LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013628.D
Acq On : 16 Jan 2018 18:14
Operator : SJ/JU
Sample : J1080-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL8

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-BM011018.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	3.163	27	30	34	rVB2	34487	41865	1.34%	0.122%
2	6.799	642	648	660	rBV2	581890	1058691	33.90%	3.074%
3	6.963	670	676	686	rVB	443367	666503	21.34%	1.935%
4	7.151	702	708	720	rBV	615407	947874	30.35%	2.752%
5	7.616	781	787	795	rBV	563911	886091	28.37%	2.572%
6	8.328	901	908	919	rBV	687726	1144662	36.65%	3.323%
7	8.775	977	984	992	rBV	564213	952828	30.51%	2.766%
8	9.487	1098	1105	1116	rBV	455769	778359	24.92%	2.260%
9	10.022	1189	1196	1209	rBV	656925	1174829	37.62%	3.411%
10	10.392	1251	1259	1267	rBV	712889	1161933	37.20%	3.373%
11	10.539	1276	1284	1297	rBV	460101	877110	28.08%	2.546%
12	13.686	1813	1819	1823	rBV	1128719	1580309	50.60%	4.588%
13	13.733	1823	1827	1836	rVB	240138	357199	11.44%	1.037%
14	13.957	1854	1865	1875	rBV	1330010	1998090	63.98%	5.801%
15	14.175	1897	1902	1909	rBV2	55345	73139	2.34%	0.212%
16	14.269	1911	1918	1928	rVB2	918897	1382168	44.25%	4.013%
17	14.492	1949	1956	1971	rBV	350977	690403	22.11%	2.004%
18	15.133	2059	2065	2070	rVB2	72840	92260	2.95%	0.268%
19	15.269	2081	2088	2099	rVB	1650616	2335290	74.77%	6.780%
20	15.404	2106	2111	2123	rVB	381974	575394	18.42%	1.670%
21	15.510	2123	2129	2133	rBV3	21848	40634	1.30%	0.118%
22	15.998	2207	2212	2219	rBV2	53012	85243	2.73%	0.247%
23	16.786	2343	2346	2352	rBV4	35533	53572	1.72%	0.156%
24	17.021	2379	2386	2392	rBV	1167782	1637395	52.43%	4.754%
25	17.121	2395	2403	2413	rBV	1697851	2482841	79.50%	7.208%
26	17.927	2535	2540	2546	rBV	159273	237447	7.60%	0.689%
27	19.062	2728	2733	2736	rBV6	37077	56509	1.81%	0.164%
28	19.209	2755	2758	2768	rBV6	64262	108786	3.48%	0.316%
29	19.421	2788	2794	2800	rBV	2252228	2875110	92.06%	8.347%
30	19.474	2801	2803	2810	rVB6	28117	43184	1.38%	0.125%
31	20.362	2946	2954	2961	rBV	353883	491974	15.75%	1.428%
32	20.939	3047	3052	3059	rBV	328571	464168	14.86%	1.348%
33	21.215	3094	3099	3105	rBV	1558634	1976422	63.28%	5.738%
34	23.280	3443	3450	3461	rBV	1698237	3123211	100.00%	9.067%

LSC Area Percent Report

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35	23.415	3467	3473	3483	rVB2	1055823	1994020	63.85%	5.789%

Sum of corrected areas: 34445513

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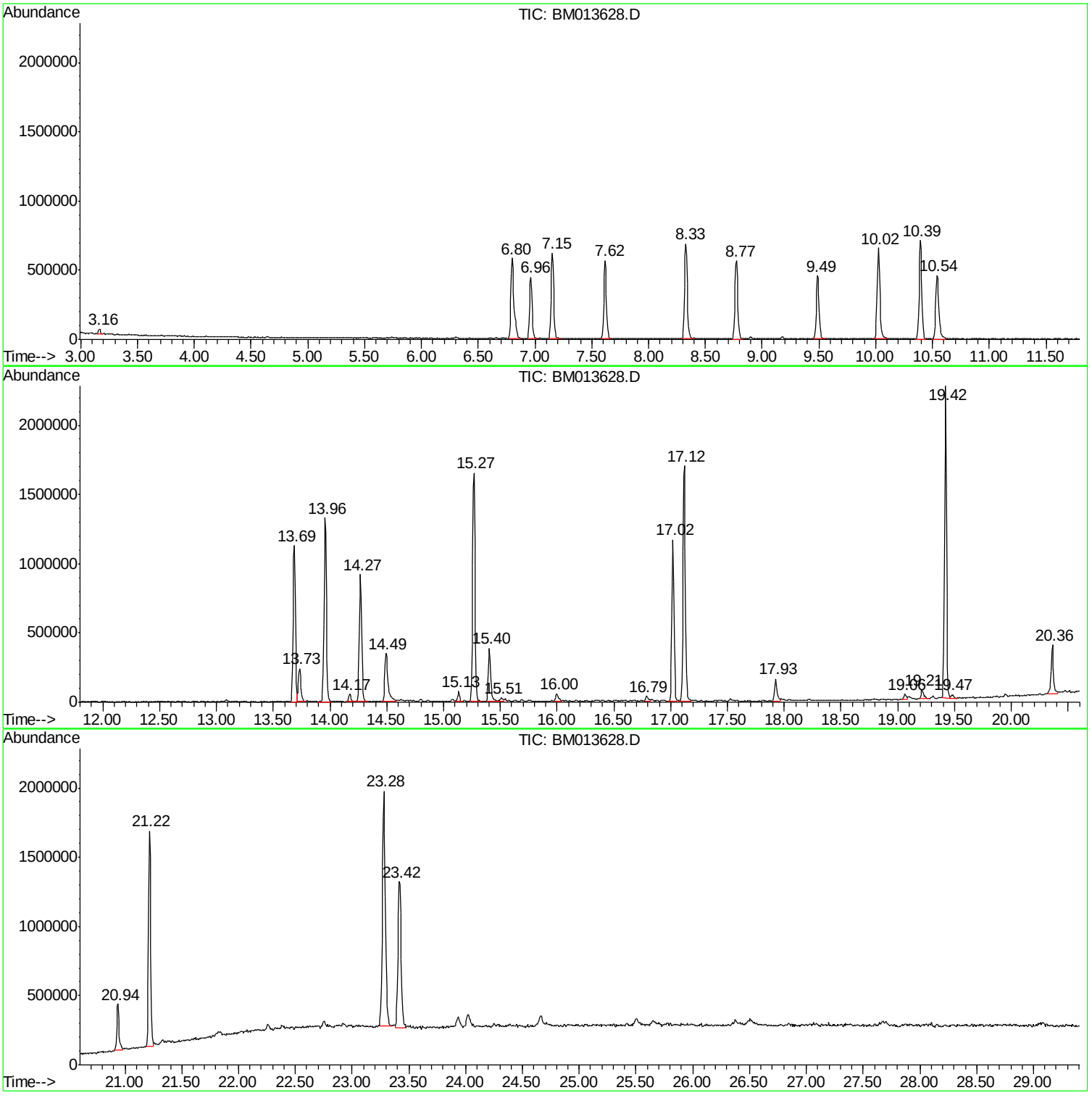
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013628.D
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Operator : SJ/JU
Sample : J1080-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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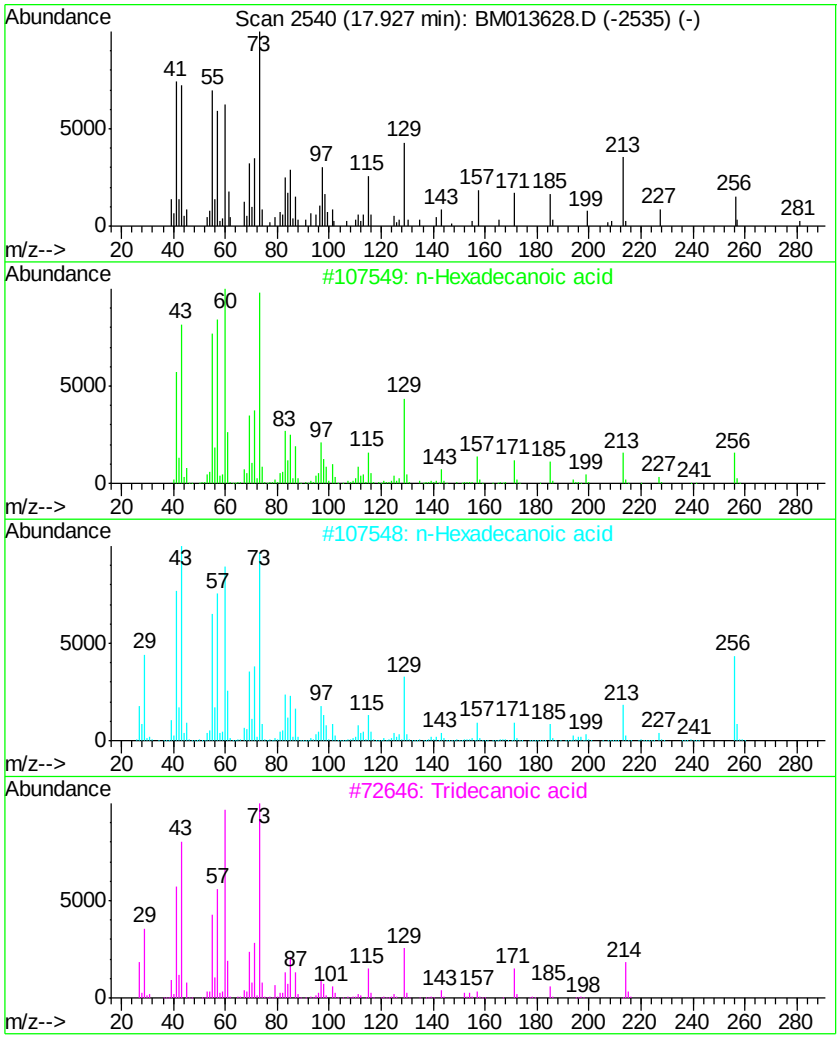
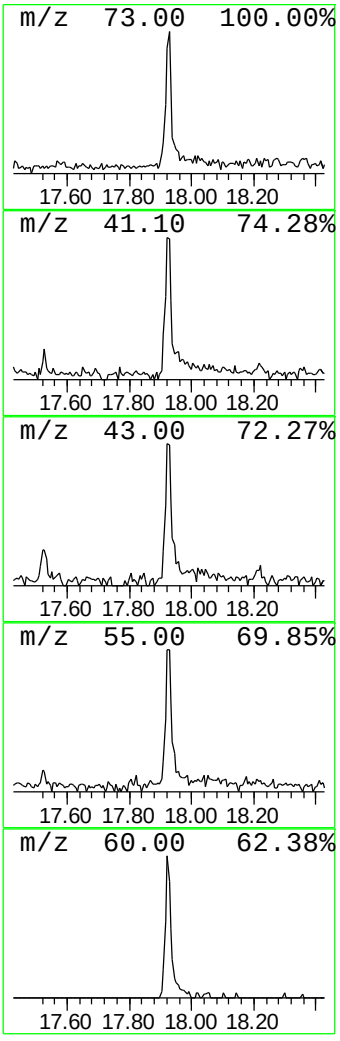
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.90 ng/ul	237447	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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ClientSampleId : DAJL8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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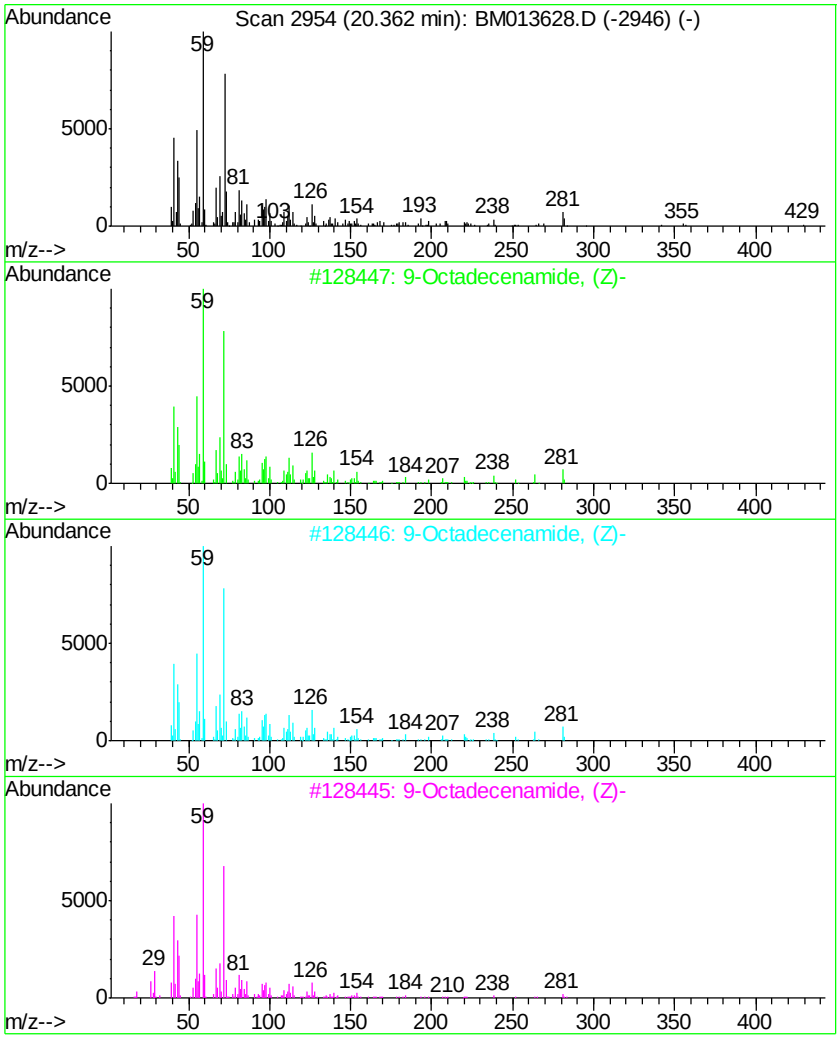
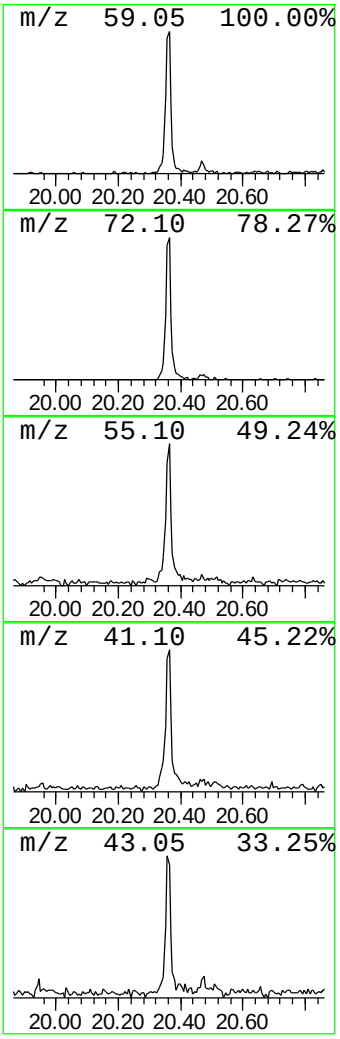
Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	4.98 ng/ul	491974	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	92
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
5	7-Nonenamide	155	C9H17NO	090949-53-4	72





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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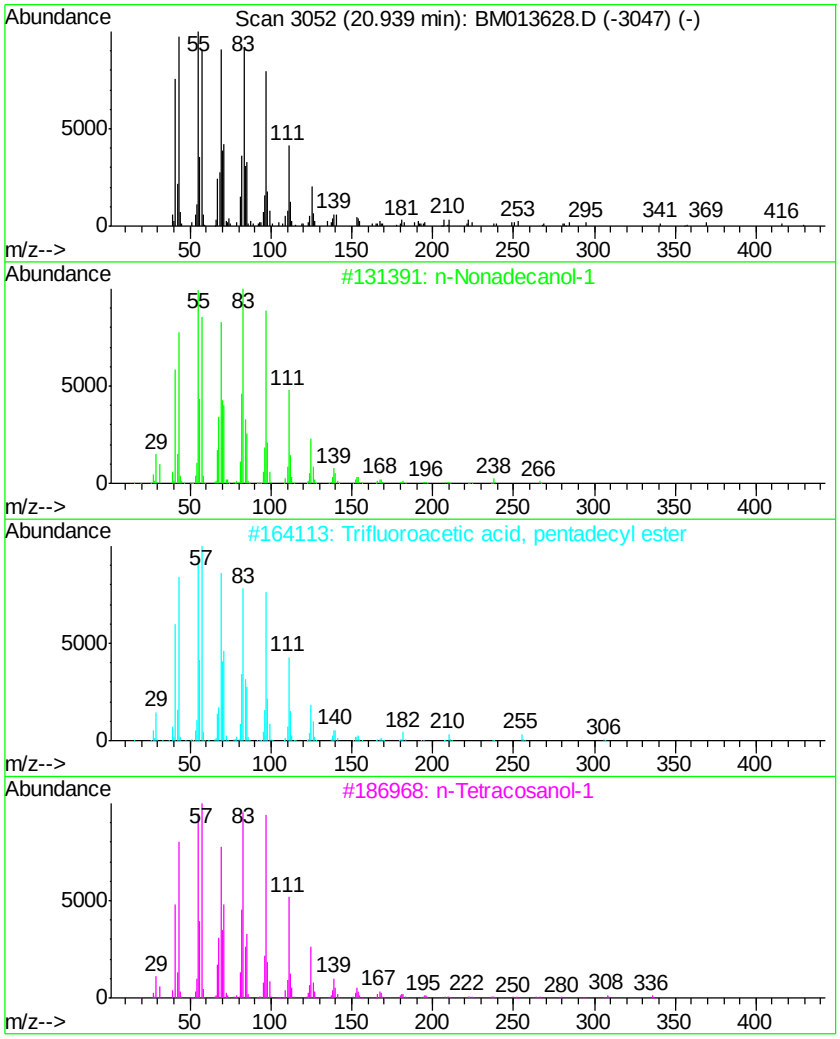
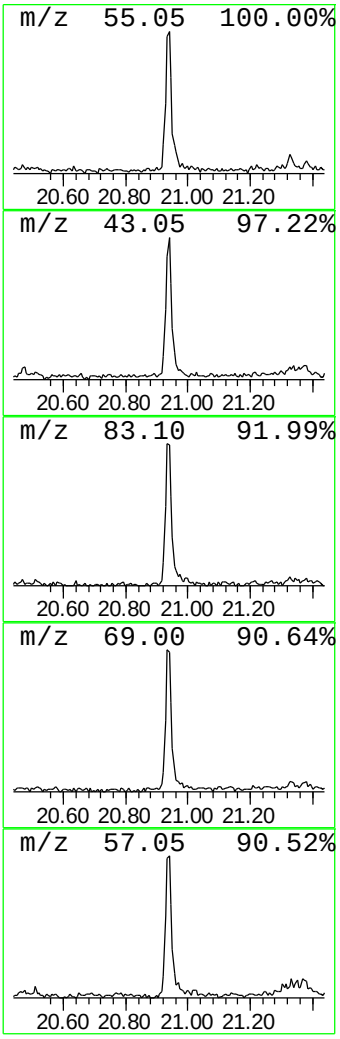
Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.70 ng/ul	464168	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
n-Hexadecanoic acid	17.93	2.9	ng/ul	237447	4	17.02	1637400	20.0
9-Octadecenamide,...	20.36	5.0	ng/ul	491974	5	21.22	1976420	20.0
n-Nonadecanol-1	20.94	4.7	ng/ul	464168	5	21.22	1976420	20.0