LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012032.D
Acq On : 10 Oct 2017 02:52
Operator : SJ/JU
Sample : I5414-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0BN5

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-BM100317.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	7.004	659	666	681	rBV	541349	1040709	14.19%	1.492%
2	7.175	688	695	708	rBV	409938	688869	9.40%	0.987%
3	7.375	722	729	745	rBV	584821	1032858	14.09%	1.480%
4	7.845	801	809	819	rBV	715513	1201944	16.39%	1.723%
5	8.551	922	929	946	rBV	684169	1265344	17.26%	1.813%
6	9.010	1000	1007	1022	rBV	544411	980589	13.37%	1.405%
7	9.734	1123	1130	1141	rBV	450218	823492	11.23%	1.180%
8	10.269	1211	1221	1235	rBV	745036	1415990	19.31%	2.029%
9	10.645	1278	1285	1299	rVB	1065728	1837357	25.06%	2.633%
10	10.792	1302	1310	1330	rBV	399736	916462	12.50%	1.313%
11	13.898	1829	1838	1842	rBV	1549295	2210643	30.15%	3.168%
12	13.945	1842	1846	1853	rVB	297682	464825	6.34%	0.666%
13	14.186	1880	1887	1905	rBV	1671236	2716660	37.05%	3.893%
14	14.492	1932	1939	1948	rBV2	1637488	2595140	35.39%	3.719%
15	14.698	1968	1974	1989	rBV	264719	647543	8.83%	0.928%
16	14.898	2003	2008	2016	rVB4	35805	93057	1.27%	0.133%
17	15.480	2101	2107	2114	rBV	2316204	3405055	46.44%	4.880%
18	15.610	2123	2129	2137	rBV	538437	800100	10.91%	1.147%
19	15.721	2142	2148	2154	rVB5	36197	73478	1.00%	0.105%
20	16.898	2342	2348	2353	rBV	86789	135502	1.85%	0.194%
21	17.239	2399	2406	2409	rBV	2294181	3381220	46.12%	4.846%
22	17.280	2409	2413	2417	rVV	792582	1204477	16.43%	1.726%
23	17.333	2417	2422	2434	rVB2	2573229	3842362	52.40%	5.507%
24	17.645	2468	2475	2481	rBV2	62318	134898	1.84%	0.193%
25	18.115	2549	2555	2559	rBV	673786	997138	13.60%	1.429%
26	18.157	2559	2562	2569	rVB	197887	309000	4.21%	0.443%
27	18.304	2581	2587	2591	rBV3	149397	304317	4.15%	0.436%
28	18.339	2591	2593	2598	rVB	113402	156967	2.14%	0.225%
29	18.610	2635	2639	2643	rBV	98944	135710	1.85%	0.194%
30	18.657	2643	2647	2652	rVB2	217502	307110	4.19%	0.440%
31	19.027	2704	2710	2715	rBV2	167027	345583	4.71%	0.495%
32	19.168	2729	2734	2744	rBV2	146488	303057	4.13%	0.434%
33	19.292	2745	2755	2761	rBV	1582427	2323802	31.69%	3.330%
34	19.392	2767	2772	2777	rBV	531056	689503	9.40%	0.988%

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Title : SVOA CALIBRATION

35	19.439	2778	2780	2785	rVB	62550	81553	1.11%	0.117%
36	19.539	2792	2797	2806	rVB	939077	1162740	15.86%	1.666%
37	19.627	2806	2812	2815	rBV	4003066	5740191	78.29%	8.227%
38	19.656	2815	2817	2825	rVV	1688992	1858289	25.34%	2.663%
39	19.727	2825	2829	2835	rVB	116073	177719	2.42%	0.255%
40	19.892	2854	2857	2865	rVB4	57164	108695	1.48%	0.156%
41	19.980	2866	2872	2878	rBV3	131547	352875	4.81%	0.506%
42	20.115	2891	2895	2896	rBV2	100542	126970	1.73%	0.182%
43	20.304	2924	2927	2931	rVB2	163931	216431	2.95%	0.310%
44	20.445	2948	2951	2955	rBV	143110	187457	2.56%	0.269%
45	20.492	2956	2959	2962	rVB2	102339	126449	1.72%	0.181%
46	20.580	2971	2974	2981	rBV2	409878	505748	6.90%	0.725%
47	20.892	3024	3027	3033	rBV	247455	341137	4.65%	0.489%
48	21.103	3059	3063	3066	rBV2	435189	531201	7.24%	0.761%
49	21.192	3075	3078	3084	rVB	203914	248608	3.39%	0.356%
50	21.409	3109	3115	3119	rBV	4497314	7332121	100.00%	10.508%
51	23.027	3385	3390	3395	rBV	728903	1573088	21.45%	2.255%
52	23.527	3471	3475	3478	rBV	370476	604693	8.25%	0.867%
53	23.580	3478	3484	3489	rVV2	2802142	5111092	69.71%	7.325%
54	23.727	3503	3509	3516	rBV	2397572	4607153	62.84%	6.603%

Sum of corrected areas: 69774971

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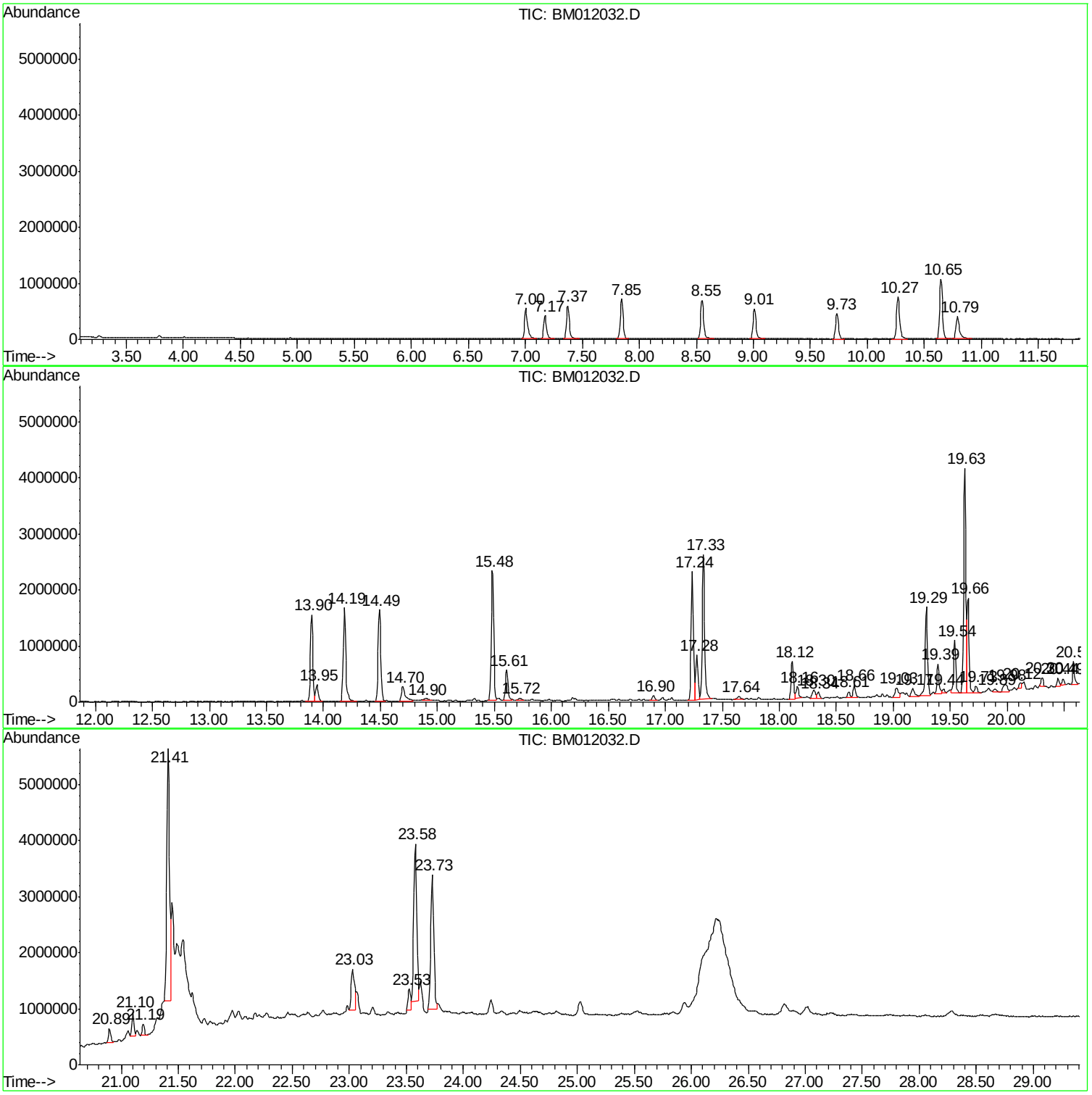
Instrument :
BNA_M
ClientSampleId :
B0BN5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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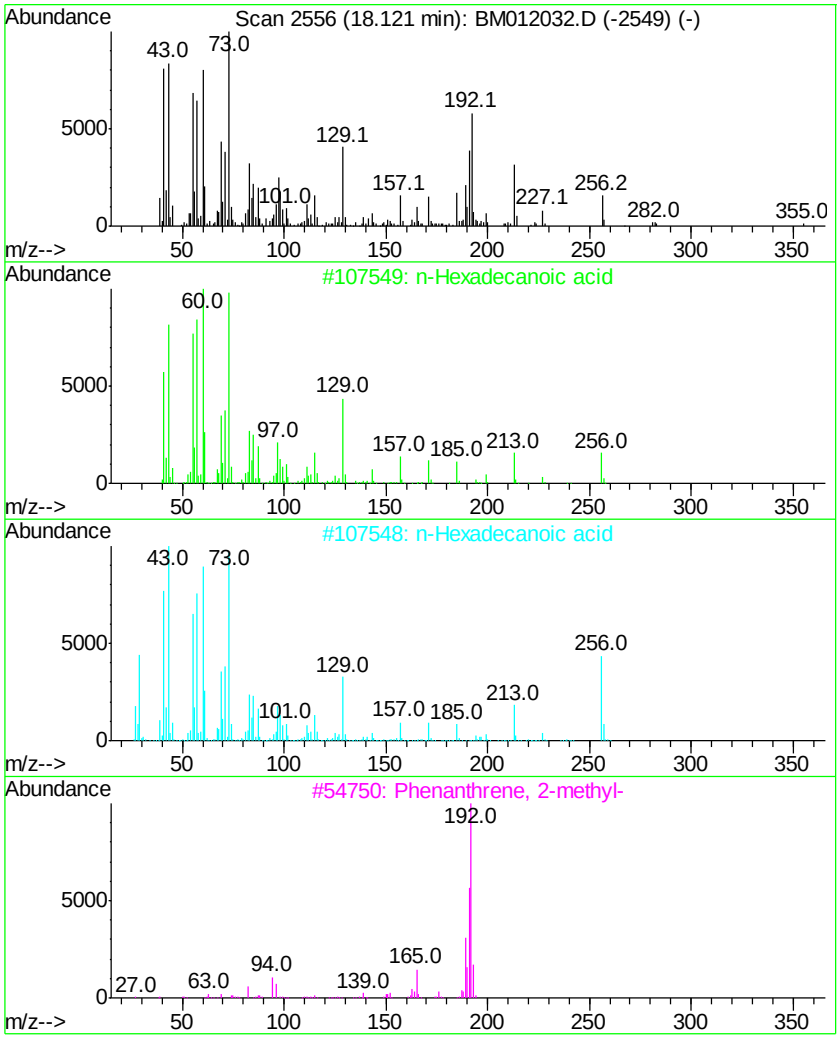
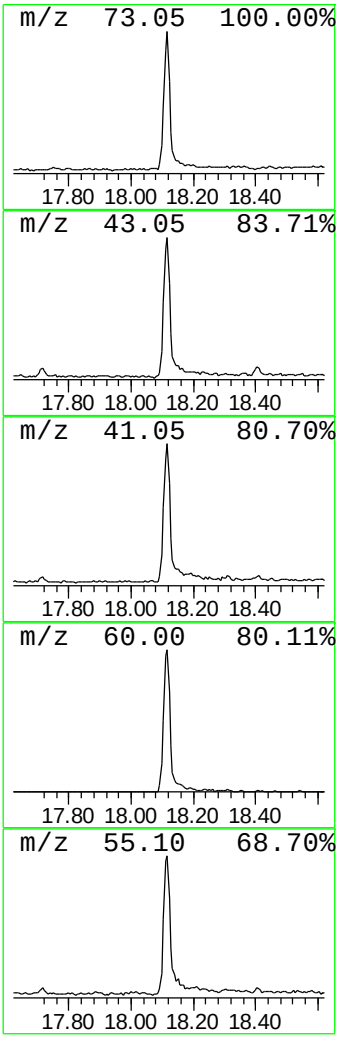
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	5.90 ng/ul	997138	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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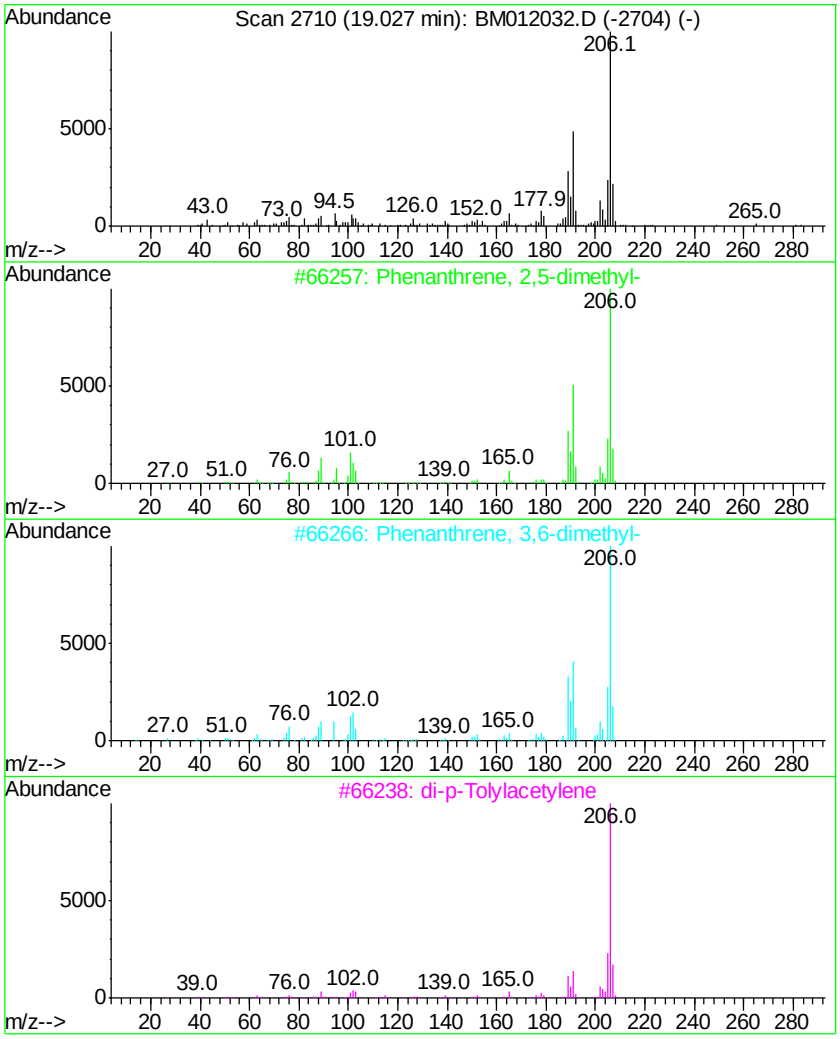
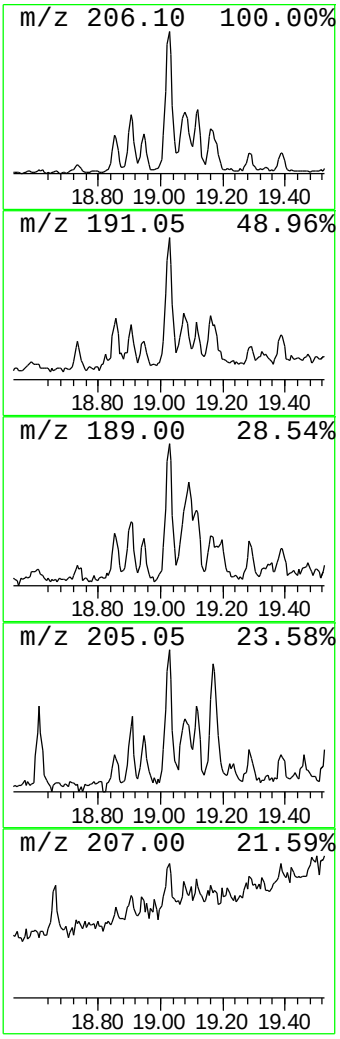
Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.04 ng/ul	345583	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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TIC Library : C:\DATABASE\NIST11.L
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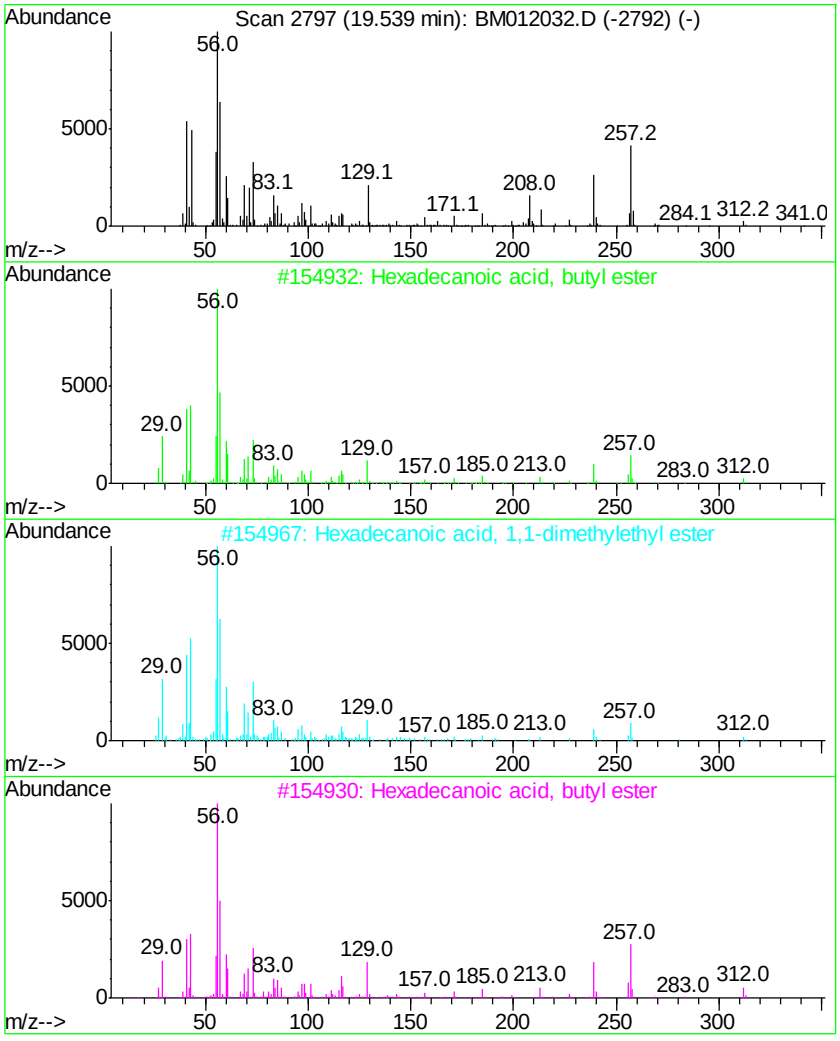
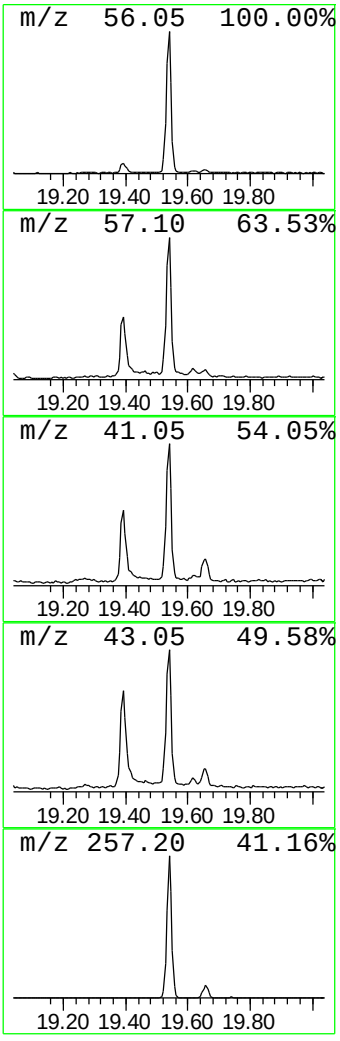
Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.17 ng/ul	1162740	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	81
4	Nipecotic acid	129	C6H11NO2	000498-95-3	43
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	41





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	5.9	ng/ul	997138	4	17.24	3381220	20.0
Phenanthrene, 2,5...	19.03	2.0	ng/ul	345583	4	17.24	3381220	20.0
Hexadecanoic acid...	19.54	3.2	ng/ul	1162740	5	21.41	7332120	20.0