LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000834.D
Acq On : 17 Oct 2019 11:36
Operator : JU
Sample : K5346-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETON4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	47	49	66	rVB	43059	63246	2.05%	0.190%
2	3.734	276	280	282	rBV	4292	6454	0.21%	0.019%
3	3.769	282	286	292	rVB	7067	10783	0.35%	0.032%
4	4.617	428	430	440	rVB7	2335	4169	0.14%	0.013%
5	6.393	728	732	735	rBV	199975	206661	6.69%	0.620%
6	6.428	735	738	750	rVV	899887	816291	26.44%	2.449%
7	6.522	750	754	765	rVV	981218	872405	28.26%	2.617%
8	6.746	789	792	802	rBV	1300386	1145669	37.11%	3.437%
9	6.816	802	804	810	rVB2	3322	4488	0.15%	0.013%
10	7.134	855	858	871	rBV	753525	634077	20.54%	1.902%
11	7.305	884	887	900	rBV	1083052	913003	29.58%	2.739%
12	7.434	905	909	919	rVV4	4665	10962	0.36%	0.033%
13	7.522	921	924	929	rVB	9922	8491	0.28%	0.025%
14	7.634	939	943	955	rBV	924597	753151	24.40%	2.260%
15	7.793	966	970	979	rBV7	7067	18196	0.59%	0.055%
16	7.881	982	985	1007	rVV	1110546	1199946	38.87%	3.600%
17	8.034	1007	1011	1014	rVV	1804358	1508132	48.85%	4.525%
18	8.093	1018	1021	1031	rVB	111072	120861	3.92%	0.363%
19	8.399	1069	1073	1079	rBV3	4152	7064	0.23%	0.021%
20	8.716	1124	1127	1135	rVB	20902	21753	0.70%	0.065%
21	9.104	1190	1193	1196	rBV3	3694	3984	0.13%	0.012%
22	9.240	1211	1216	1218	rBV2	11084	13199	0.43%	0.040%
23	9.269	1218	1221	1227	rVB2	23380	20970	0.68%	0.063%
24	9.487	1255	1258	1261	rBV	1884565	1651590	53.50%	4.955%
25	9.510	1261	1262	1268	rVB	252959	156097	5.06%	0.468%
26	9.640	1281	1284	1288	rBV	2517934	2108744	68.31%	6.327%
27	9.769	1303	1306	1307	rBV	10082	8690	0.28%	0.026%
28	9.799	1307	1311	1314	rVV	2145725	1789092	57.95%	5.368%
29	9.928	1329	1333	1344	rBV	73300	114543	3.71%	0.344%
30	10.010	1344	1347	1353	rVB5	8784	13788	0.45%	0.041%
31	10.216	1378	1382	1384	rBV2	5972	7232	0.23%	0.022%
32	10.322	1396	1400	1403	rBV	2921345	2532219	82.03%	7.597%
33	10.393	1409	1412	1419	rBV	584721	541414	17.54%	1.624%
34	10.446	1419	1421	1430	rVB	41827	49835	1.61%	0.150%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : ETON4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	10.746	1470	1472	1476	rVB2	14090	11381	0.37%	0.034%
36	11.175	1542	1545	1547	rBV3	8845	9206	0.30%	0.028%
37	11.299	1562	1566	1569	rBV	2100511	1844697	59.76%	5.535%
38	11.351	1571	1575	1579	rBV	3003768	2784641	90.20%	8.355%
39	11.434	1587	1589	1592	rBV	15994	15483	0.50%	0.046%
40	11.840	1655	1658	1662	rBV2	65601	75050	2.43%	0.225%
41	12.504	1768	1771	1775	rVB	40329	36147	1.17%	0.108%
42	12.663	1795	1798	1807	rVB	34222	24262	0.79%	0.073%
43	12.740	1807	1811	1814	rBV	3484471	3087074	100.00%	9.262%
44	13.493	1937	1939	1942	rVB3	9513	8374	0.27%	0.025%
45	13.822	1991	1995	2006	rBV2	199784	284364	9.21%	0.853%
46	13.975	2017	2021	2029	rVB	1896779	1809790	58.62%	5.430%
47	14.151	2047	2051	2059	rBV	41228	51642	1.67%	0.155%
48	14.457	2100	2103	2109	rBV	92273	96070	3.11%	0.288%
49	14.769	2152	2156	2162	rBV	141908	138291	4.48%	0.415%
50	14.975	2188	2191	2195	rVB	37376	38344	1.24%	0.115%
51	15.110	2210	2214	2221	rVB	175672	199302	6.46%	0.598%
52	15.363	2251	2257	2267	rBV	2468435	2896919	93.84%	8.692%
53	15.451	2267	2272	2276	rVV	1421855	1805592	58.49%	5.417%
54	15.492	2276	2279	2290	rVB	187255	250056	8.10%	0.750%
55	15.934	2349	2354	2360	rBV	146844	222130	7.20%	0.666%
56	16.439	2435	2440	2451	rVB	101687	190570	6.17%	0.572%
57	17.039	2537	2542	2552	rVB	55187	113125	3.66%	0.339%

Sum of corrected areas: 33329709

LSC Report - Integrated Chromatogram

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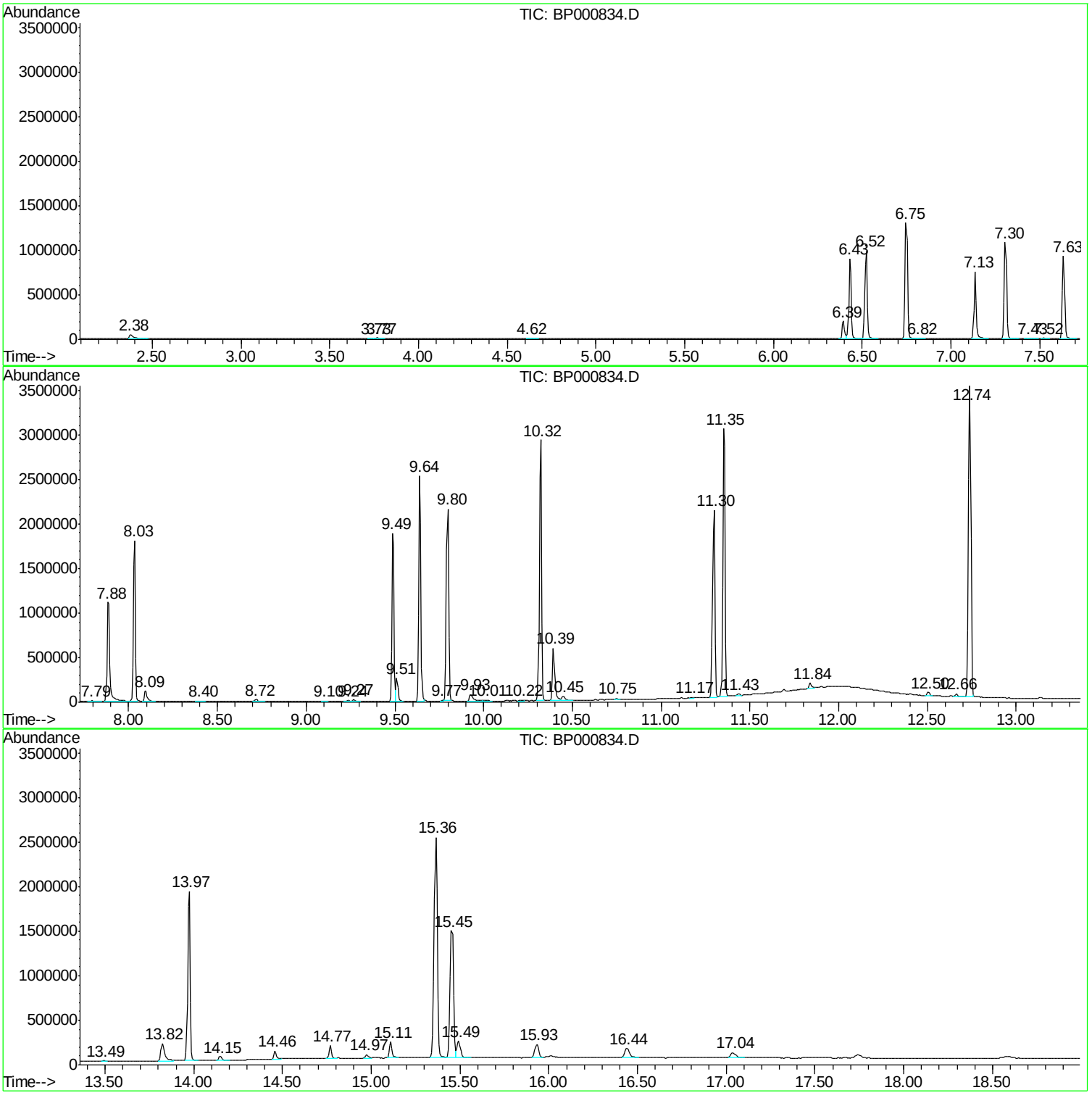
Instrument : BNA_P
ClientSampleId : ETON4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : ETON4

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Quant Title : SVOA CALIBRATION

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

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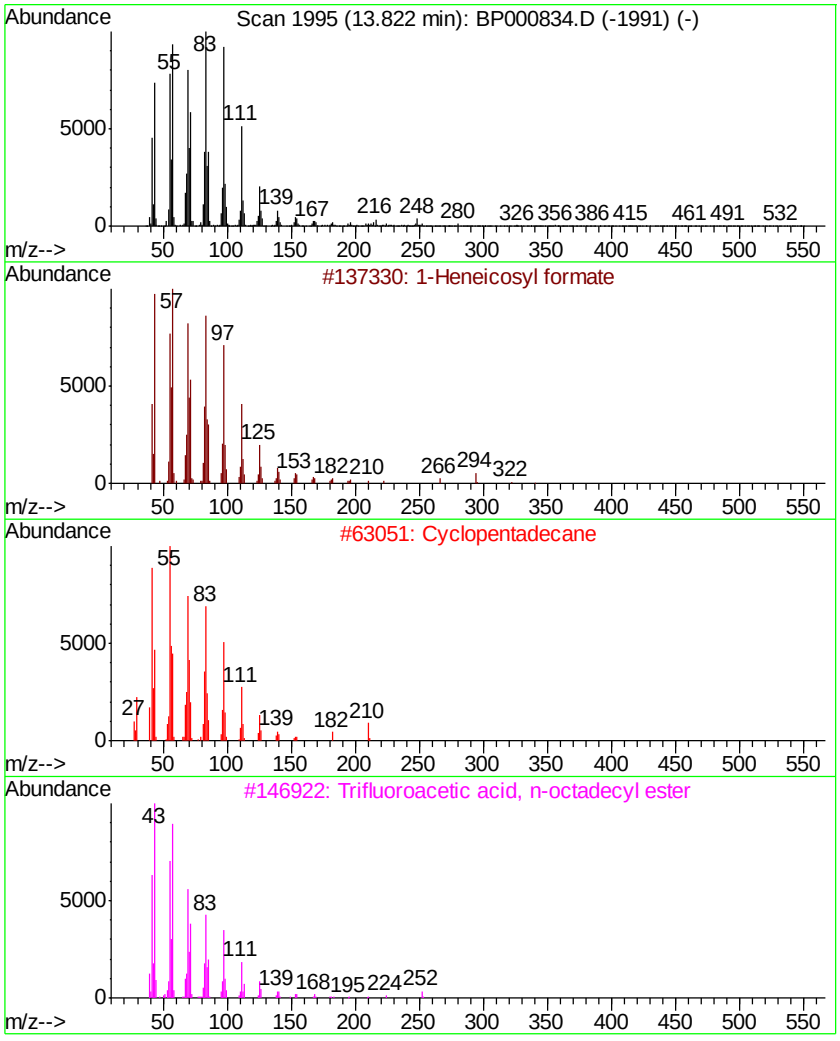
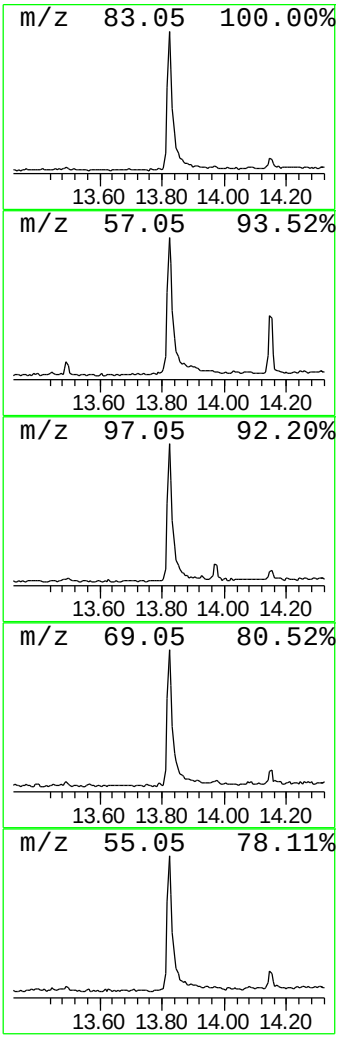
Peak Number 1 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.14 ng/ul	284364	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETON4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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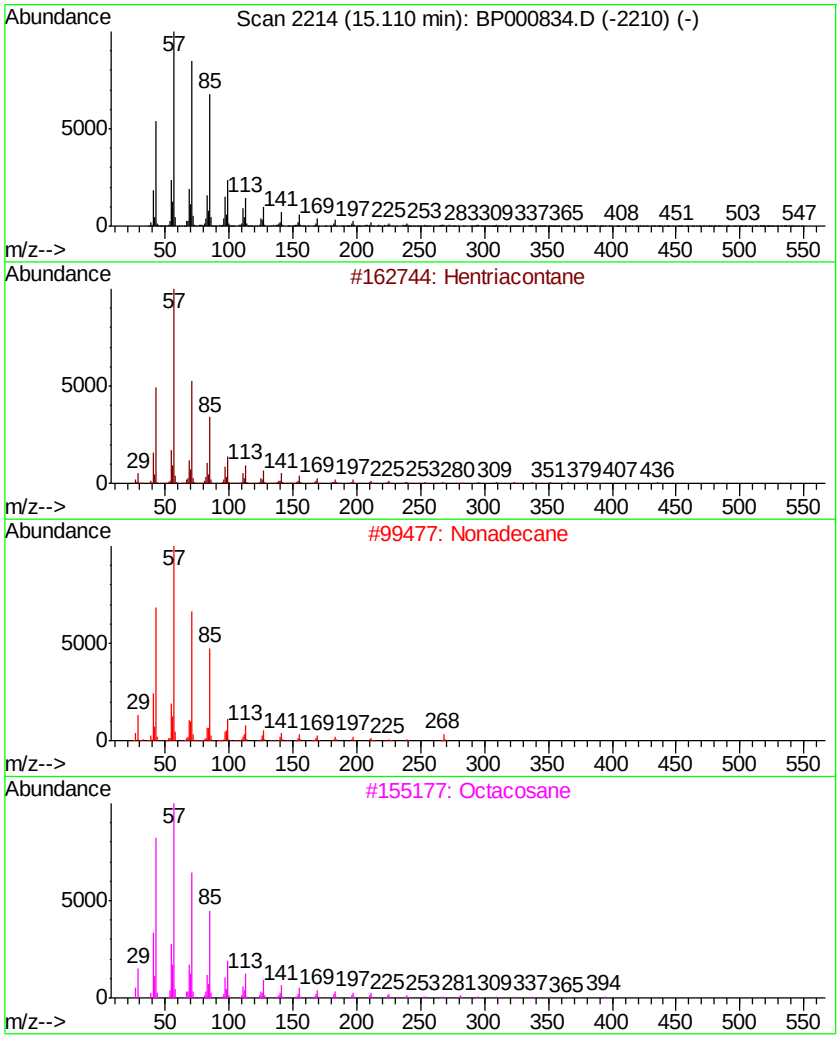
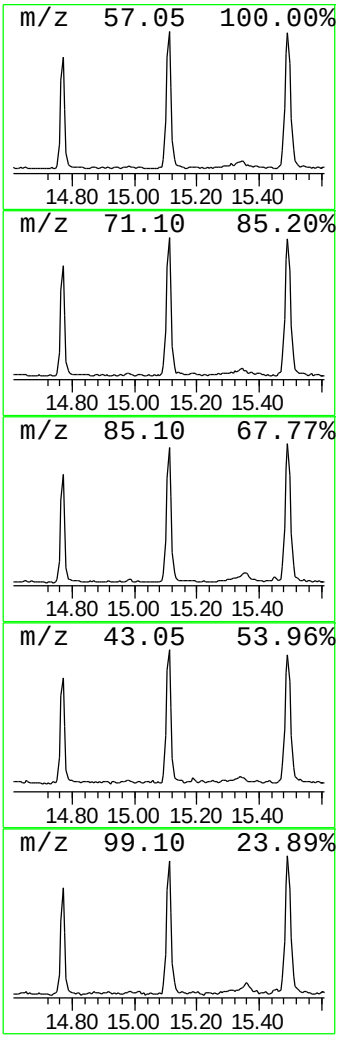
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.21 ng/ul	199302	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETON4

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Quant Title : SVOA CALIBRATION

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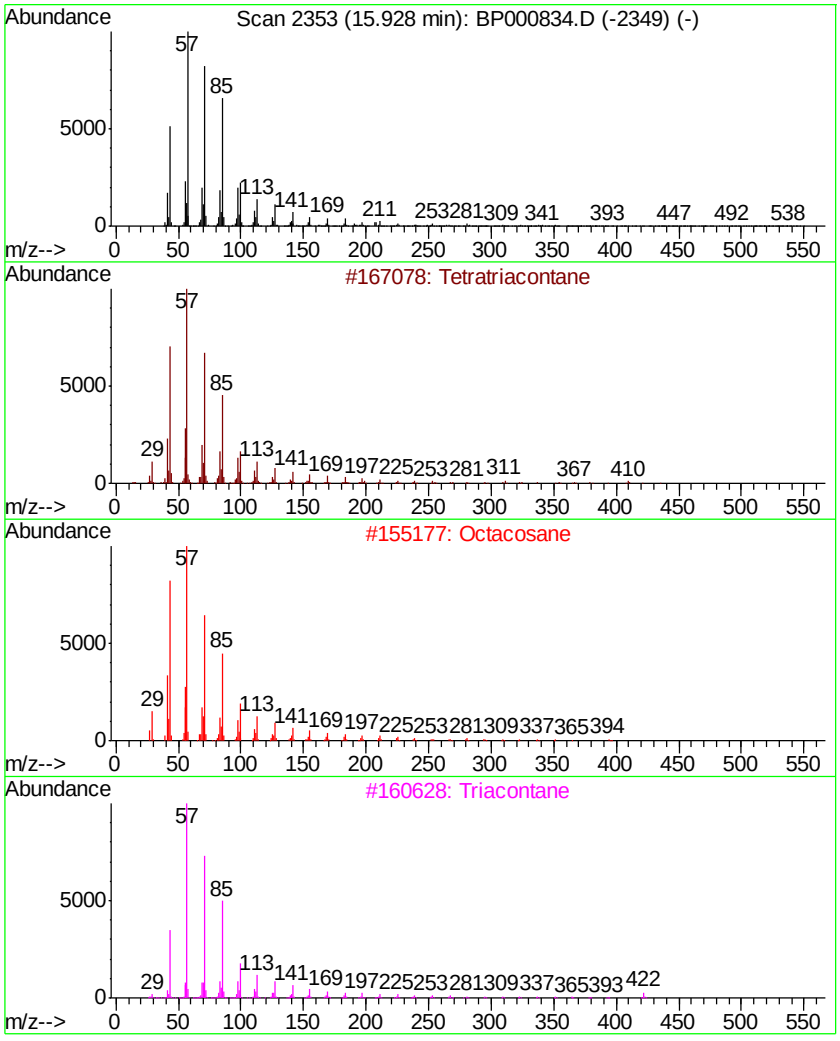
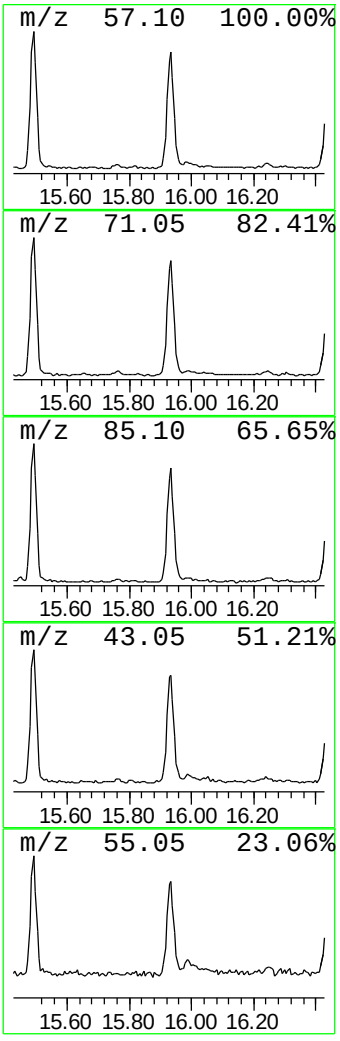
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.46 ng/ul	222130	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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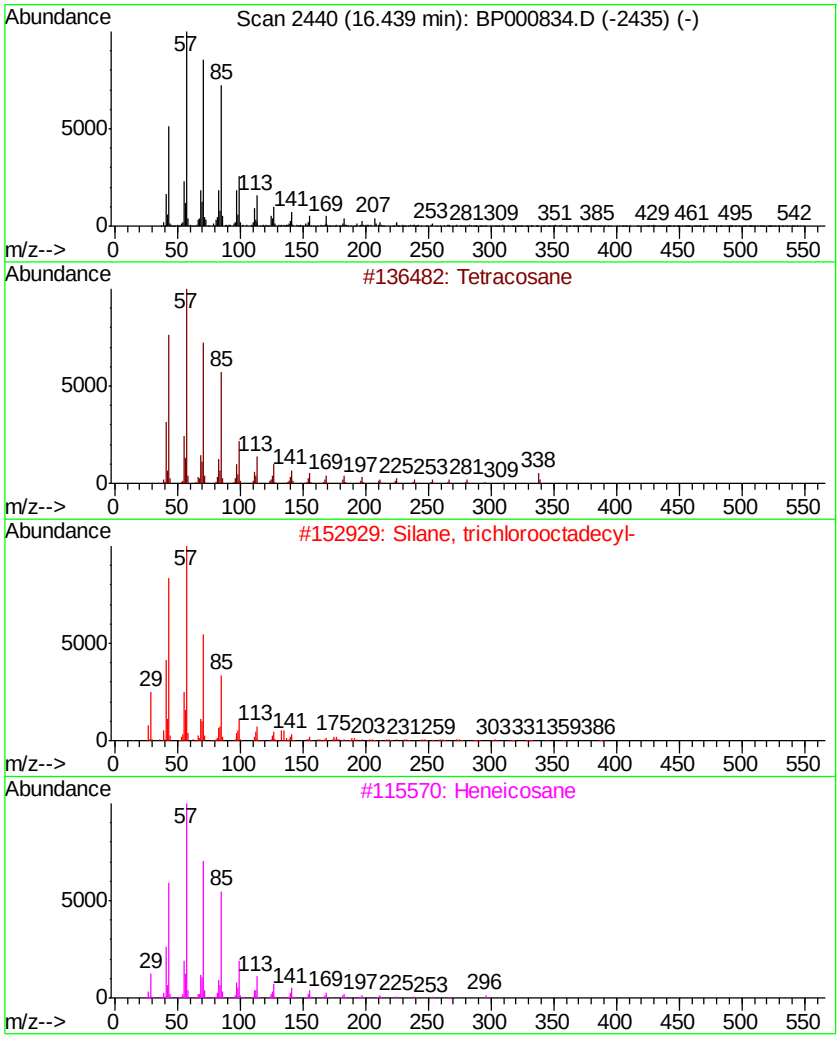
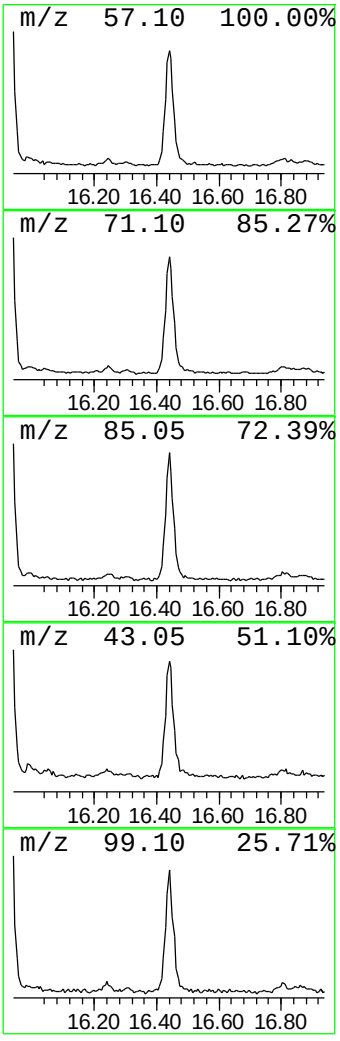
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.11 ng/ul	190570	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Hexadecane	226	C16H34	000544-76-3	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Heneicosyl formate	13.82	3.1	ng/ul	284364	5	13.97	1809790	20.0
(DEL) Alkane: Str...	15.11	2.2	ng/ul	199302	6	15.45	1805590	20.0
(DEL) Alkane: Str...	15.93	2.5	ng/ul	222130	6	15.45	1805590	20.0
(DEL) Alkane: Str...	16.44	2.1	ng/ul	190570	6	15.45	1805590	20.0