LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118315.D
Acq On : 26 Dec 2019 14:36
Operator : JU
Sample : K6421-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	499	503	515	rVB	272931	327993	10.53%	1.231%
2	5.457	569	573	589	rBV	1936480	1809760	58.11%	6.793%
3	6.481	743	747	762	rBV	1901746	2003298	64.33%	7.519%
4	6.616	766	770	774	rBV	2570146	2092205	67.18%	7.853%
5	6.845	806	809	819	rBV	731828	646032	20.74%	2.425%
6	7.004	832	836	849	rBV	2059715	1653648	53.10%	6.207%
7	7.410	901	905	922	rBV	1331150	1211855	38.91%	4.549%
8	8.134	1025	1028	1036	rBV	952798	842035	27.04%	3.161%
9	9.210	1208	1211	1223	rBV	2884613	2583324	82.95%	9.696%
10	9.610	1276	1279	1288	rVB	112494	102819	3.30%	0.386%
11	9.898	1324	1328	1331	rBV	1114379	1040262	33.40%	3.905%
12	9.928	1331	1333	1339	rVB	59703	50187	1.61%	0.188%
13	10.686	1458	1462	1478	rBV	2059521	1801499	57.85%	6.762%
14	10.798	1478	1481	1490	rVB5	21163	36455	1.17%	0.137%
15	11.386	1578	1581	1584	rBV	1295535	1168653	37.53%	4.387%
16	11.410	1584	1585	1590	rVV	385201	276335	8.87%	1.037%
17	11.463	1590	1594	1598	rVB	90176	102573	3.29%	0.385%
18	11.622	1614	1621	1627	rBV2	32833	53170	1.71%	0.200%
19	11.916	1668	1671	1678	rVB2	149815	189871	6.10%	0.713%
20	12.004	1683	1686	1689	rBV	65576	70418	2.26%	0.264%
21	12.610	1785	1789	1793	rBV	461717	450633	14.47%	1.691%
22	12.704	1802	1805	1810	rBV4	28884	40298	1.29%	0.151%
23	12.839	1822	1828	1834	rBV	420091	465985	14.96%	1.749%
24	12.980	1845	1852	1855	rBV	3454582	3114235	100.00%	11.689%
25	13.057	1861	1865	1869	rBV2	28193	43708	1.40%	0.164%
26	13.169	1881	1884	1887	rVB	58517	50114	1.61%	0.188%
27	13.233	1892	1895	1898	rBV	47131	35657	1.14%	0.134%
28	13.269	1898	1901	1904	rBV2	40347	44443	1.43%	0.167%
29	13.545	1945	1948	1951	rBV2	39042	36780	1.18%	0.138%
30	13.680	1964	1971	1975	rBV	33385	52773	1.69%	0.198%
31	13.868	2000	2003	2015	rVB3	263185	422560	13.57%	1.586%
32	14.039	2027	2032	2035	rBV2	1163917	1188639	38.17%	4.462%
33	14.063	2035	2036	2043	rVB	192015	170131	5.46%	0.639%
34	14.145	2048	2050	2053	rVB	39613	33894	1.09%	0.127%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.192	2055	2058	2065	rBV	75346	83156	2.67%	0.312%
36	14.433	2094	2099	2101	rBV	38360	43692	1.40%	0.164%
37	14.498	2107	2110	2114	rBV2	81954	104828	3.37%	0.393%
38	14.810	2160	2163	2166	rBV	71254	67545	2.17%	0.254%
39	15.092	2207	2211	2214	rBV	158074	231431	7.43%	0.869%
40	15.151	2218	2221	2227	rVB2	77867	95570	3.07%	0.359%
41	15.204	2227	2230	2232	rBV2	36534	44095	1.42%	0.166%
42	15.398	2260	2263	2269	rVB	76986	96133	3.09%	0.361%
43	15.463	2270	2274	2280	rVV	157119	189729	6.09%	0.712%
44	15.527	2280	2285	2298	rVB	742056	1027670	33.00%	3.857%
45	15.974	2356	2361	2367	rBV2	58634	100554	3.23%	0.377%
46	16.492	2446	2449	2454	rVB2	29799	41178	1.32%	0.155%
47	17.021	2533	2539	2547	rBV2	56073	124517	4.00%	0.467%
48	17.098	2547	2552	2557	rVB8	19400	42672	1.37%	0.160%
49	17.198	2565	2569	2576	rBV7	18344	45072	1.45%	0.169%
50	17.480	2610	2617	2624	rBV2	40903	91785	2.95%	0.345%

Sum of corrected areas: 26641869

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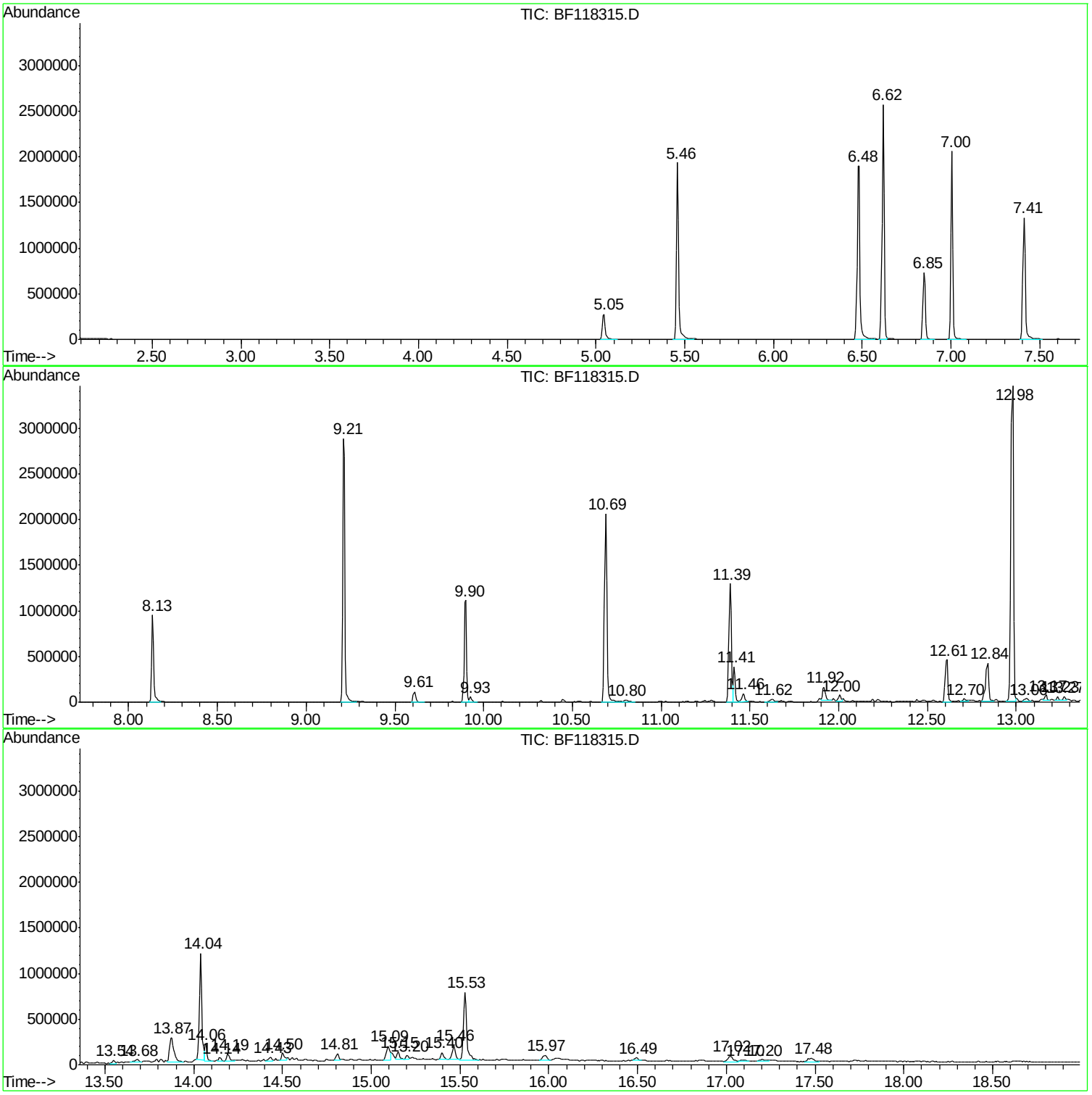
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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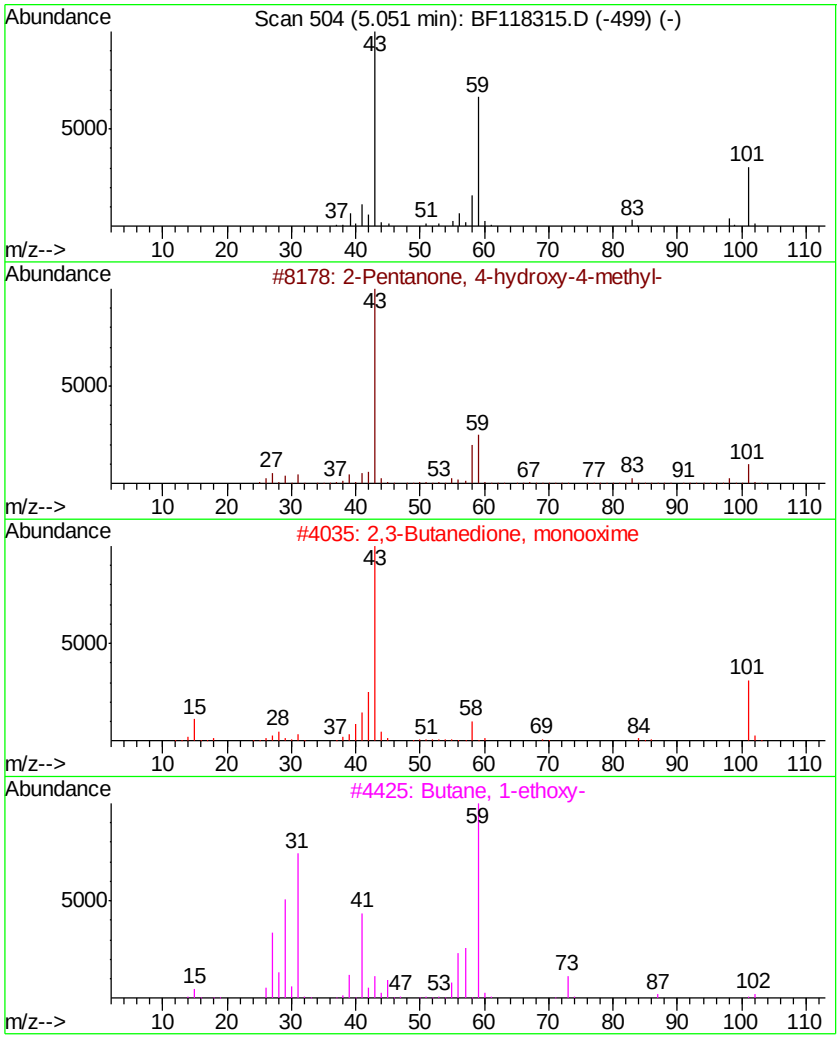
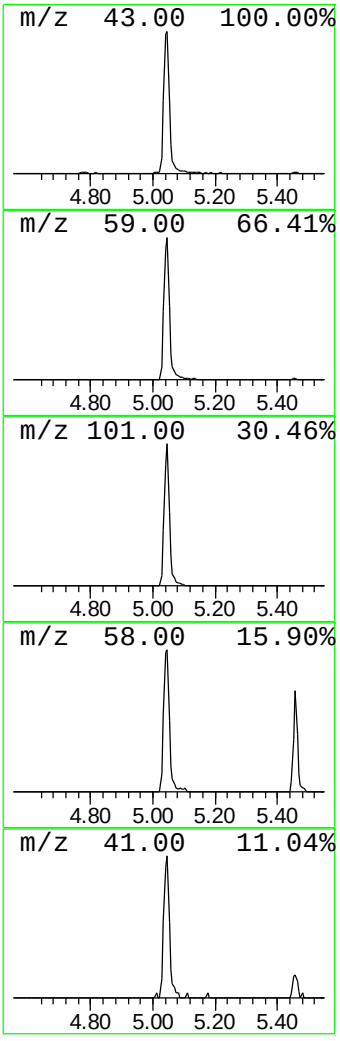
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.15 ng	327993	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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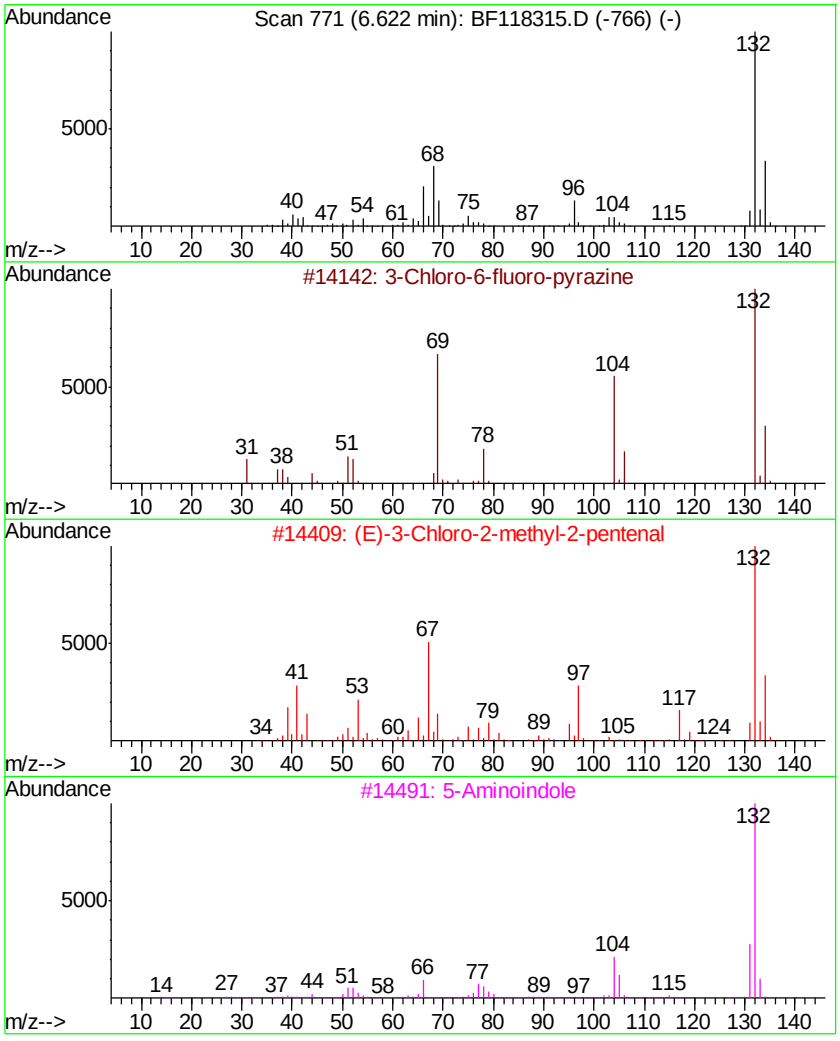
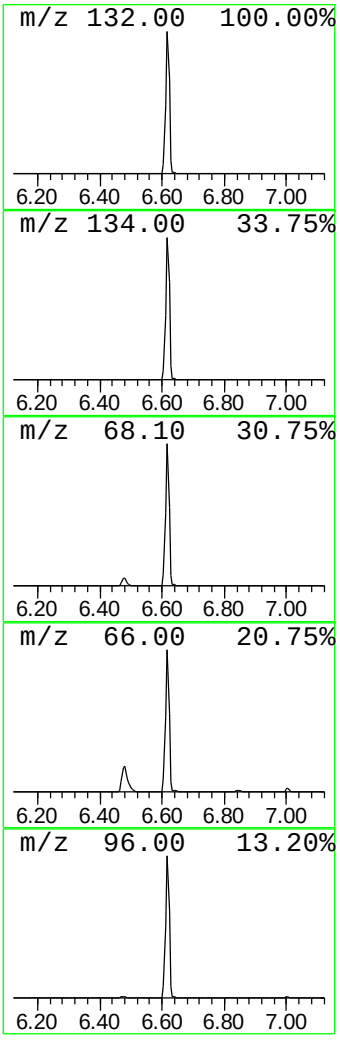
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.77 ng	2092210	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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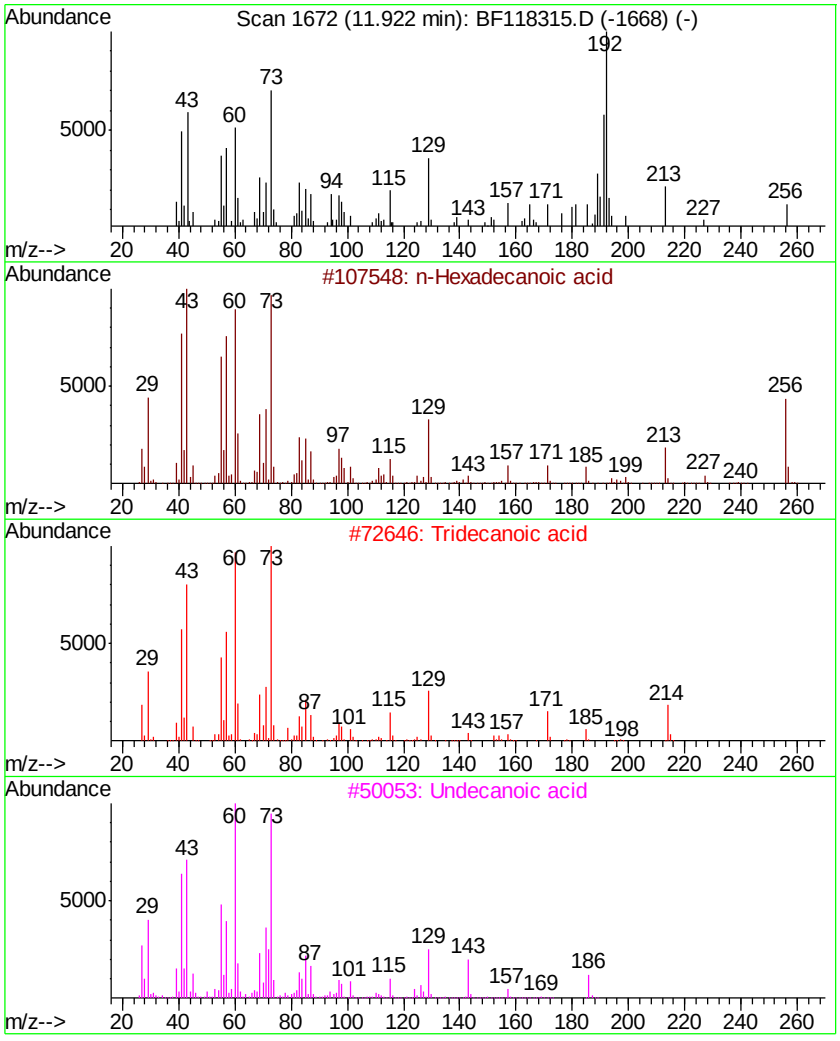
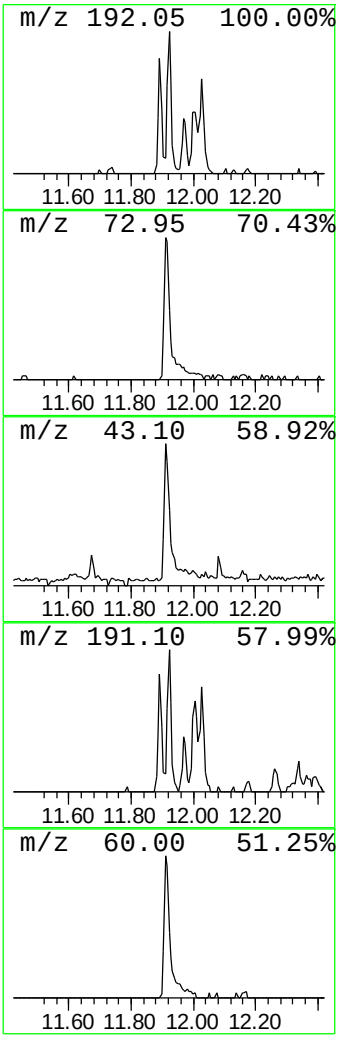
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.25 ng	189871	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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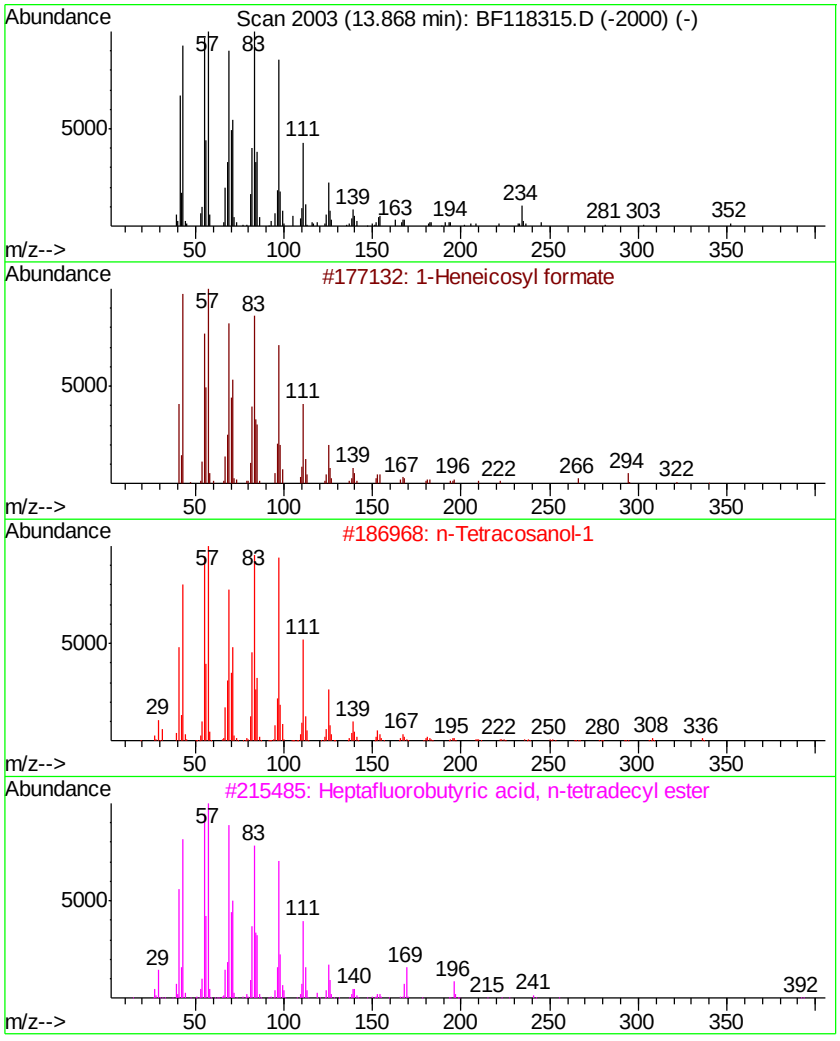
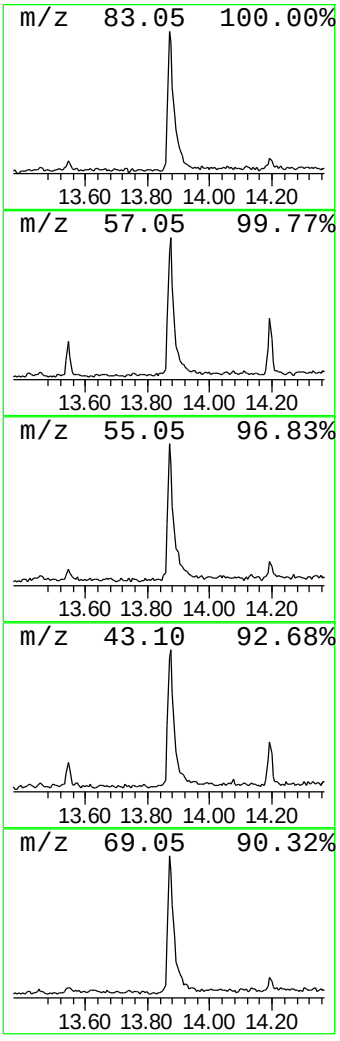
Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.11 ng	422560	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	10.2	ng	327993	1	6.85	646032	20.0
unknown6.62	6.62	64.8	ng	2092210	1	6.85	646032	20.0
n-Hexadecanoic acid	11.92	3.3	ng	189871	4	11.39	1168650	20.0
1-Heneicosyl formate	13.87	7.1	ng	422560	5	14.04	1188640	20.0