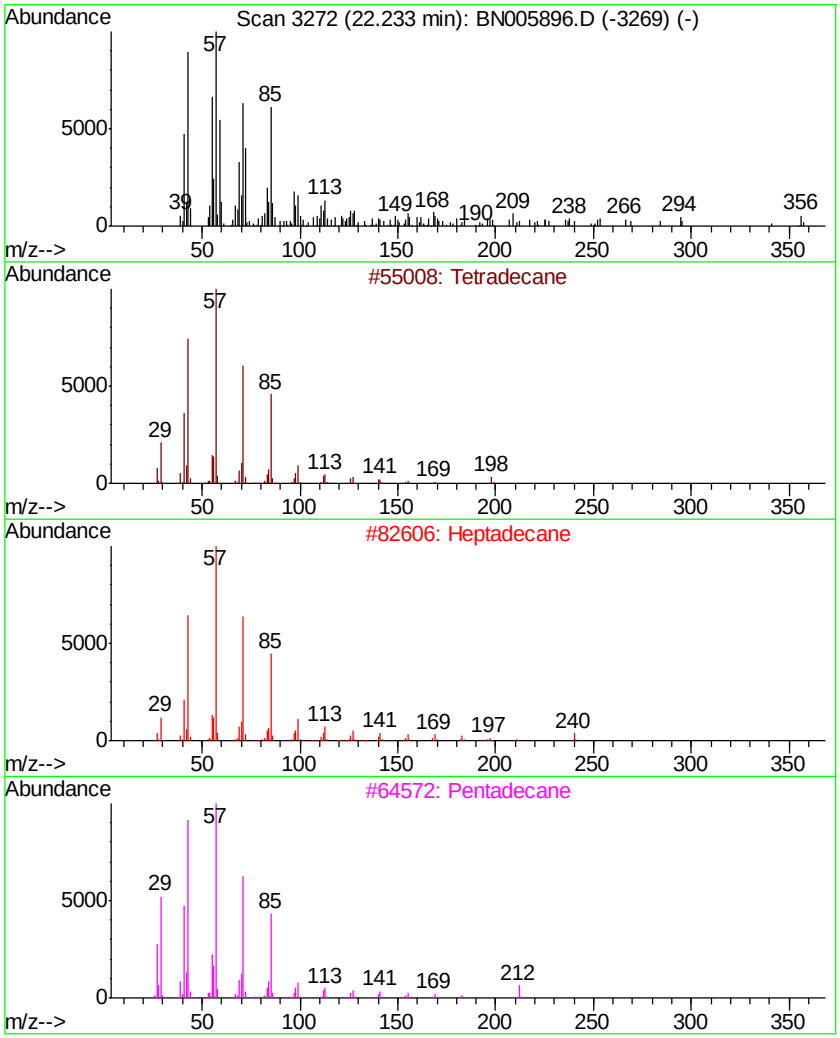
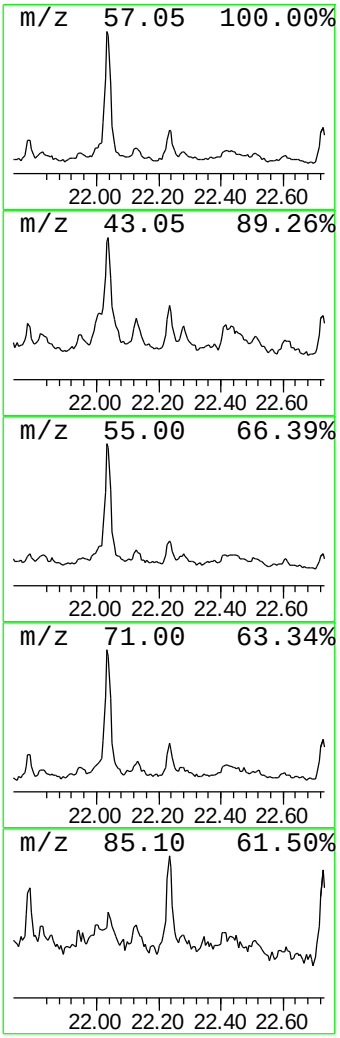
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	2.18 ng/ul	198281	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Heptadecane	240	C17H36	000629-78-7	55
3	Pentadecane	212	C15H32	000629-62-9	55
4	Heptadecane	240	C17H36	000629-78-7	42
5	Tricosane	324	C23H48	000638-67-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
Data File : BN005896.D
Acq On : 24 May 2019 18:52
Operator : JU/SJ
Sample : K2814-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4247

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanol, 4-met...	3.69	7.7	ng/ul	198565	1	7.56	514069	20.0
Octanoic Acid	9.82	49.9	ng/ul	1821450	2	10.32	730510	20.0
n-Decanoic acid	12.55	24.9	ng/ul	1385510	3	14.20	1111100	20.0
Benzene, (1-butyl...	14.50	2.7	ng/ul	150524	3	14.20	1111100	20.0
Benzene, (1-propy...	14.60	2.6	ng/ul	143425	3	14.20	1111100	20.0
Dodecanoic acid	14.74	195.3	ng/ul	10849700	3	14.20	1111100	20.0
Benzene, (1-ethyl...	14.80	6.0	ng/ul	332136	3	14.20	1111100	20.0
unknown-01	15.00	5.8	ng/ul	323982	3	14.20	1111100	20.0
Benzene, (1-penty...	15.37	4.6	ng/ul	253120	3	14.20	1111100	20.0
Benzene, (1-butyl...	15.40	9.4	ng/ul	520552	3	14.20	1111100	20.0
Benzene, (1-propy...	15.51	8.8	ng/ul	487812	3	14.20	1111100	20.0
Benzene, (1-ethyl...	15.72	7.9	ng/ul	600446	4	16.96	1523970	20.0
Benzene, (1-methy...	16.05	12.4	ng/ul	946312	4	16.96	1523970	20.0
Benzene, (1-penty...	16.20	7.6	ng/ul	581840	4	16.96	1523970	20.0
Benzene, (1-butyl...	16.24	8.3	ng/ul	629017	4	16.96	1523970	20.0
Benzene, (1-propy...	16.35	7.3	ng/ul	556904	4	16.96	1523970	20.0
Tetradecanoic acid	16.40	26.1	ng/ul	1989930	4	16.96	1523970	20.0
Benzene, (1-ethyl...	16.55	8.9	ng/ul	675229	4	16.96	1523970	20.0
Benzene, (1-methy...	16.86	14.1	ng/ul	1071340	4	16.96	1523970	20.0
Benzene, (1-methy...	17.63	2.0	ng/ul	152491	4	16.96	1523970	20.0
n-Hexadecanoic acid	17.88	22.7	ng/ul	1732960	4	16.96	1523970	20.0
2-Methyl-3-furant...	18.51	5.9	ng/ul	446750	4	16.96	1523970	20.0
1-Propanamine, N,...	18.59	9.2	ng/ul	703643	4	16.96	1523970	20.0
unknown-02	19.05	6.0	ng/ul	455111	4	16.96	1523970	20.0
Octadecanoic acid	19.17	3.5	ng/ul	317775	5	21.20	1821440	20.0
unknown-03	19.49	2.2	ng/ul	202548	5	21.20	1821440	20.0
15-Crown-5	19.53	2.8	ng/ul	250032	5	21.20	1821440	20.0
unknown-04	19.76	3.6	ng/ul	328394	5	21.20	1821440	20.0
unknown-05	19.89	4.7	ng/ul	431391	5	21.20	1821440	20.0
(DEL) Alkane: Str...	22.23	2.2	ng/ul	198281	5	21.20	1821440	20.0