LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118241.D
Acq On : 17 Dec 2019 22:12
Operator : JU
Sample : K6324-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-10

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	2.128	3	7	16	rVB	277698	366206	14.96%	1.628%
2	5.069	503	507	516	rBV	314024	374683	15.31%	1.666%
3	5.481	572	577	598	rBV	2131068	2154113	88.00%	9.577%
4	6.493	744	749	768	rBV	2420395	2290587	93.57%	10.183%
5	6.628	768	772	776	rBV	2677788	2433030	99.39%	10.817%
6	6.857	808	811	818	rBV	875462	710971	29.04%	3.161%
7	7.016	834	838	841	rBV	2249885	1852537	75.68%	8.236%
8	7.422	903	907	910	rBV	1463837	1318186	53.85%	5.860%
9	8.145	1026	1030	1048	rBV	1036186	905279	36.98%	4.025%
10	9.222	1209	1213	1225	rBV	2688393	2447939	100.00%	10.883%
11	9.622	1277	1281	1291	rBV	197194	197974	8.09%	0.880%
12	9.910	1326	1330	1341	rBV	1093288	967623	39.53%	4.302%
13	10.698	1461	1464	1481	rBV	1473535	1434420	58.60%	6.377%
14	11.404	1580	1584	1592	rBV	805016	812457	33.19%	3.612%
15	11.922	1669	1672	1680	rBV	124429	135306	5.53%	0.602%
16	12.716	1803	1807	1812	rBV3	16925	25947	1.06%	0.115%
17	12.992	1850	1854	1857	rBV	2007526	1880474	76.82%	8.360%
18	13.886	2002	2006	2019	rBV	248757	364269	14.88%	1.619%
19	14.051	2031	2034	2043	rBV	707809	751736	30.71%	3.342%
20	14.204	2057	2060	2069	rBV2	31612	48525	1.98%	0.216%
21	14.516	2109	2113	2115	rBV	46630	63065	2.58%	0.280%
22	14.821	2162	2165	2170	rVB	53266	55810	2.28%	0.248%
23	14.898	2175	2178	2182	rVB	29794	31997	1.31%	0.142%
24	15.168	2220	2224	2228	rVB	55667	63236	2.58%	0.281%
25	15.545	2283	2288	2300	rBV	473938	704559	28.78%	3.132%
26	16.004	2362	2366	2372	rVB3	44536	64262	2.63%	0.286%
27	16.521	2450	2454	2458	rBV3	25809	38015	1.55%	0.169%

Sum of corrected areas: 22493206

LSC Report - Integrated Chromatogram

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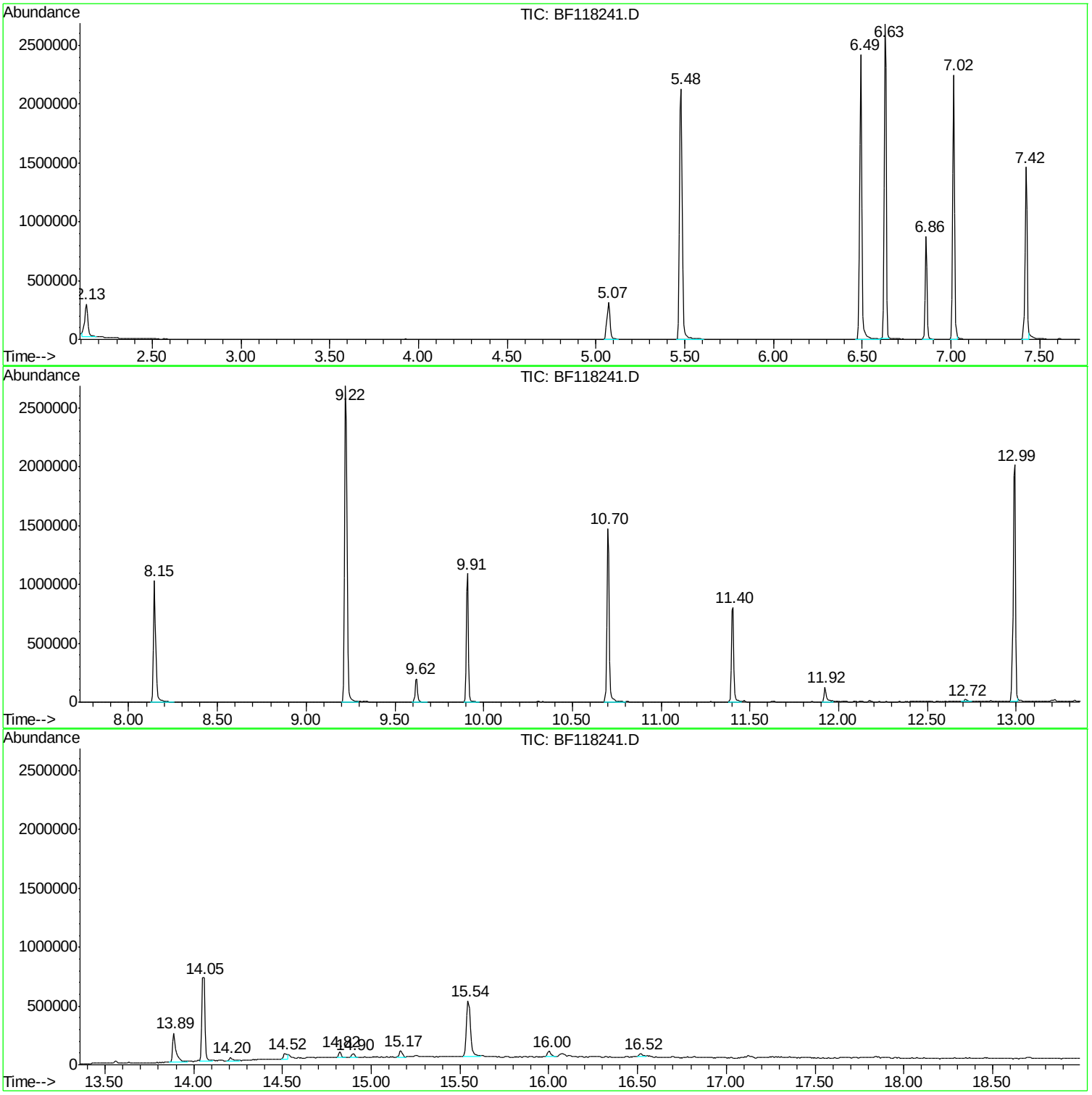
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-10

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



Library Search Compound Report

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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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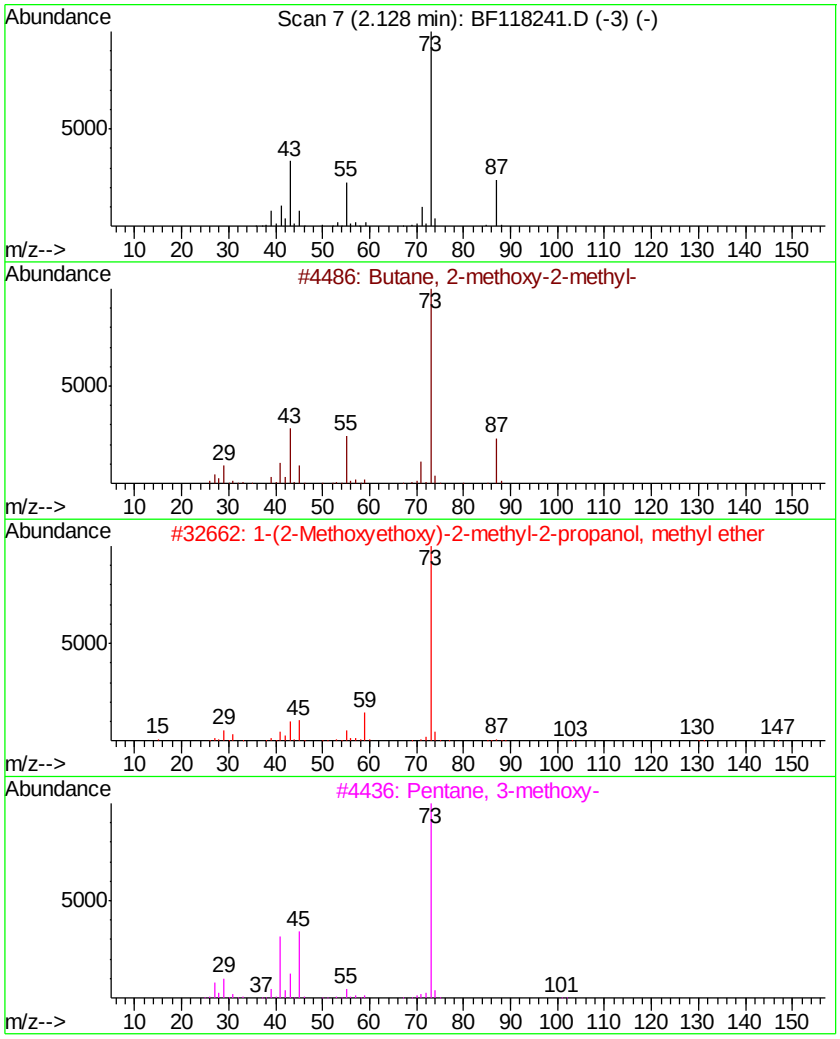
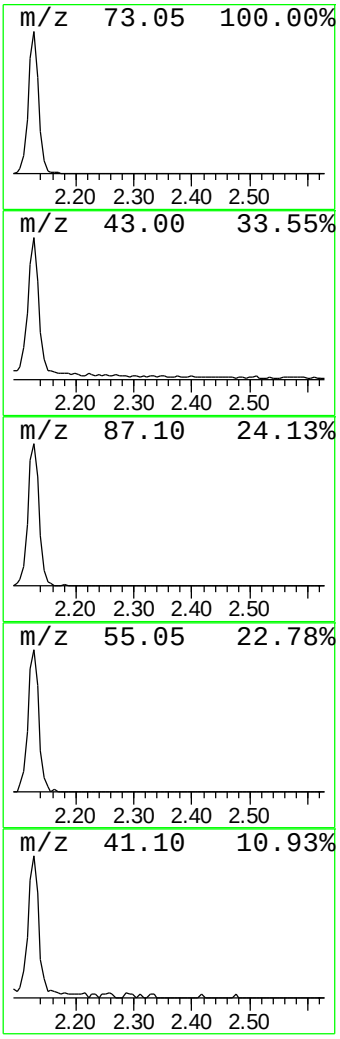
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	10.30 ng	366206	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : EP-10

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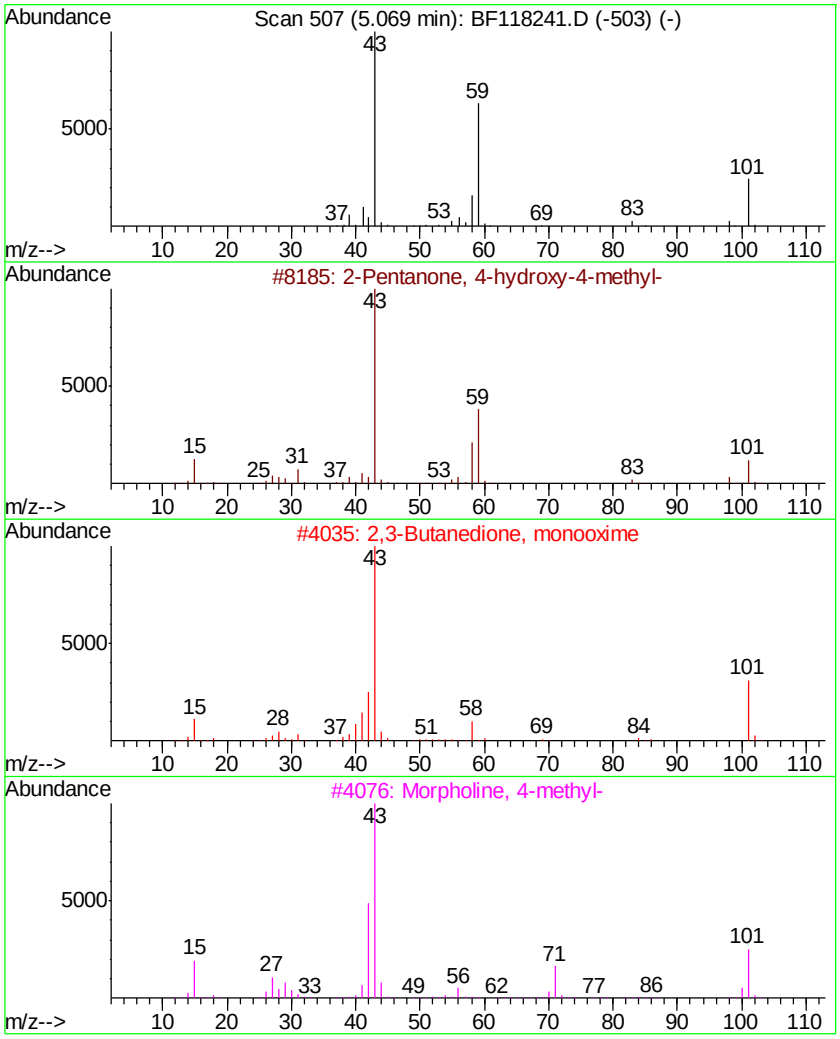
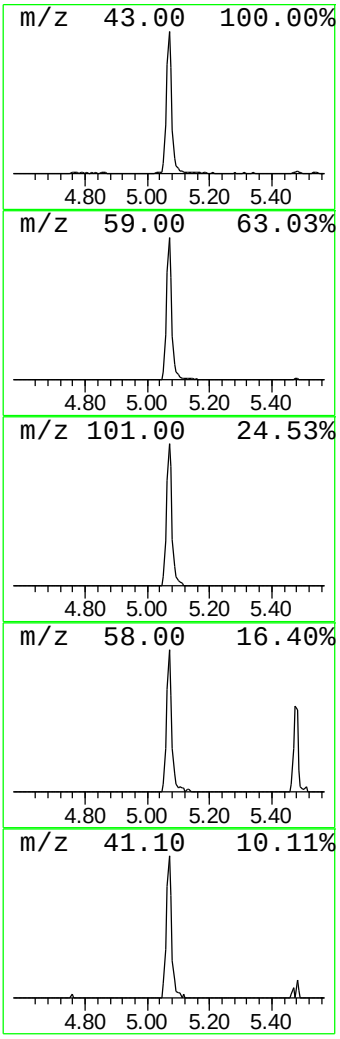
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	10.54 ng	374683	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	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	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





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Sample : K6324-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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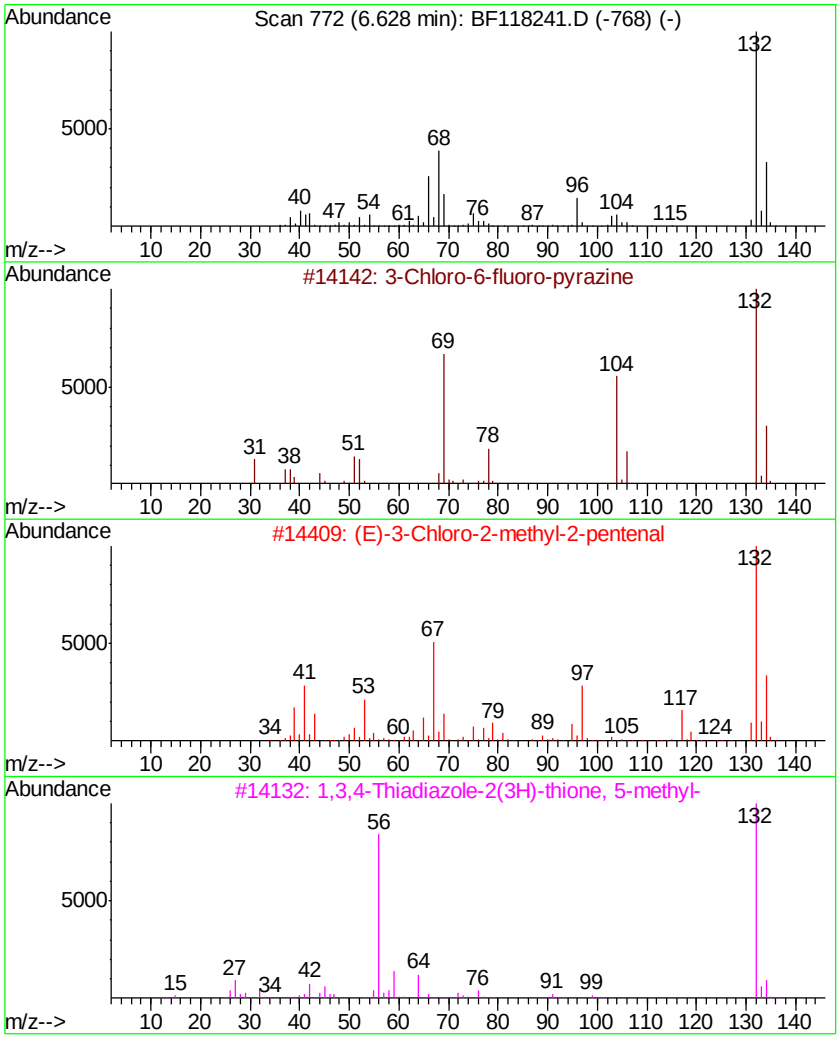
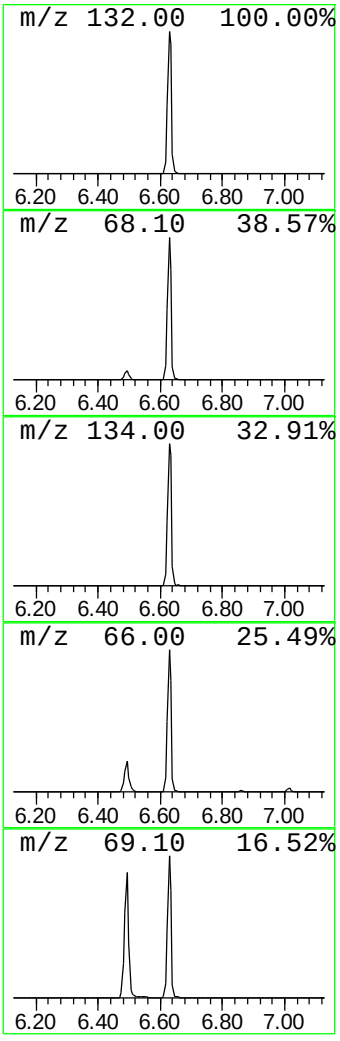
Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	68.44 ng	2433030	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : EP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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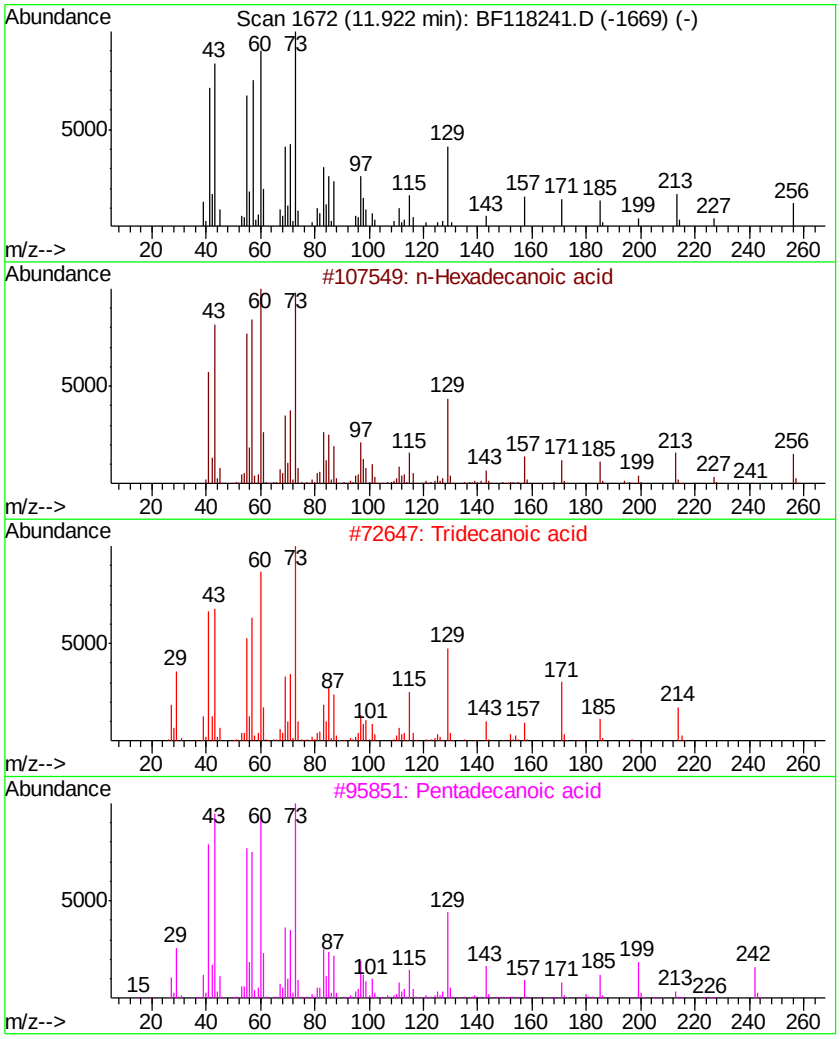
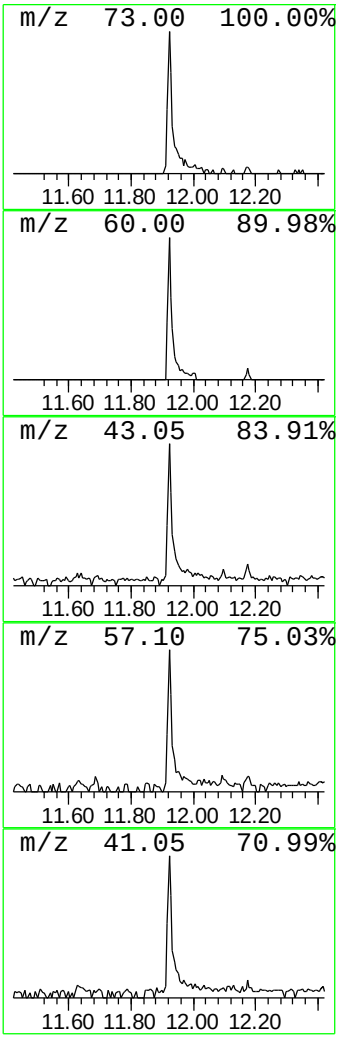
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.33 ng	135306	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-10

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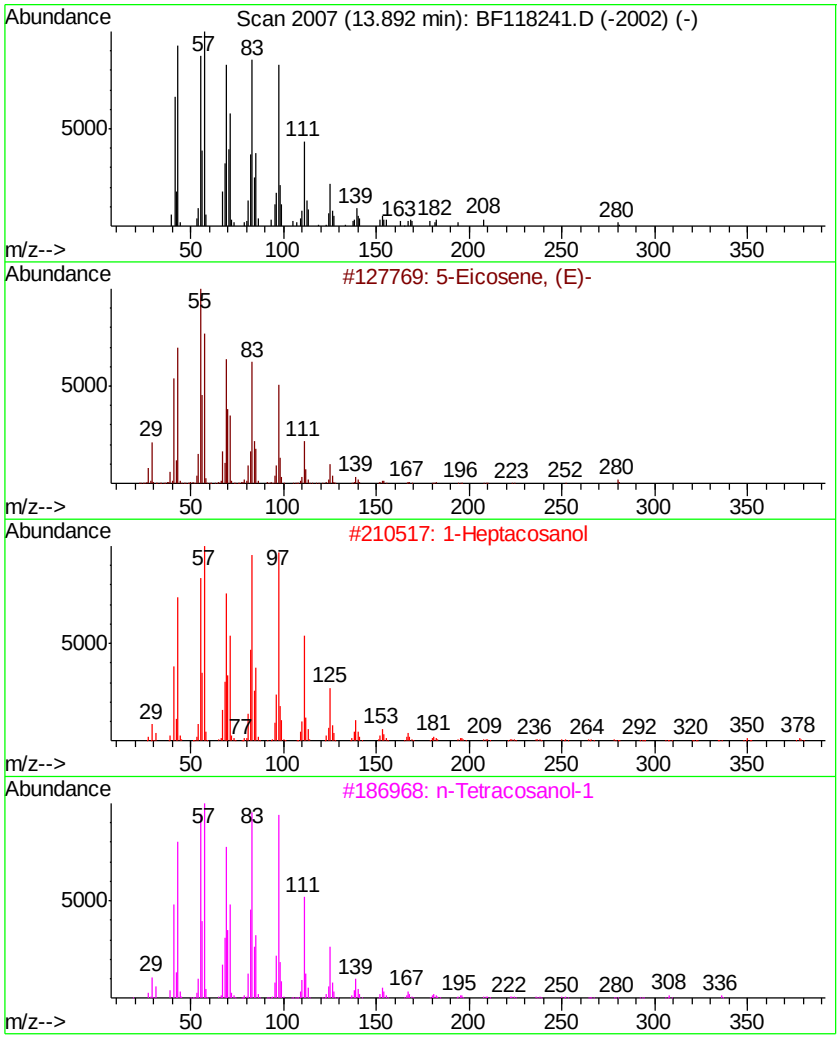
TIC Integration Parameters: LSCINT.P

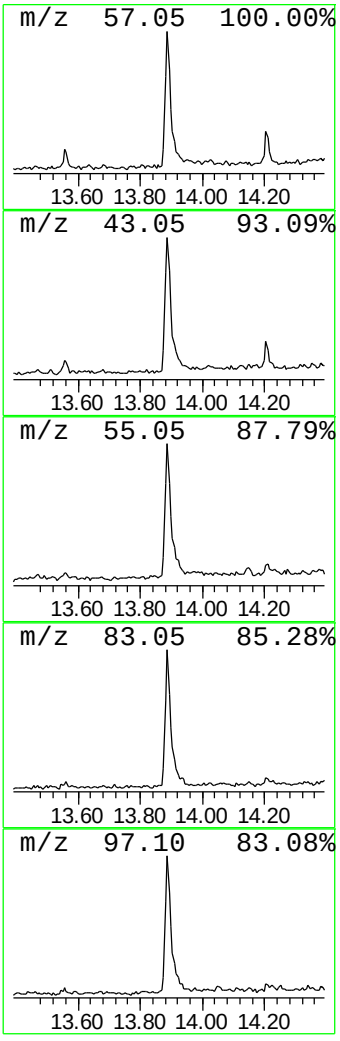
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.69 ng	364269	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	10.3	ng	366206	1	6.86	710971	20.0
2-Pentanone, 4-hy...	5.07	10.5	ng	374683	1	6.86	710971	20.0
unknown6.63	6.63	68.4	ng	2433030	1	6.86	710971	20.0
n-Hexadecanoic acid	11.92	3.3	ng	135306	4	11.40	812457	20.0
5-Eicosene, (E)-	13.89	9.7	ng	364269	5	14.06	751736	20.0