LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024513.D
Acq On : 18 Jan 2020 01:44
Operator : JU
Sample : L1109-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH4

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_M\METHODS\SOM-EPA-BM011520MA.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	3.064	26	30	37	rVB	42808	55952	0.85%	0.079%
2	3.340	74	77	81	rVB2	7843	11660	0.18%	0.016%
3	3.681	131	135	139	rVB	10727	15586	0.24%	0.022%
4	3.764	146	149	153	rVB4	6968	9105	0.14%	0.013%
5	4.646	295	299	306	rVB	9985	16459	0.25%	0.023%
6	6.646	633	639	652	rBV	807207	1311782	19.83%	1.849%
7	6.805	660	666	677	rBV	600115	901208	13.63%	1.270%
8	6.999	691	699	713	rVB	880669	1379116	20.85%	1.944%
9	7.457	770	777	786	rBV	827861	1250772	18.91%	1.763%
10	7.546	788	792	798	rVB7	6698	10773	0.16%	0.015%
11	8.163	891	897	912	rBV	1067638	1686150	25.49%	2.376%
12	8.593	963	970	982	rBV	895673	1419147	21.46%	2.000%
13	9.099	1049	1056	1062	rVB2	19512	30973	0.47%	0.044%
14	9.310	1085	1092	1101	rBV	793784	1260207	19.05%	1.776%
15	9.846	1175	1183	1196	rBV	1243000	1988029	30.06%	2.802%
16	10.216	1239	1246	1254	rBV	1174859	1878844	28.41%	2.648%
17	10.351	1262	1269	1283	rBV	1052352	1779675	26.91%	2.508%
18	11.816	1514	1518	1524	rVB2	18987	26344	0.40%	0.037%
19	13.034	1720	1725	1729	rBV3	13096	19975	0.30%	0.028%
20	13.528	1799	1809	1813	rBV	2434927	3329800	50.35%	4.693%
21	13.575	1813	1817	1823	rVB	592249	785203	11.87%	1.107%
22	13.792	1847	1854	1862	rBV	2590246	3870331	58.52%	5.454%
23	14.104	1900	1907	1916	rVV	2074350	2997680	45.33%	4.225%
24	14.316	1936	1943	1953	rBV	1016525	1541194	23.30%	2.172%
25	14.539	1977	1981	1989	rVB6	23209	39364	0.60%	0.055%
26	15.016	2056	2062	2065	rVV4	6861	8851	0.13%	0.012%
27	15.104	2070	2077	2088	rVV	3586076	4983471	75.35%	7.023%
28	15.222	2092	2097	2110	rVV	1033749	1415267	21.40%	1.995%
29	15.345	2113	2118	2123	rVV2	40190	52215	0.79%	0.074%
30	15.569	2152	2156	2160	rBV4	5688	8643	0.13%	0.012%
31	15.892	2205	2211	2218	rVB7	14676	26308	0.40%	0.037%
32	16.539	2317	2321	2326	rVB6	5152	9722	0.15%	0.014%
33	16.639	2333	2338	2340	rBV3	9880	14099	0.21%	0.020%
34	16.680	2340	2345	2347	rVB4	6550	10329	0.16%	0.015%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : GASH4

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_M\METHODS\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

35	16.851	2368	2374	2385	rBV	2768053	3818114	57.73%	5.381%
36	16.951	2385	2391	2405	rVV	4061499	5469487	82.70%	7.708%
37	17.069	2408	2411	2414	rBV4	13597	14419	0.22%	0.020%
38	17.280	2441	2447	2452	rVB4	20405	26299	0.40%	0.037%
39	17.798	2529	2535	2549	rBV	552859	811808	12.27%	1.144%
40	17.921	2553	2556	2561	rVB6	10047	19120	0.29%	0.027%
41	18.098	2583	2586	2592	rVB8	7450	11345	0.17%	0.016%
42	18.233	2607	2609	2612	rVV4	11299	11380	0.17%	0.016%
43	18.469	2647	2649	2654	rVB5	10518	9813	0.15%	0.014%
44	18.604	2669	2672	2676	rBV3	7885	10171	0.15%	0.014%
45	18.657	2676	2681	2688	rBV10	12987	24583	0.37%	0.035%
46	18.745	2693	2696	2700	rVB5	12499	14953	0.23%	0.021%
47	18.810	2706	2707	2712	rVB4	7618	8894	0.13%	0.013%
48	18.886	2716	2720	2725	rBV	44442	66096	1.00%	0.093%
49	18.933	2725	2728	2731	rVV5	10567	15820	0.24%	0.022%
50	18.968	2731	2734	2736	rVB3	10851	12214	0.18%	0.017%
51	19.086	2750	2754	2759	rBV2	212034	276041	4.17%	0.389%
52	19.139	2760	2763	2768	rVB	46712	63560	0.96%	0.090%
53	19.257	2776	2783	2791	rBV	4927720	6613717	100.00%	9.321%
54	19.827	2876	2880	2884	rBV4	36316	47131	0.71%	0.066%
55	19.868	2884	2887	2892	rVB4	20811	24093	0.36%	0.034%
56	20.227	2946	2948	2952	rVB5	13184	13449	0.20%	0.019%
57	20.815	3044	3048	3060	rBV	1344034	1674966	25.33%	2.361%
58	21.057	3084	3089	3098	rBV	3630707	4508552	68.17%	6.354%
59	21.268	3121	3125	3131	rBV2	155850	172044	2.60%	0.242%
60	21.692	3193	3197	3201	rBV2	273704	355148	5.37%	0.501%
61	22.127	3268	3271	3280	rVB	296627	438586	6.63%	0.618%
62	22.609	3349	3353	3357	rBV	343404	437286	6.61%	0.616%
63	23.045	3420	3427	3437	rVB	3484766	5844437	88.37%	8.236%
64	23.174	3439	3449	3457	rVB	2295170	4570783	69.11%	6.442%
65	23.745	3541	3546	3552	rBV	298304	494467	7.48%	0.697%
66	23.809	3552	3557	3564	rVB2	275529	509024	7.70%	0.717%
67	24.439	3659	3664	3670	rVB2	214471	425869	6.44%	0.600%

Sum of corrected areas: 70957903

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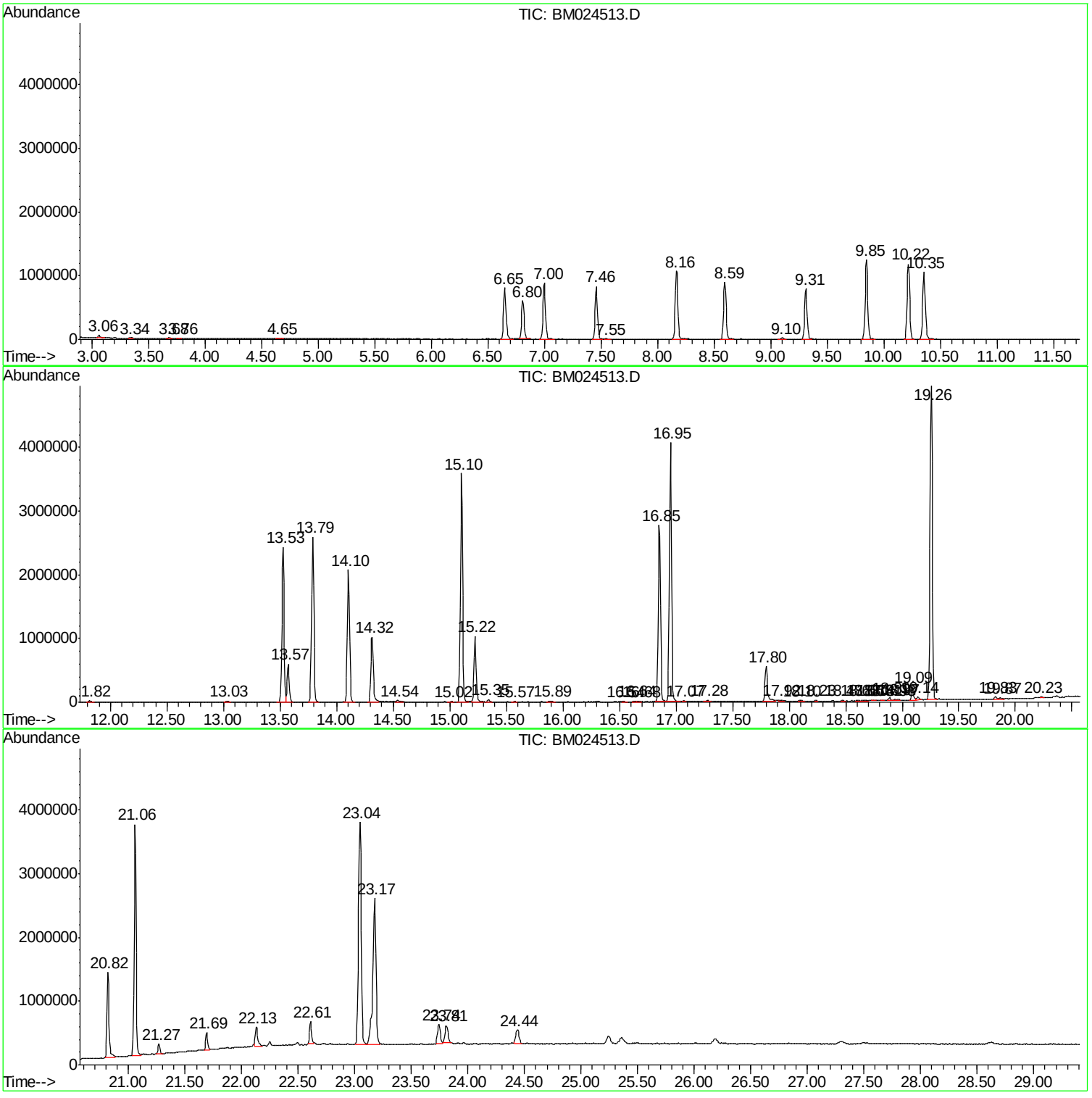
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : JU
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Quant Title : SVOA CALIBRATION

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

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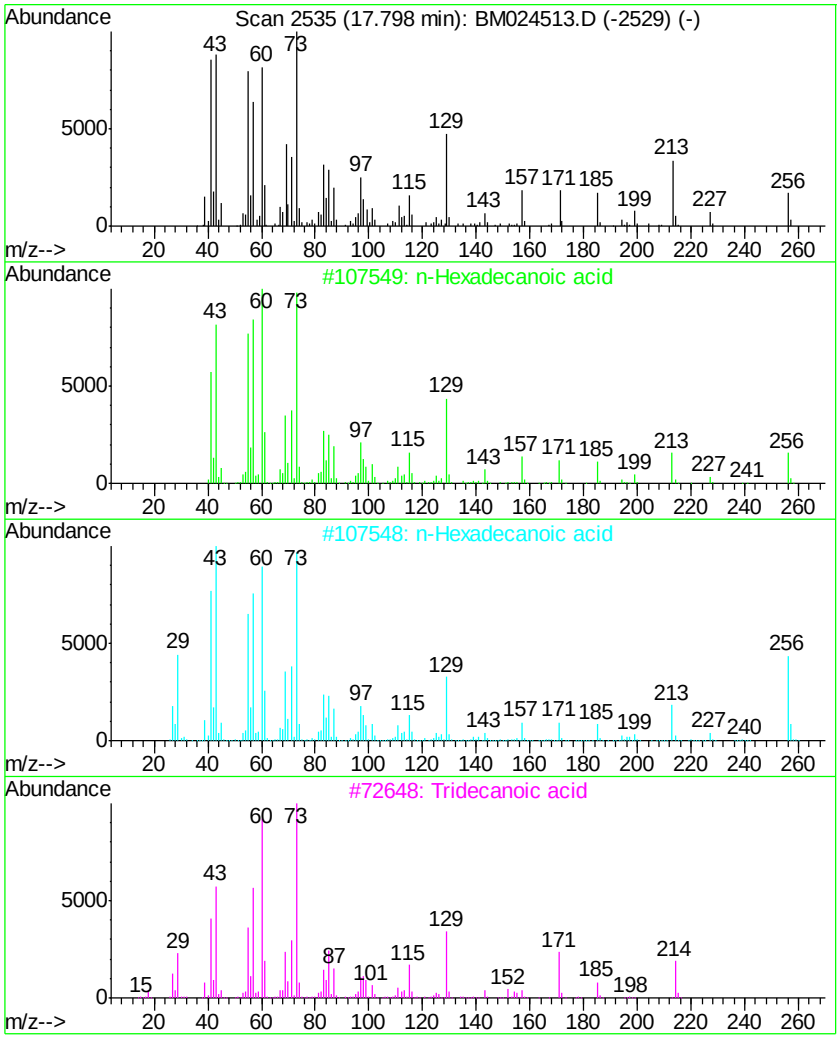
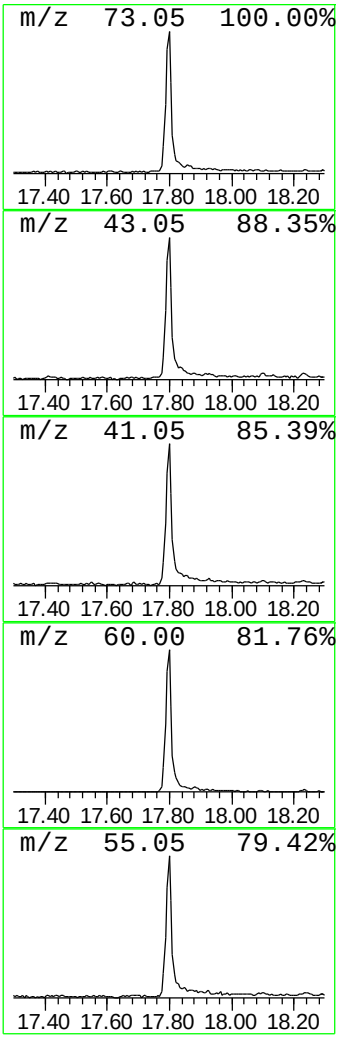
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	4.25 ng/ul	811808	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

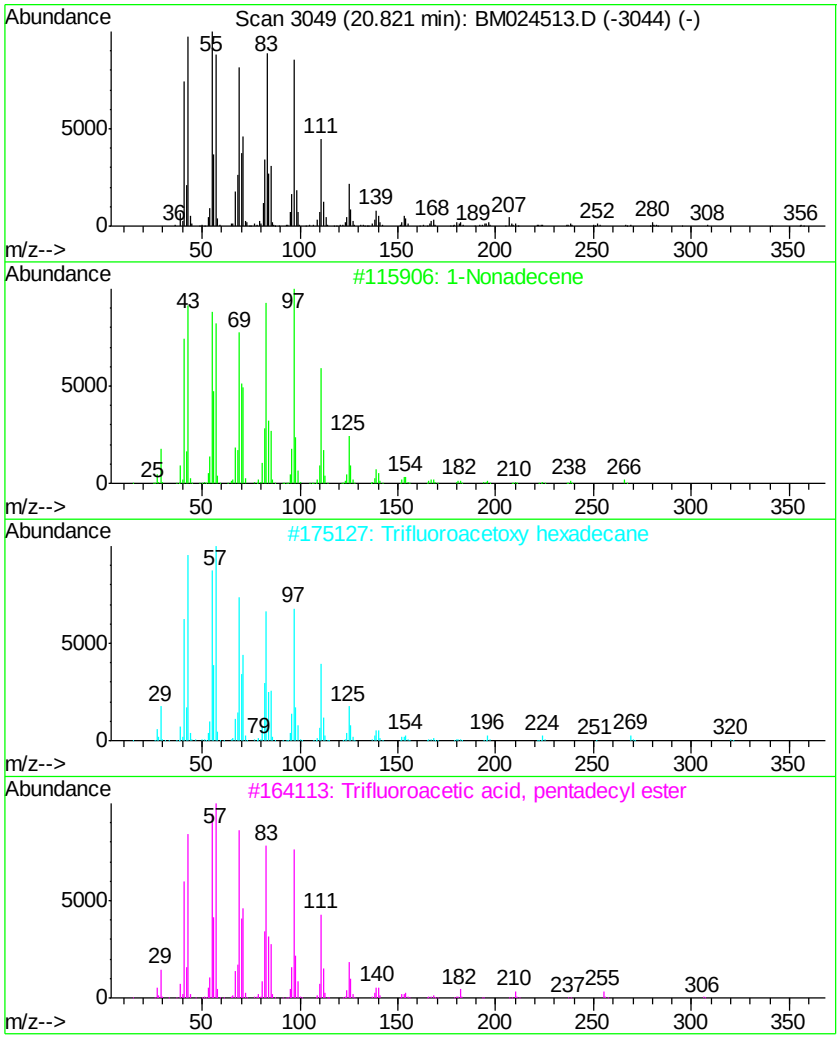
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

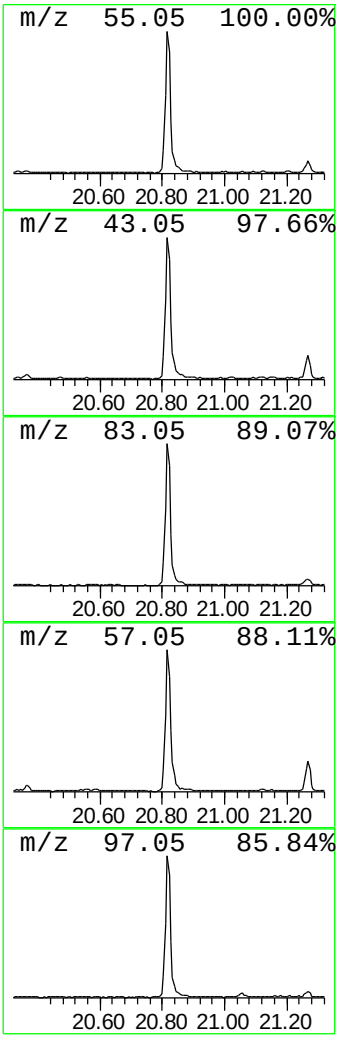
****

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	7.43 ng/ul	1674970	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : GASH4

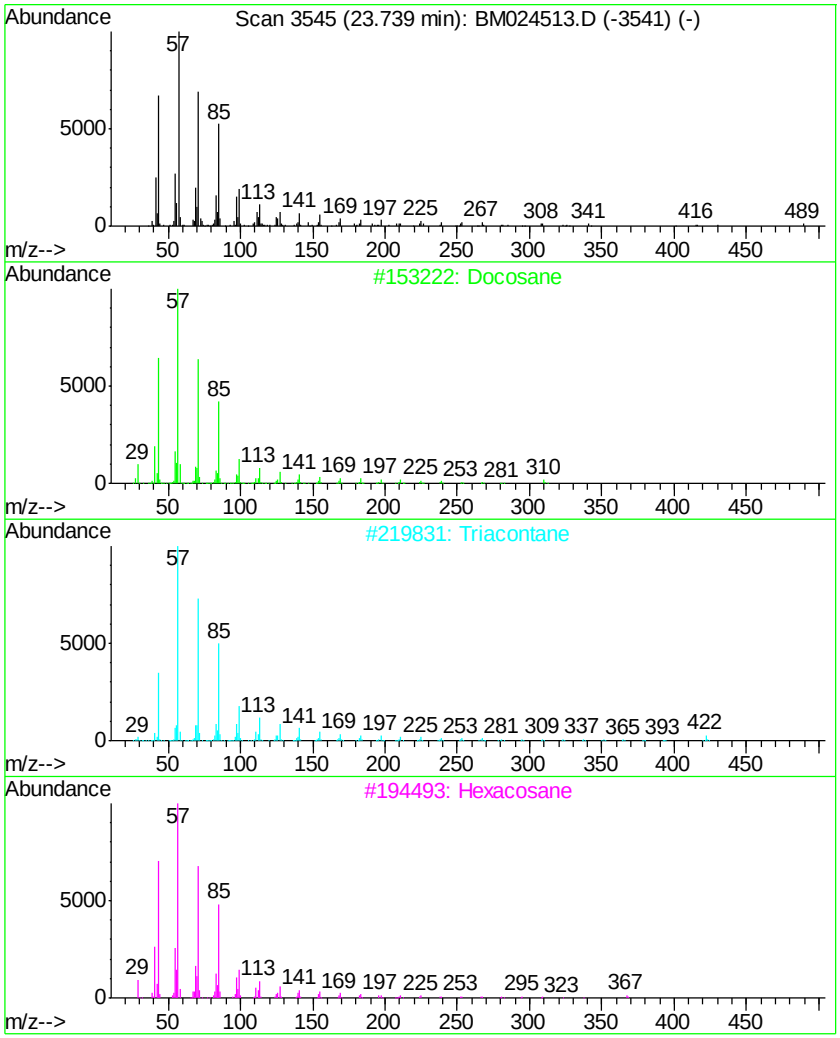
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

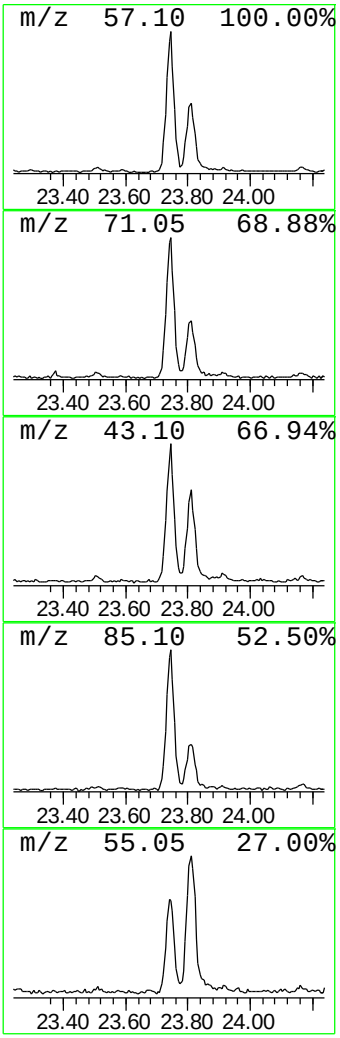
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.16 ng/ul	494467	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Instrument : BNA_M
ClientSampleId : GASH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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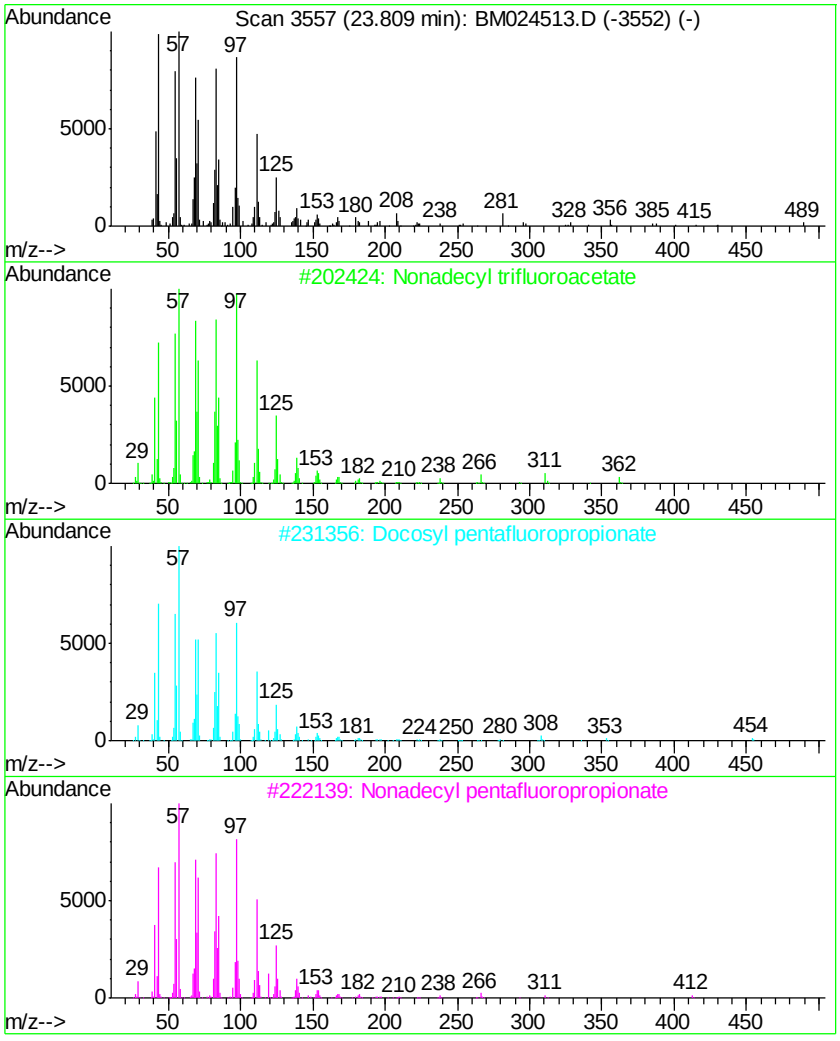
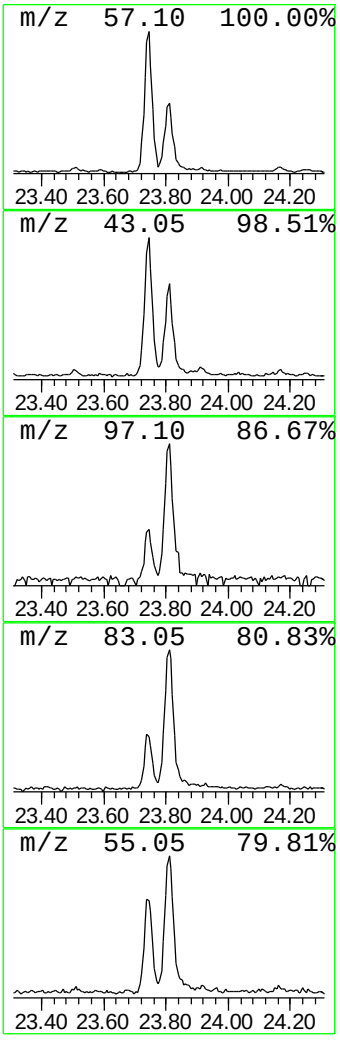
Peak Number 4 Nonadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.23 ng/ul	509024	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	95
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	93





Tentatively Identified Compound (LSC) summary

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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	17.80	4.3	ng/ul	811808	4	16.85	3818110	20.0
(DEL) Alkane: Cyc...	20.82	7.4	ng/ul	1674970	5	21.06	4508550	20.0
(DEL) Alkane: Str...	23.74	2.2	ng/ul	494467	6	23.17	4570780	20.0
Nonadecyl trifluo...	23.81	2.2	ng/ul	509024	6	23.17	4570780	20.0