LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118273.D
Acq On : 18 Dec 2019 21:54
Operator : JU
Sample : K6357-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PF-05

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-BF120619.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	5.063	502	506	519	rVB	279707	331103	13.09%	1.605%
2	5.475	572	576	595	rBV	1893313	1759516	69.54%	8.529%
3	6.492	744	749	761	rBV	2003603	1923807	76.04%	9.325%
4	6.628	768	772	776	rBV	2419752	2038563	80.57%	9.881%
5	6.857	808	811	819	rBV	657906	554215	21.91%	2.686%
6	7.016	834	838	841	rBV	1980571	1608098	63.56%	7.795%
7	7.422	903	907	919	rBV	1321669	1174719	46.43%	5.694%
8	8.145	1026	1030	1051	rBV	777785	714539	28.24%	3.464%
9	9.222	1209	1213	1228	rBV	2800435	2474152	97.79%	11.993%
10	9.622	1278	1281	1292	rBV	88185	92793	3.67%	0.450%
11	9.904	1326	1329	1344	rBV	854732	831719	32.87%	4.032%
12	10.698	1460	1464	1482	rBV	1637511	1585897	62.68%	7.687%
13	11.404	1580	1584	1594	rBV	790460	839971	33.20%	4.072%
14	11.922	1669	1672	1692	rBV	102604	132492	5.24%	0.642%
15	12.992	1850	1854	1857	rBV	2943615	2530059	100.00%	12.264%
16	13.886	2002	2006	2017	rBV	170139	253655	10.03%	1.230%
17	14.051	2031	2034	2045	rBV	620032	647798	25.60%	3.140%
18	14.204	2057	2060	2063	rBV	42726	35610	1.41%	0.173%
19	14.510	2109	2112	2115	rBV	58960	49595	1.96%	0.240%
20	14.821	2162	2165	2170	rVB	68074	64455	2.55%	0.312%
21	14.898	2174	2178	2181	rBV	52739	50456	1.99%	0.245%
22	15.168	2220	2224	2228	rBV	65184	72484	2.86%	0.351%
23	15.545	2283	2288	2299	rBV	471732	708495	28.00%	3.434%
24	15.998	2360	2365	2371	rBV	47199	69947	2.76%	0.339%
25	16.068	2372	2377	2384	rBV9	14608	35120	1.39%	0.170%
26	16.509	2447	2452	2461	rBV4	27107	51206	2.02%	0.248%

Sum of corrected areas: 20630464

LSC Report - Integrated Chromatogram

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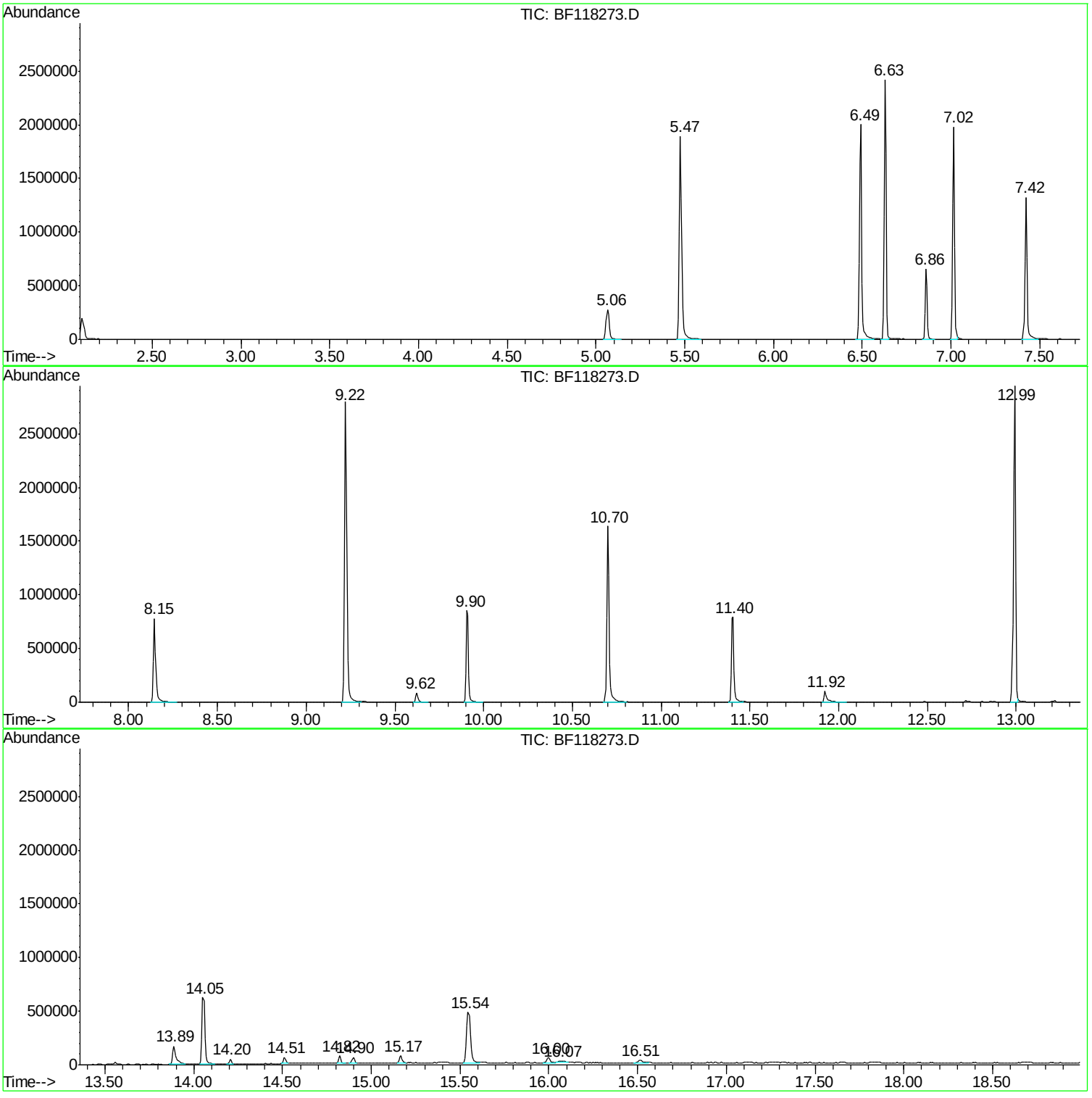
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PF-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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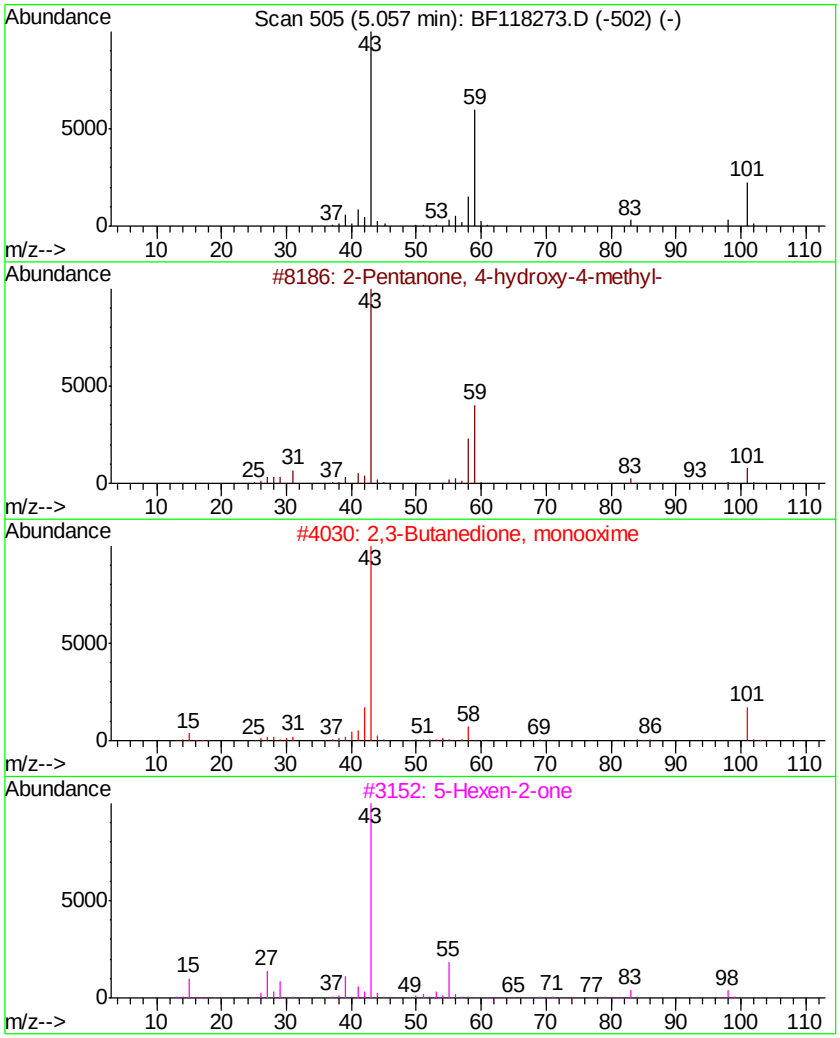
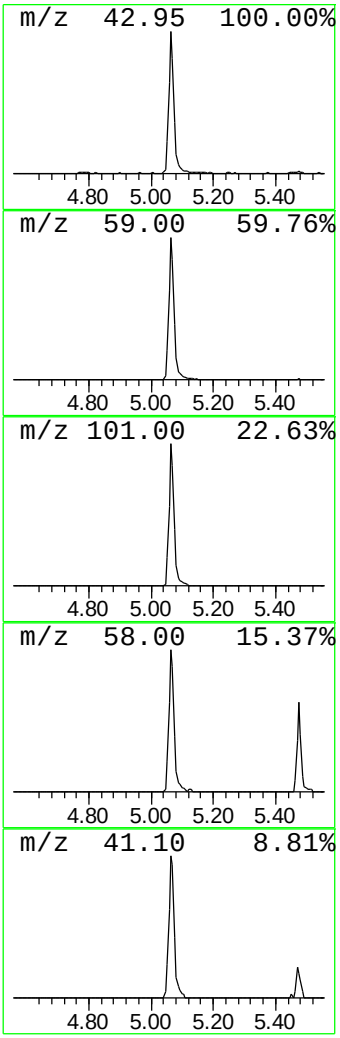
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	11.95 ng	331103	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PF-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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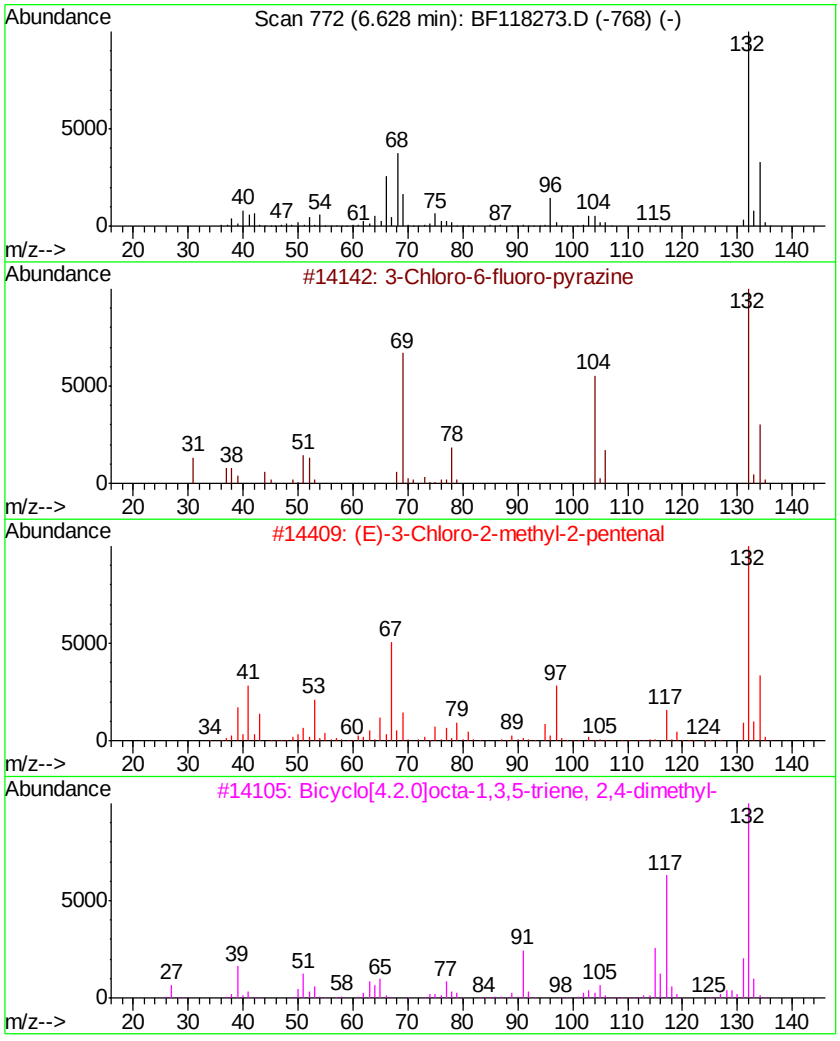
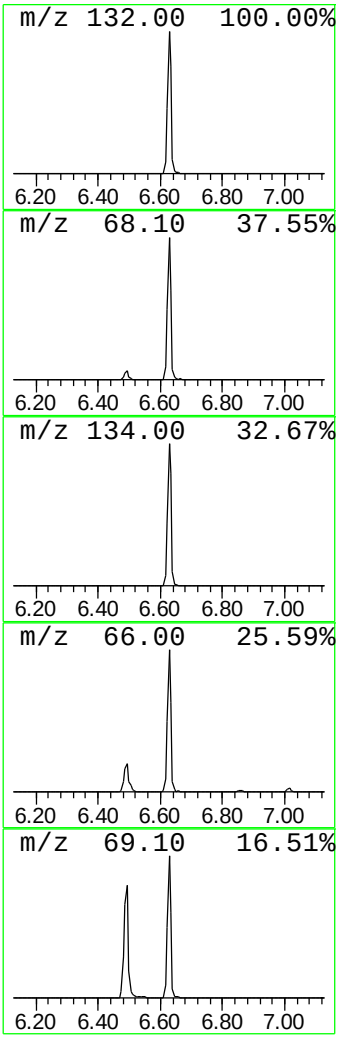
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	73.57 ng	2038560	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ClientSampleId : PF-05

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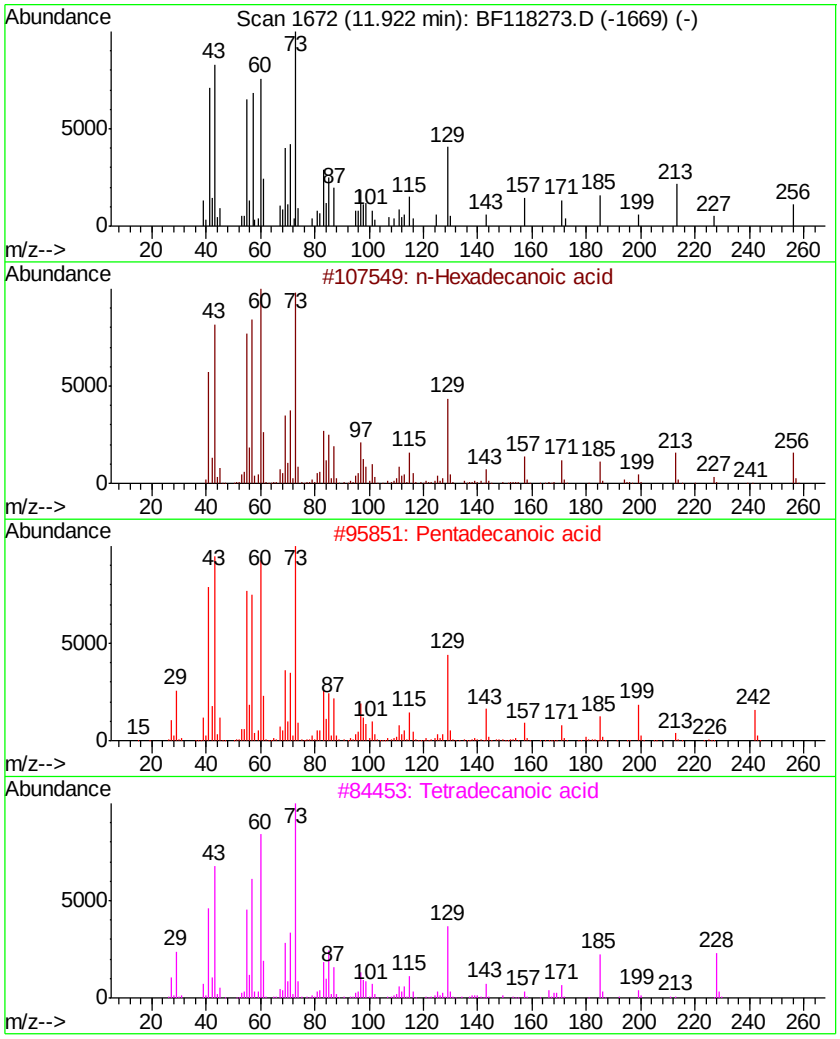
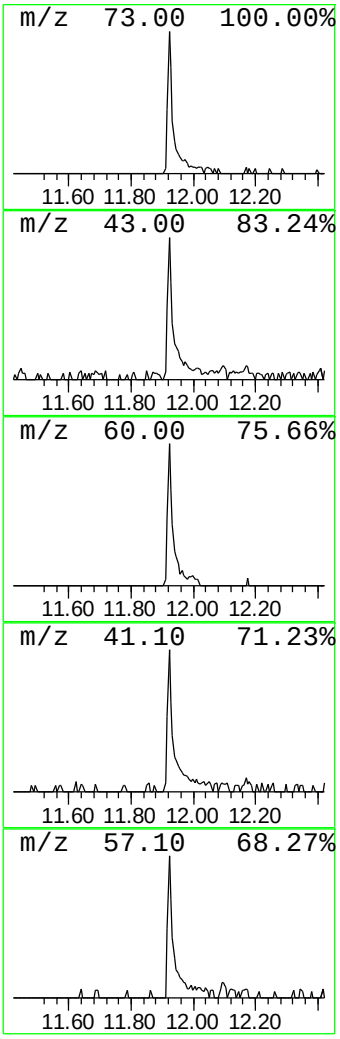
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.15 ng	132492	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	11





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Instrument : BNA_F
ClientSampleId : PF-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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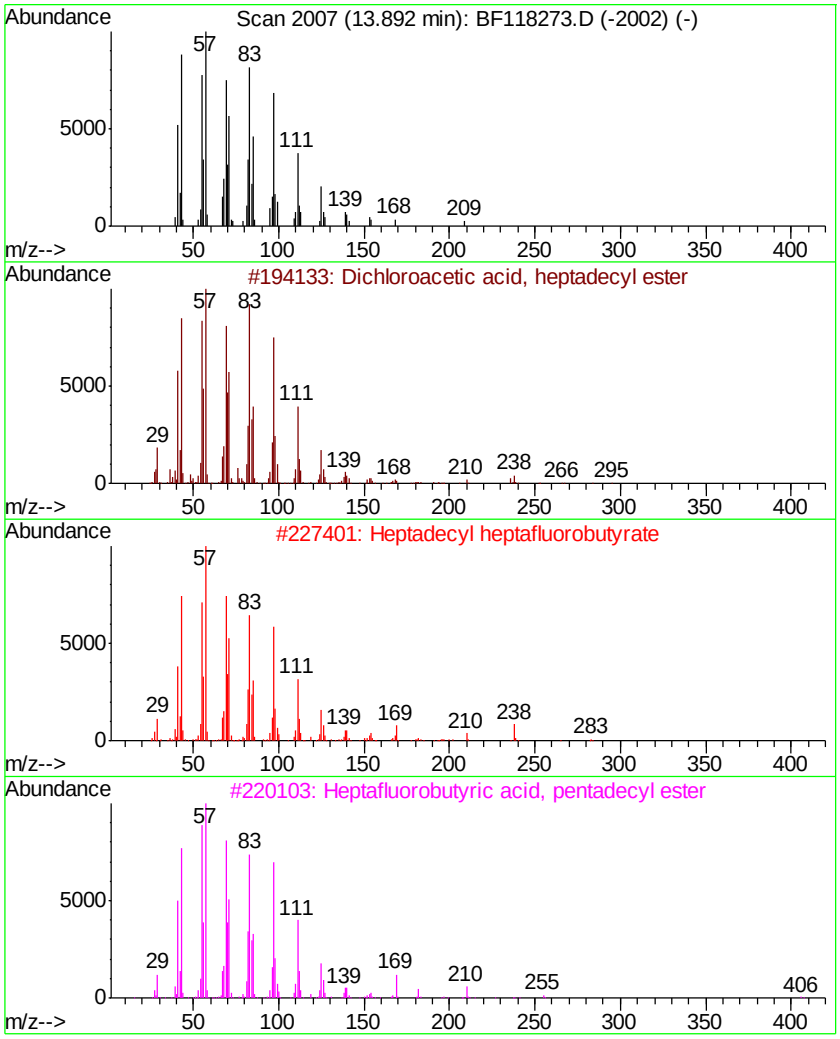
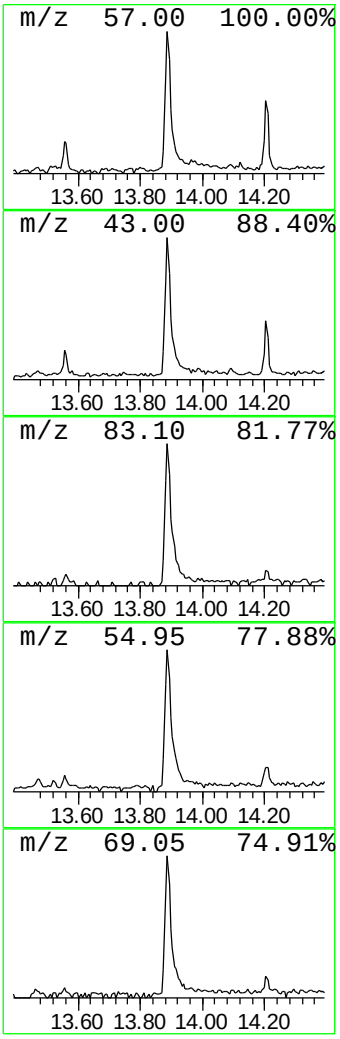
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.83 ng	253655	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	Behenic alcohol	326	C22H46O	000661-19-8	87





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : PF-05

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

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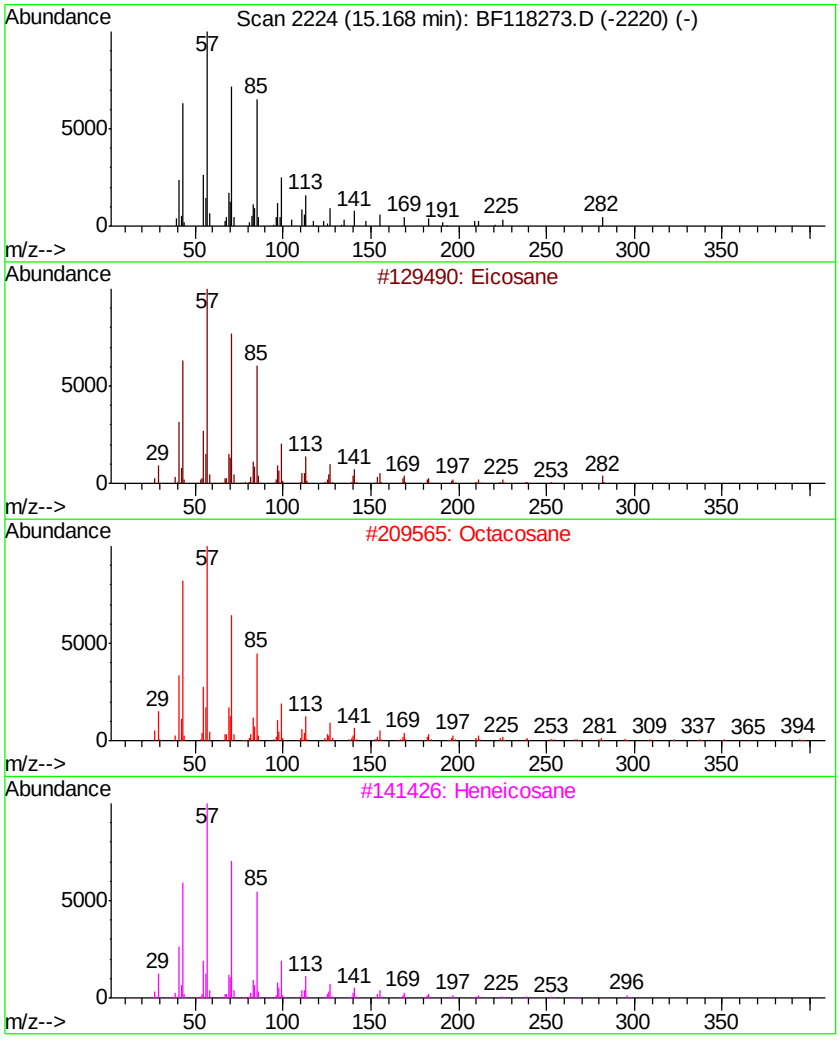
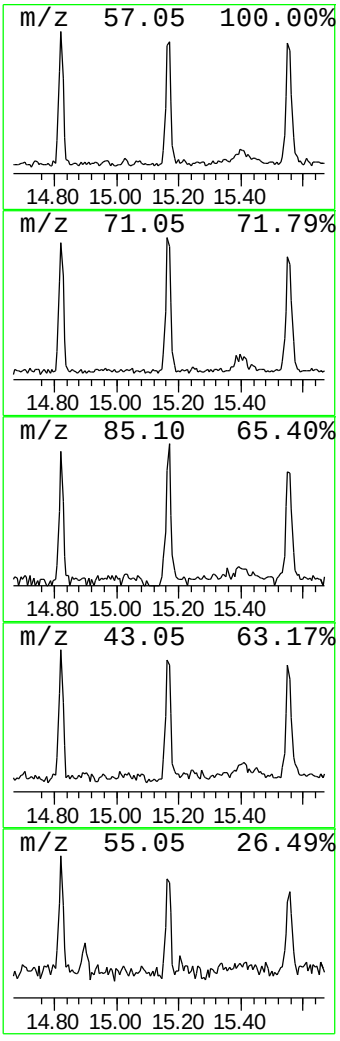
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.05 ng	72484	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	11.9	ng	331103	1	6.86	554215	20.0
unknown6.63	6.63	73.6	ng	2038560	1	6.86	554215	20.0
n-Hexadecanoic acid	11.92	3.1	ng	132492	4	11.40	839971	20.0
Dichloroacetic ac...	13.89	7.8	ng	253655	5	14.05	647798	20.0
Eicosane	15.17	2.0	ng	72484	6	15.54	708495	20.0