LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013129.D
Acq On : 28 Nov 2017 02:06
Operator : SJ/JU
Sample : I6514-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8DL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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	3.840	123	128	133	rBV3	37441	58676	1.05%	0.119%
2	5.198	351	359	365	rBV3	32893	58795	1.05%	0.120%
3	6.892	640	647	648	rBV	243943	356051	6.39%	0.725%
4	6.916	648	651	658	rVB	417104	612090	10.98%	1.246%
5	7.045	668	673	680	rVB	182235	267459	4.80%	0.545%
6	7.245	700	707	715	rBV	241273	373595	6.70%	0.761%
7	7.704	778	785	793	rBV	1062301	1660083	29.78%	3.380%
8	8.416	900	906	911	rBV	304521	500639	8.98%	1.019%
9	8.486	911	918	936	rVB	2581408	4308785	77.29%	8.773%
10	8.857	974	981	990	rVB2	243099	397724	7.13%	0.810%
11	9.575	1096	1103	1111	rBV3	233789	388281	6.96%	0.791%
12	9.945	1160	1166	1174	rVB	54609	88787	1.59%	0.181%
13	10.116	1188	1195	1203	rVB	328294	532897	9.56%	1.085%
14	10.486	1250	1258	1265	rBV	1545495	2497940	44.81%	5.086%
15	10.628	1274	1282	1290	rBV	297705	498441	8.94%	1.015%
16	11.322	1390	1400	1406	rBV	56115	101227	1.82%	0.206%
17	11.551	1431	1439	1448	rBV	202655	357038	6.40%	0.727%
18	12.322	1561	1570	1581	rBV2	368723	708160	12.70%	1.442%
19	12.527	1599	1605	1615	rVB	402927	632610	11.35%	1.288%
20	12.627	1615	1622	1627	rBV5	43853	70219	1.26%	0.143%
21	12.798	1645	1651	1659	rBV3	44011	70757	1.27%	0.144%
22	13.757	1809	1814	1819	rBV	678122	955603	17.14%	1.946%
23	13.804	1819	1822	1828	rVB	110989	147573	2.65%	0.300%
24	14.033	1852	1861	1870	rBV	697010	1056029	18.94%	2.150%
25	14.345	1908	1914	1923	rVB2	2406980	3642250	65.33%	7.415%
26	14.563	1946	1951	1964	rVB2	277166	432346	7.76%	0.880%
27	14.774	1983	1987	1994	rBV5	69696	104915	1.88%	0.214%
28	15.339	2077	2083	2090	rBV	940775	1319825	23.67%	2.687%
29	15.457	2095	2103	2111	rVV2	231461	337306	6.05%	0.687%
30	15.821	2160	2165	2168	rBV4	34395	56475	1.01%	0.115%
31	16.433	2264	2269	2276	rVB	902065	1238622	22.22%	2.522%
32	16.509	2276	2282	2289	rBV	169349	222894	4.00%	0.454%
33	17.092	2373	2381	2391	rBV2	3334708	4678197	83.92%	9.525%
34	17.186	2391	2397	2407	rVB2	1072460	1568000	28.13%	3.192%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013129.D
Acq On : 28 Nov 2017 02:06
Operator : SJ/JU
Sample : I6514-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8DL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	17.480	2439	2447	2458	rBV10	34723	74074	1.33%	0.151%
36	17.862	2507	2512	2520	rBV8	24839	74676	1.34%	0.152%
37	17.998	2530	2535	2546	rBV	795333	1135845	20.37%	2.313%
38	18.139	2554	2559	2568	rVB8	26625	66693	1.20%	0.136%
39	19.162	2729	2733	2737	rBV4	99040	177534	3.18%	0.361%
40	19.280	2748	2753	2760	rBV2	467355	614323	11.02%	1.251%
41	19.339	2760	2763	2767	rVB	83352	100230	1.80%	0.204%
42	19.486	2782	2788	2795	rBV	1278561	1789597	32.10%	3.644%
43	20.274	2918	2922	2928	rBV7	102965	152796	2.74%	0.311%
44	20.368	2934	2938	2946	rBV	161335	240397	4.31%	0.489%
45	20.480	2953	2957	2962	rBV7	32838	64130	1.15%	0.131%
46	20.603	2974	2978	2984	rBV	397876	540245	9.69%	1.100%
47	20.997	3041	3045	3050	rBV	271346	330744	5.93%	0.673%
48	21.274	3087	3092	3098	rBV	4470221	5574898	100.00%	11.350%
49	22.333	3270	3272	3276	rVB	107252	110574	1.98%	0.225%
50	22.839	3355	3358	3362	rVB3	114901	149002	2.67%	0.303%
51	23.356	3440	3446	3452	rBV	945923	1817768	32.61%	3.701%
52	23.503	3463	3471	3479	rVB	2619897	4965993	89.08%	10.111%
53	24.050	3560	3564	3572	rVB5	165547	311369	5.59%	0.634%
54	24.785	3685	3689	3698	rVB4	219912	525723	9.43%	1.070%

Sum of corrected areas: 49116900

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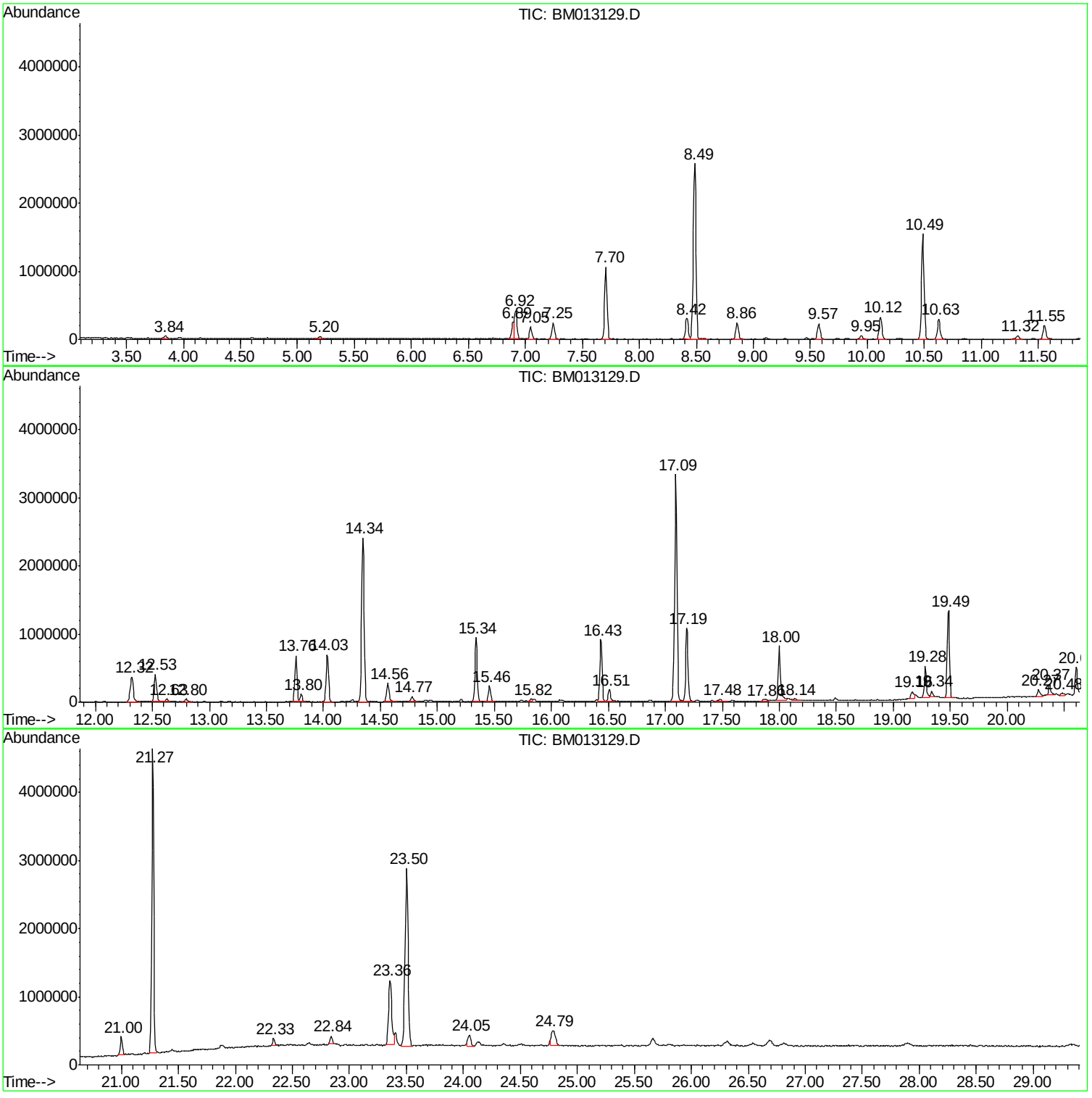
Sample : I6514-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
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Quant Title : SVOA CALIBRATION

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

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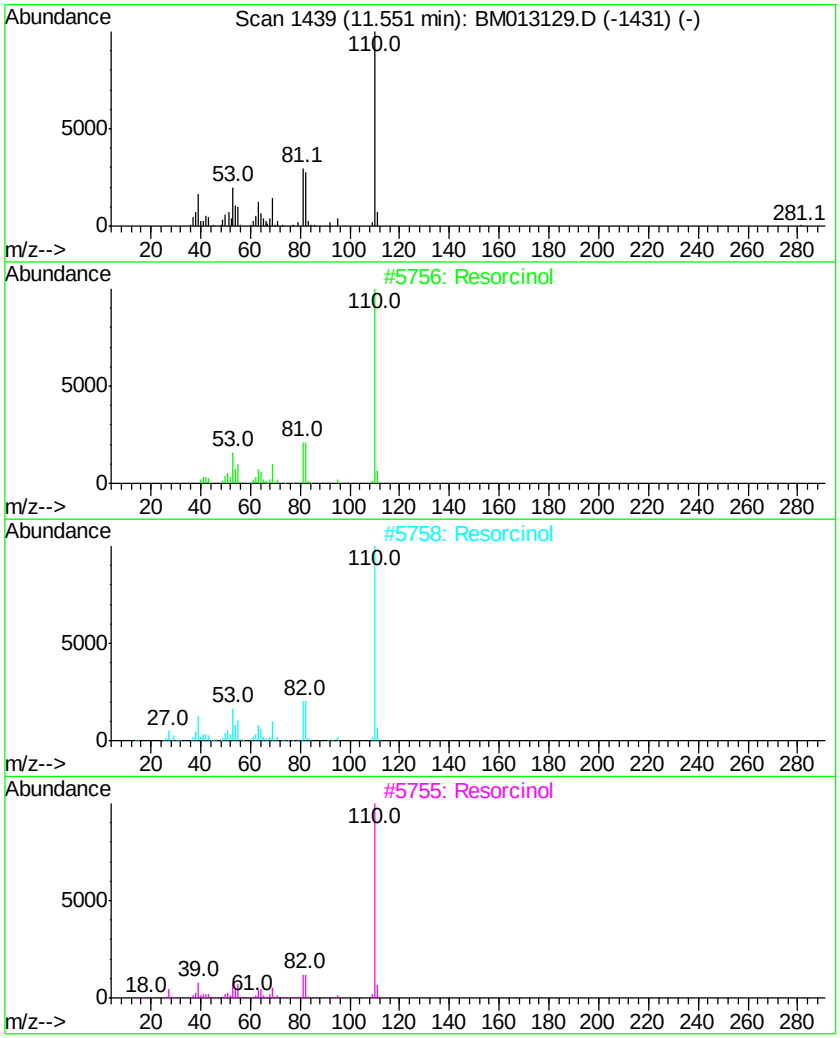
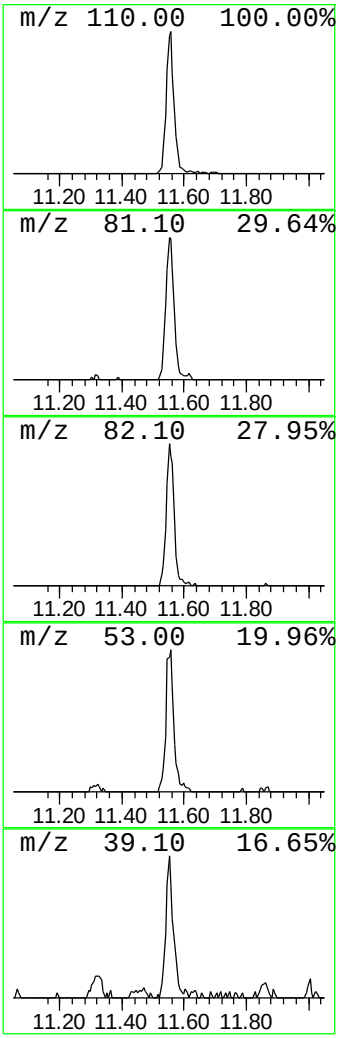
Peak Number 1 Resorcinol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.86 ng/ul	357038	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	95
2	Resorcinol	110	C6H6O2	000108-46-3	95
3	Resorcinol	110	C6H6O2	000108-46-3	91
4	Resorcinol	110	C6H6O2	000108-46-3	90
5	Hydroquinone	110	C6H6O2	000123-31-9	72





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Instrument : BNA_M
ClientSampleId : C0AC8DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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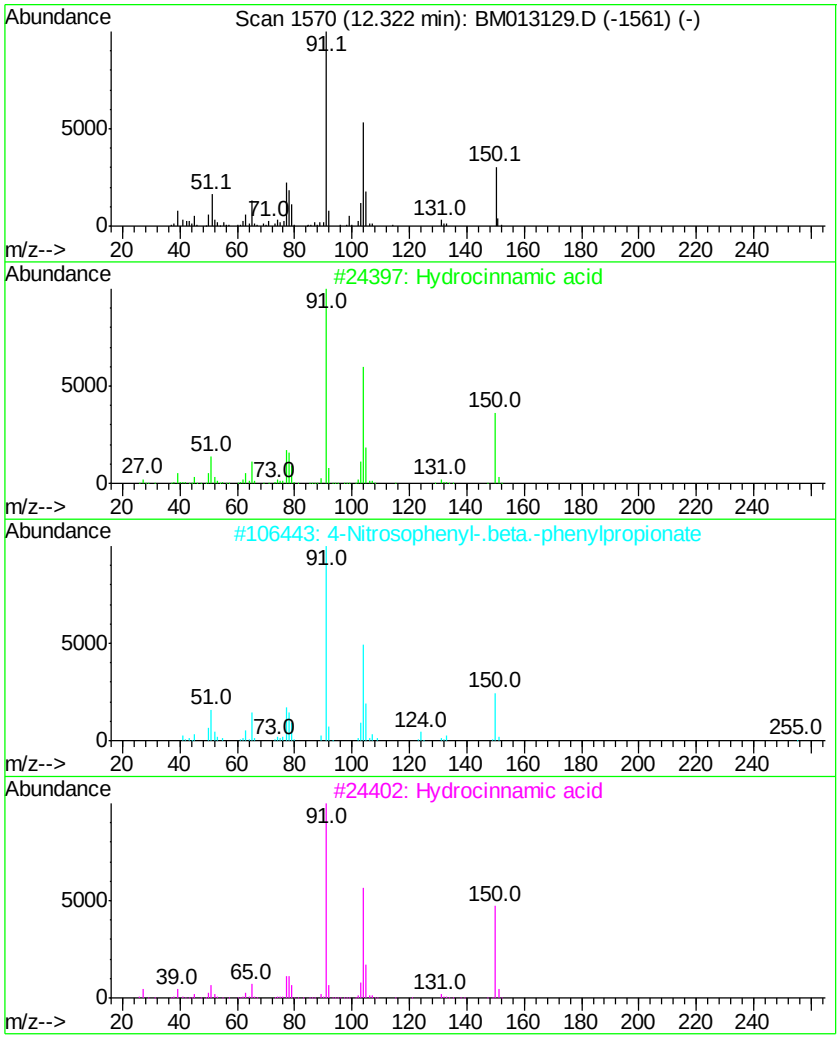
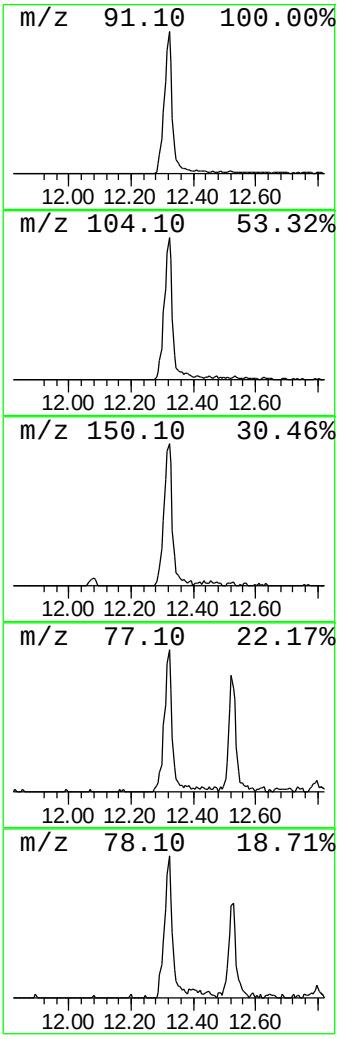
Peak Number 2 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.67 ng/ul	708160	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	91
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	90
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	81





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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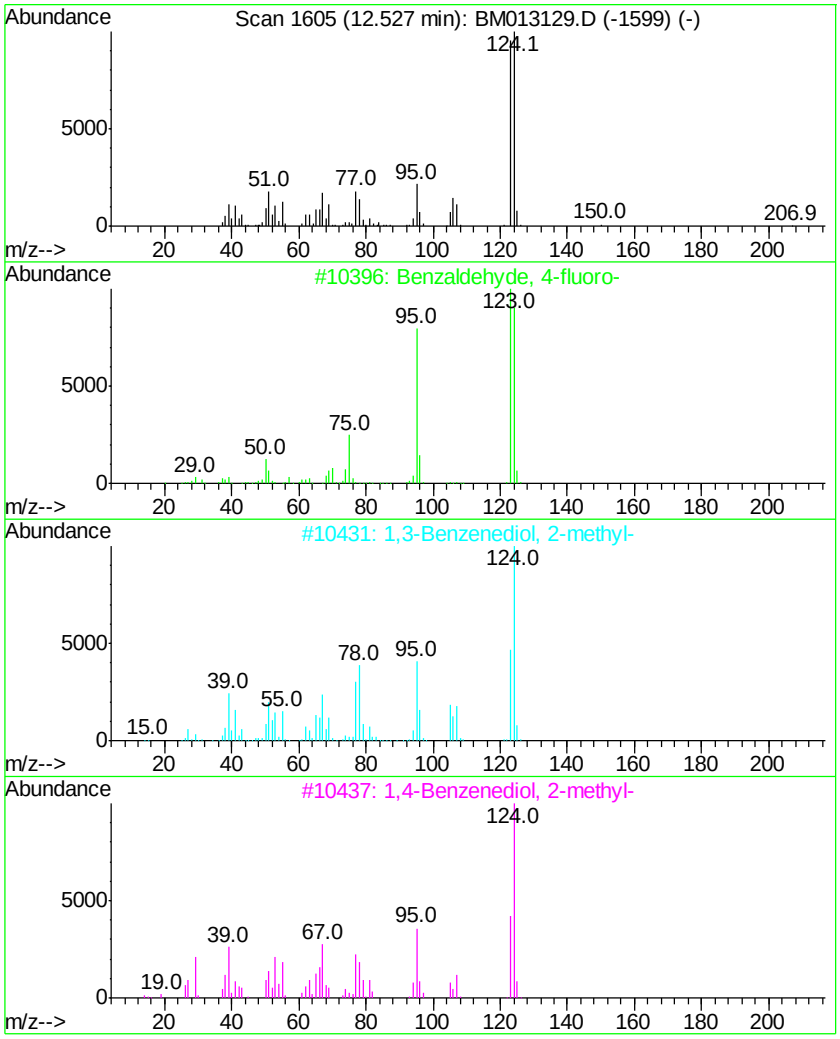
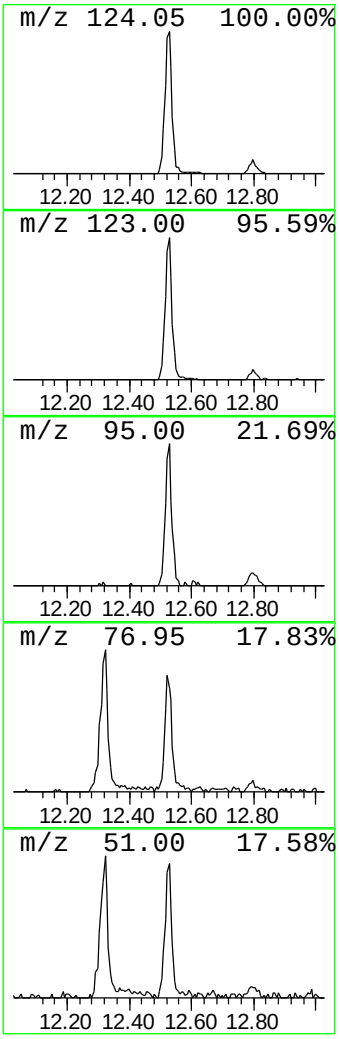
Peak Number 3 Benzaldehyde, 4-fluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.47 ng/ul	632610	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-fluoro-	124	C7H5FO	000459-57-4	83
2	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	76
3	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	70
4	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	70
5	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	68





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Sample : I6514-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

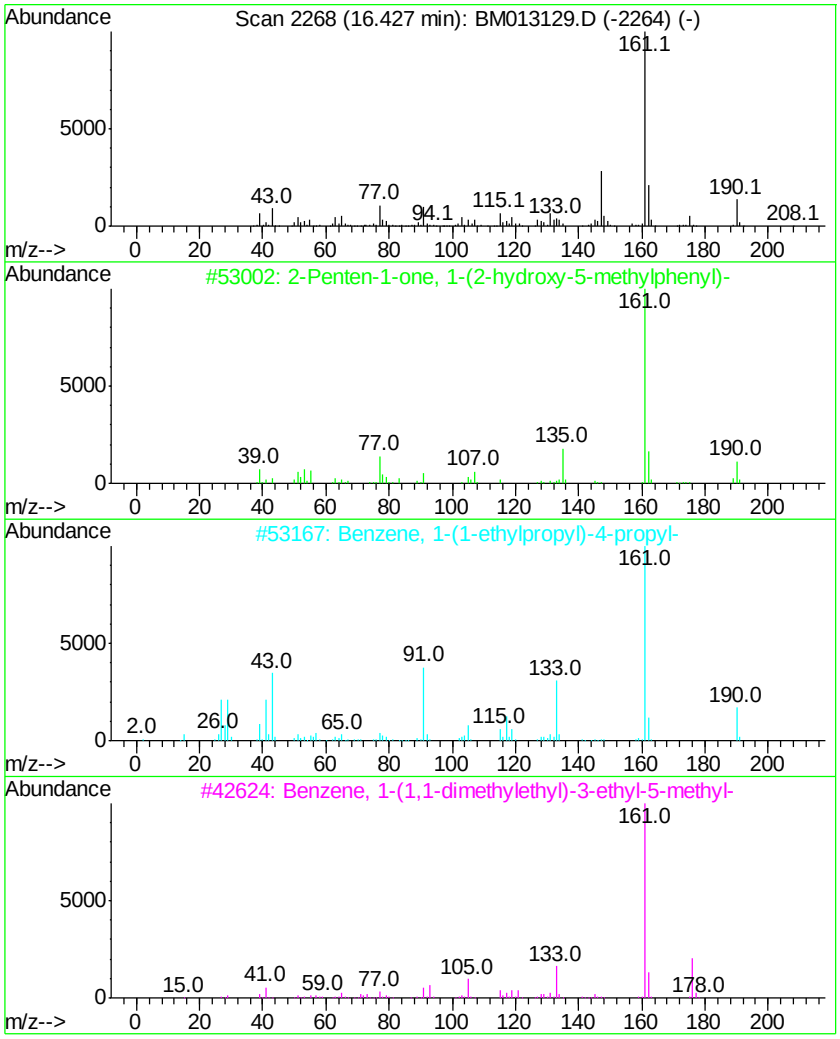
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

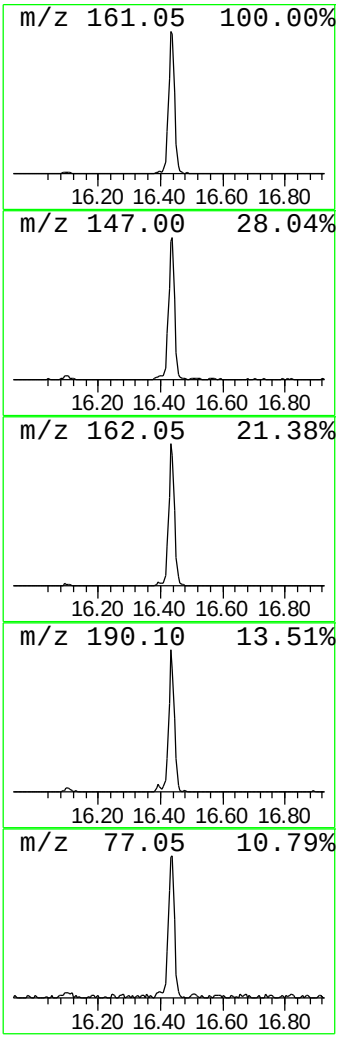
****

Peak Number 4 2-Penten-1-one, 1-(2-hydrox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.30 ng/ul	1238620	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-1-one, 1-(2-hydroxy-5-m...	190	C12H14O2	051956-78-6	58
2	Benzene, 1-(1-ethylpropyl)-4-pro...	190	C14H22	054789-16-1	52
3	Benzene, 1-(1,1-dimethylethyl)-3...	176	C13H20	006630-01-9	50
4	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	45
5	6-Amino-2,3-dimethyl-1H-pyrrolo[...	161	C9H11N3	055463-65-5	43





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

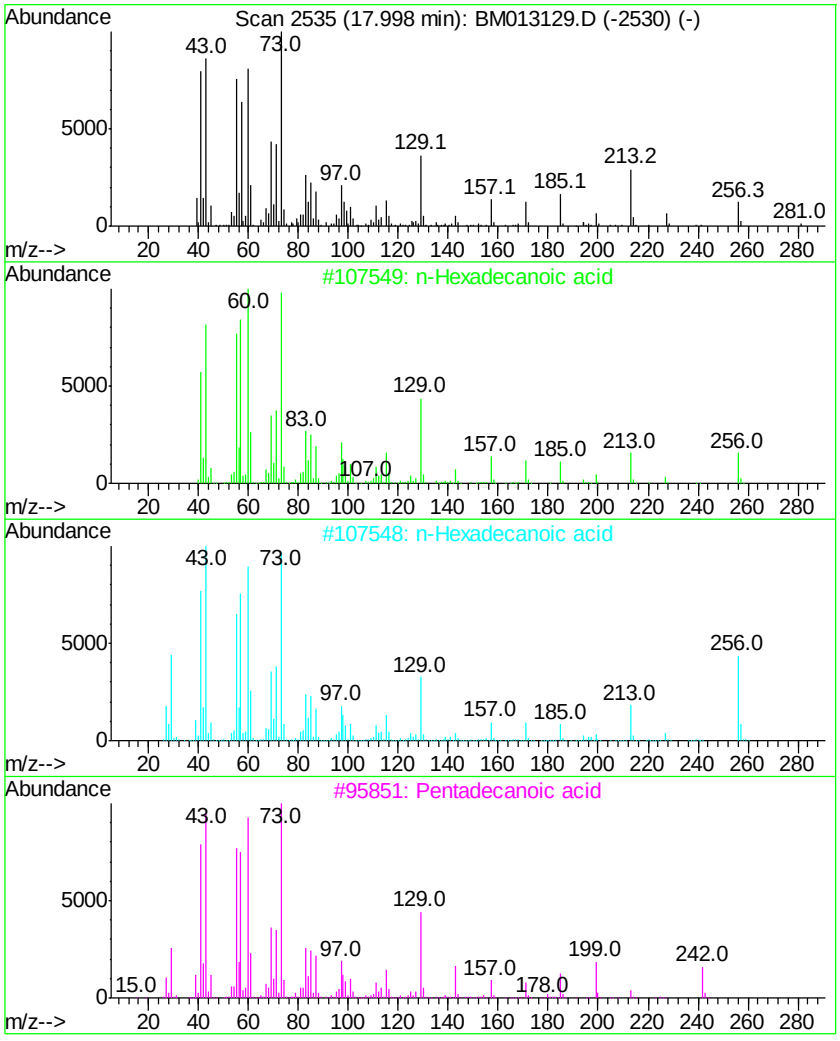
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

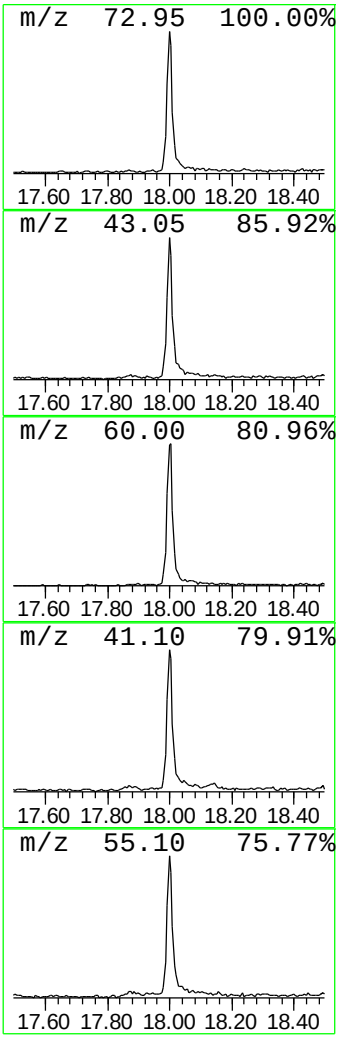
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.86 ng/ul	1135850	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

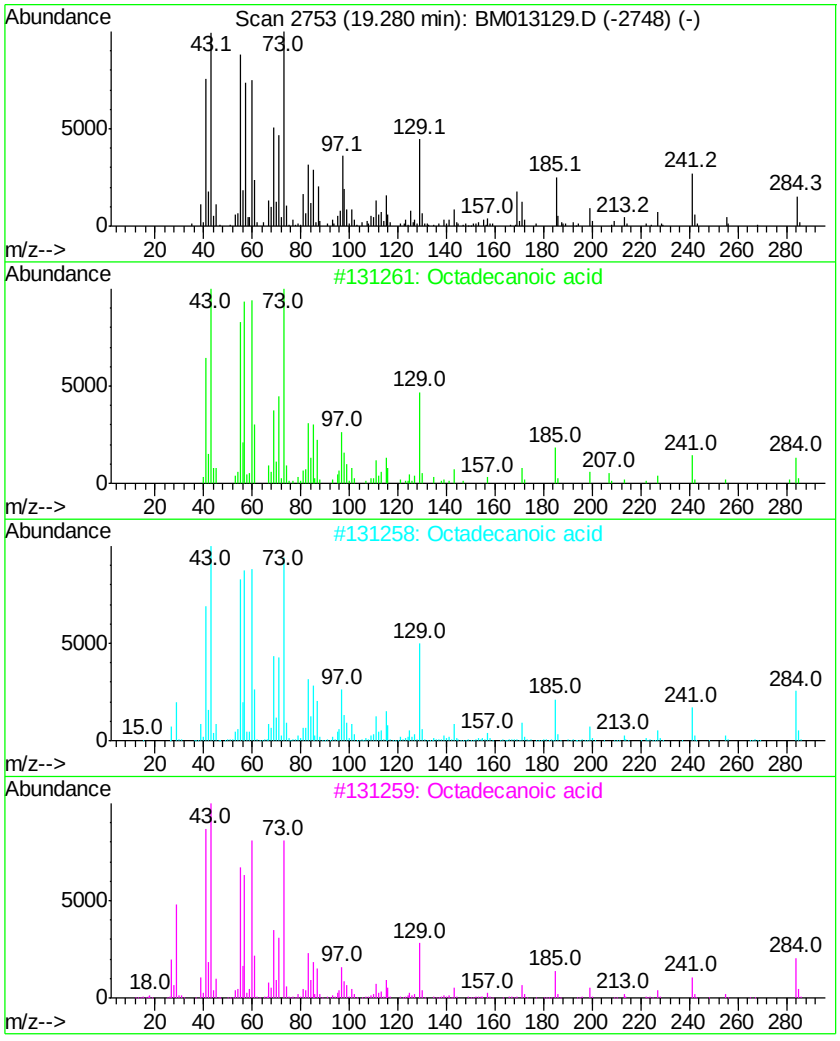
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

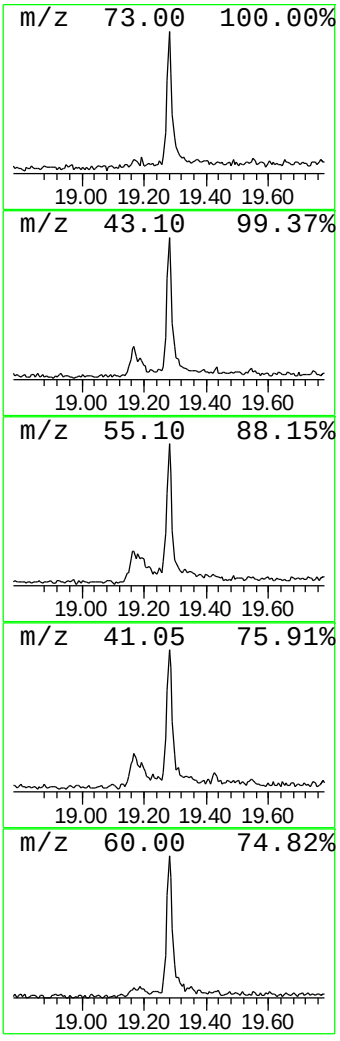
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.20 ng/ul	614323	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	91





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

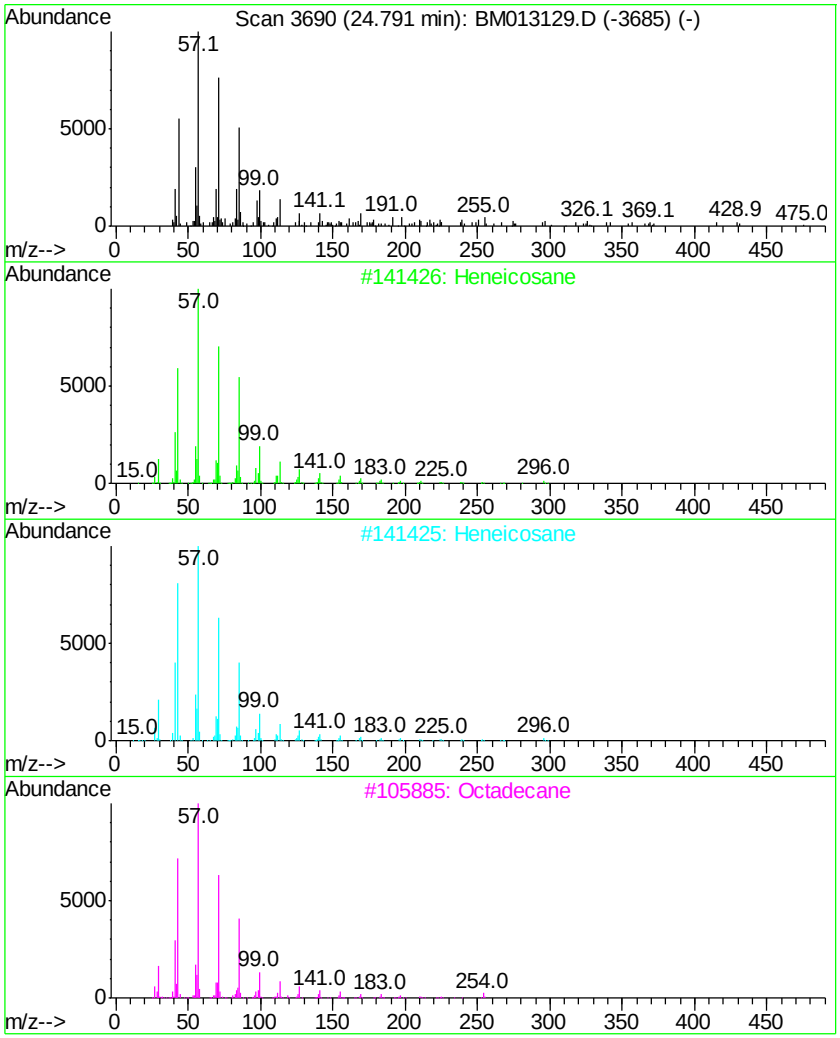
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

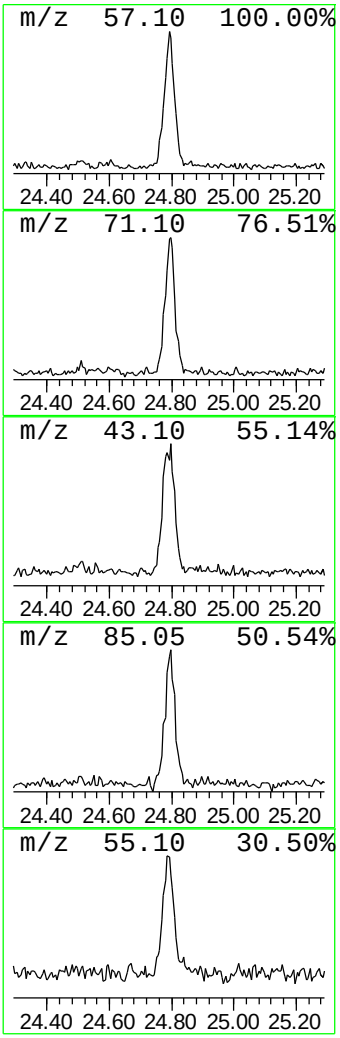
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.12 ng/ul	525723	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Heneicosane	296	C21H44	000629-94-7	76
3	Octadecane	254	C18H38	000593-45-3	74
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tetracosane	338	C24H50	000646-31-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112717\
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Sample : I6514-07DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC8DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
Resorcinol	11.55	2.9	ng/ul	357038	2	10.49	2497940	20.0
Hydrocinnamic acid	12.32	5.7	ng/ul	708160	2	10.49	2497940	20.0
Benzaldehyde, 4-f...	12.53	3.5	ng/ul	632610	3	14.34	3642250	20.0
2-Penten-1-one, 1...	16.43	5.3	ng/ul	1238620	4	17.09	4678200	20.0
n-Hexadecanoic acid	18.00	4.9	ng/ul	1135850	4	17.09	4678200	20.0
Octadecanoic acid	19.28	2.2	ng/ul	614323	5	21.27	5574900	20.0
(DEL) Alkane: Str...	24.79	2.1	ng/ul	525723	6	23.50	4965990	20.0