LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016127.D
Acq On : 09 Jul 2023 11:42
Operator : MA/JU
Sample : 03356-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW35

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\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	24	27	37	rVB	81687	115032	1.39%	0.124%
2	3.793	100	103	129	rBV	776985	1543581	18.68%	1.667%
3	4.111	154	157	165	rVB4	20258	33167	0.40%	0.036%
4	4.652	246	249	253	rBV6	11768	15886	0.19%	0.017%
5	5.063	316	319	325	rVB7	6179	10960	0.13%	0.012%
6	7.216	677	685	701	rBV	557049	1947478	23.57%	2.103%
7	7.346	701	707	733	rVV	742023	1717161	20.78%	1.854%
8	7.552	735	742	765	rVV	847525	1963100	23.76%	2.120%
9	8.016	813	821	844	rBV	884086	2248056	27.21%	2.427%
10	8.769	942	949	987	rBV	743077	2545257	30.81%	2.748%
11	9.216	1017	1025	1058	rBV	724646	2056639	24.89%	2.221%
12	9.534	1076	1079	1084	rVB4	10307	15880	0.19%	0.017%
13	9.951	1141	1150	1175	rBV	467433	1740448	21.06%	1.879%
14	10.540	1243	1250	1270	rBV	465538	2105754	25.49%	2.274%
15	10.846	1294	1302	1325	rVB	1449329	3468922	41.98%	3.745%
16	11.046	1328	1336	1381	rBV2	491455	2294098	27.77%	2.477%
17	12.022	1496	1502	1507	rBV9	5939	12615	0.15%	0.014%
18	12.451	1568	1575	1577	rBV7	8687	18755	0.23%	0.020%
19	12.510	1580	1585	1593	rVV4	15810	44279	0.54%	0.048%
20	13.475	1745	1749	1755	rBV8	5912	10748	0.13%	0.012%
21	13.551	1755	1762	1774	rVB2	32358	75001	0.91%	0.081%
22	14.010	1833	1840	1846	rBV9	6920	14800	0.18%	0.016%
23	14.087	1846	1853	1876	rBV	1890077	4107736	49.72%	4.435%
24	14.298	1884	1889	1893	rBV	16365	26034	0.32%	0.028%
25	14.363	1893	1900	1925	rVV	2814563	4822826	58.37%	5.207%
26	14.545	1927	1931	1939	rVB2	22200	37240	0.45%	0.040%
27	14.669	1945	1952	1971	rBV	2816437	4843750	58.62%	5.230%
28	15.022	1999	2012	2025	rBV3	184907	952311	11.53%	1.028%
29	15.439	2079	2083	2088	rVB6	11212	17806	0.22%	0.019%
30	15.486	2088	2091	2099	rVB6	16900	35534	0.43%	0.038%
31	15.575	2103	2106	2115	rVB10	6642	11940	0.14%	0.013%
32	15.675	2116	2123	2148	rBV	2992972	6112987	73.99%	6.600%
33	15.863	2149	2155	2180	rBV	372111	1522251	18.42%	1.644%
34	16.045	2180	2186	2203	rVB	1185748	1990122	24.09%	2.149%
35	16.316	2229	2232	2235	rVB3	16903	17538	0.21%	0.019%
36	16.598	2275	2280	2291	rBV	362064	524409	6.35%	0.566%

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Title : SVOA CALIBRATION

37	16.751	2303	2306	2311	rVB7	11221	18198	0.22%	0.020%
38	16.857	2319	2324	2330	rVV10	14265	36572	0.44%	0.039%
39	16.916	2331	2334	2339	rVB4	11109	16097	0.19%	0.017%
40	17.092	2360	2364	2369	rVV4	27476	44883	0.54%	0.048%
41	17.139	2370	2372	2376	rVB5	11732	13370	0.16%	0.014%
42	17.192	2376	2381	2384	rBV7	9794	16694	0.20%	0.018%
43	17.228	2384	2387	2393	rVB4	9256	17022	0.21%	0.018%
44	17.433	2413	2422	2434	rBV	3770038	6085119	73.65%	6.570%
45	17.545	2434	2441	2465	rVV2	2690189	6664727	80.66%	7.196%
46	18.169	2545	2547	2555	rVB8	12564	17027	0.21%	0.018%
47	18.292	2562	2568	2579	rBV	539652	1156215	13.99%	1.248%
48	19.351	2744	2748	2751	rBV2	54151	76579	0.93%	0.083%
49	19.522	2773	2777	2789	rBV2	144669	307757	3.72%	0.332%
50	19.769	2813	2819	2848	rBV	3724765	8262418	100.00%	8.921%
51	20.233	2896	2898	2901	rBV3	40909	46662	0.56%	0.050%
52	20.721	2978	2981	2983	rBV2	65660	71031	0.86%	0.077%
53	21.169	3055	3057	3060	rBV	80906	77311	0.94%	0.083%
54	21.221	3060	3066	3079	rVV2	686203	1813337	21.95%	1.958%
55	21.539	3115	3120	3131	rBV2	2792108	6201380	75.06%	6.696%
56	22.751	3322	3326	3332	rVB	341371	480901	5.82%	0.519%
57	23.833	3507	3510	3514	rBV	231236	356365	4.31%	0.385%
58	23.898	3514	3521	3540	rVB2	2558014	6274002	75.93%	6.774%
59	24.068	3543	3550	3573	rVB	1681638	5545884	67.12%	5.988%

Sum of corrected areas: 92619652

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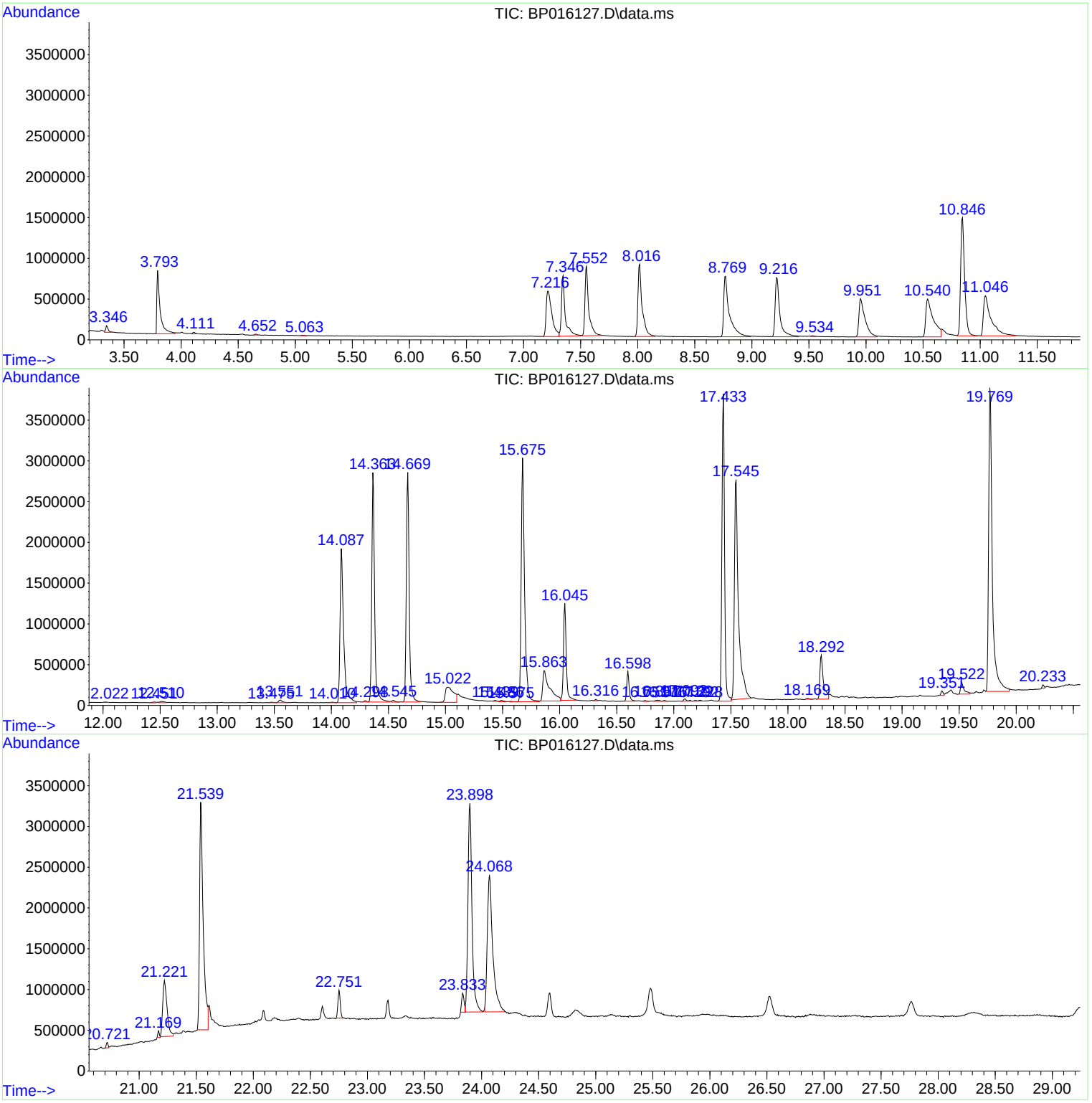
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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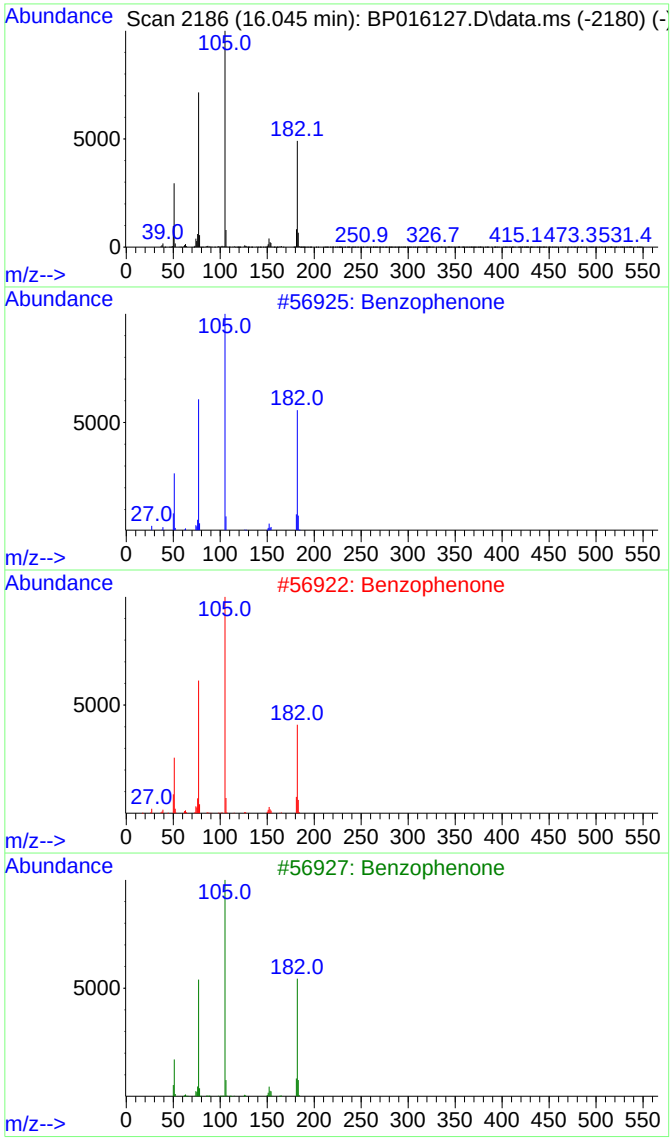
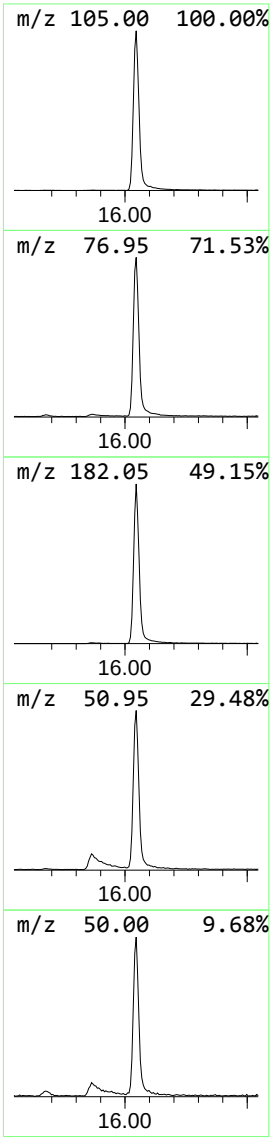
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	8.22 ng/ul	1990120	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	83





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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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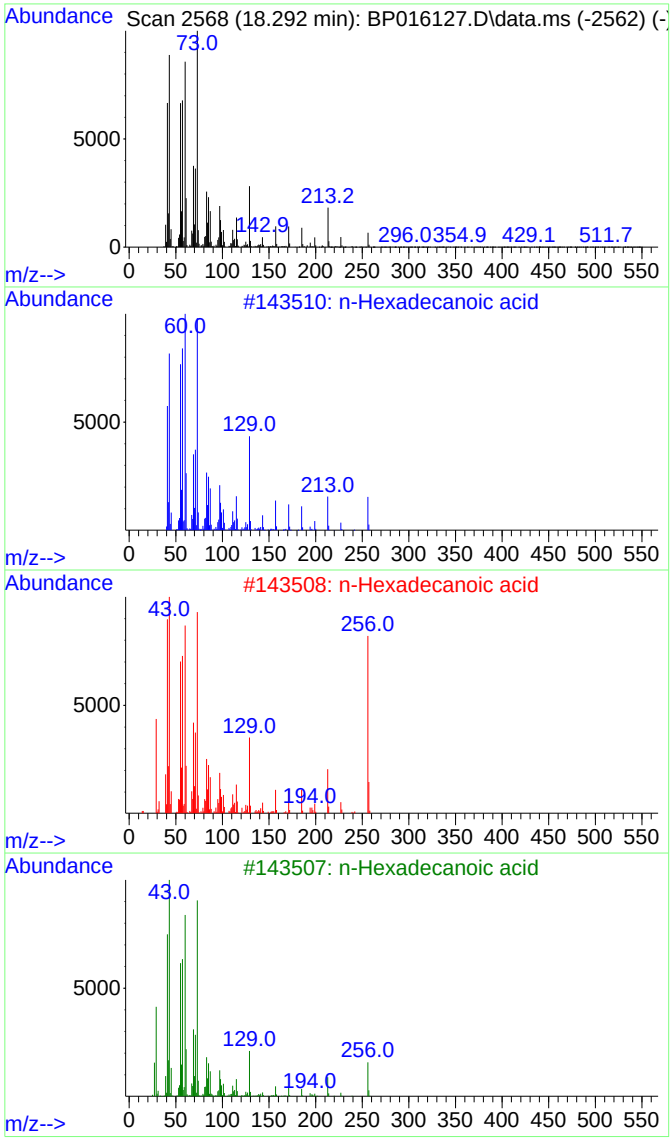
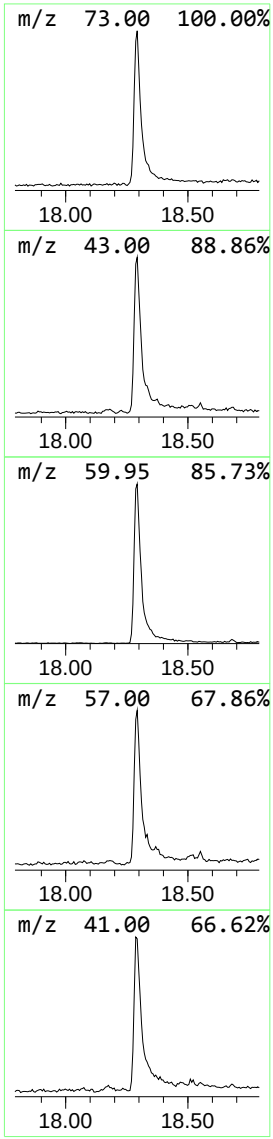
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.80 ng/ul	1156220	Phenanthrene-d10	17.433

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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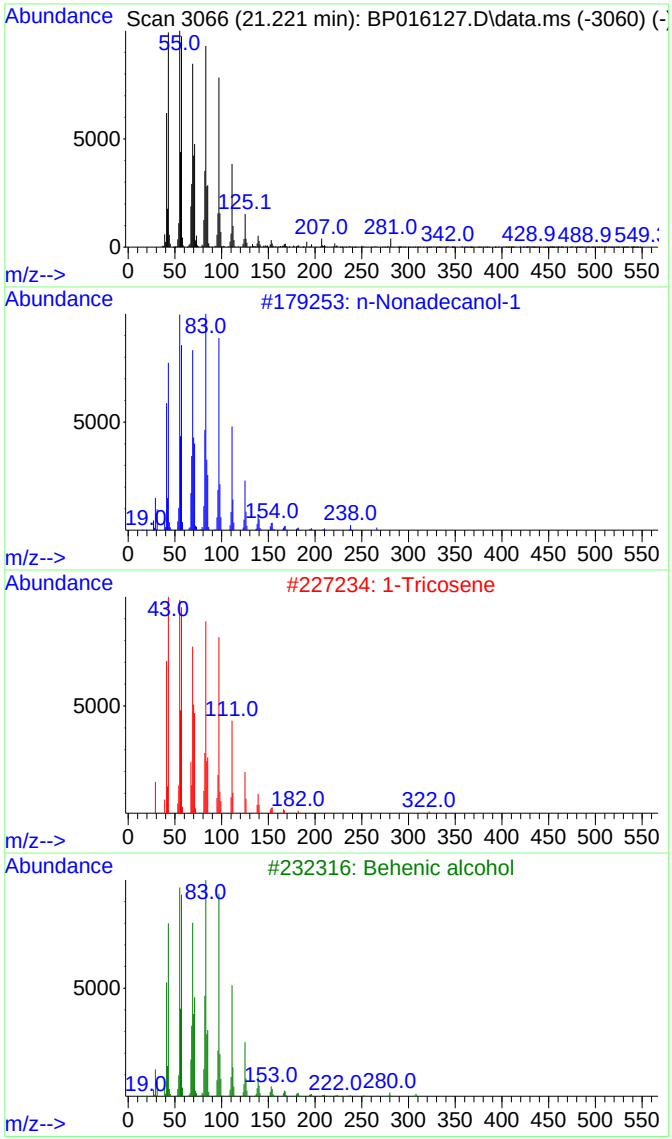
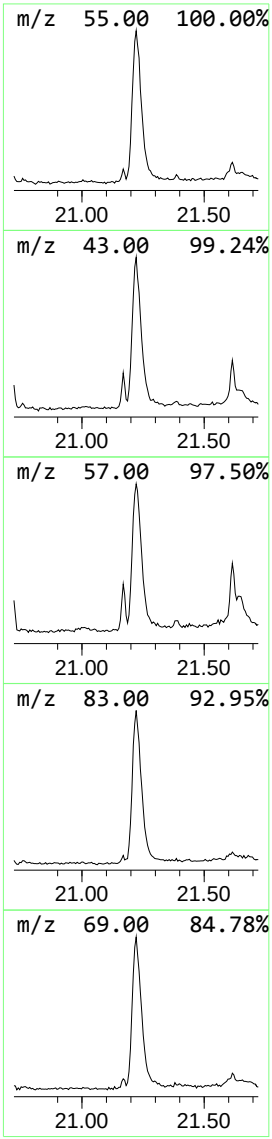
Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	5.85 ng/ul	1813340	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.045	8.2	ng/ul	1990120	3	14.669	4843750	20.0
n-Hexadecanoic ...	18.292	3.8	ng/ul	1156220	4	17.433	6085120	20.0
n-Nonadecanol-1	21.221	5.8	ng/ul	1813340	5	21.539	6201380	20.0