LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117864.D
Acq On : 19 Nov 2019 17:25
Operator : JU
Sample : K5904-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(4-6)

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-BF111319.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	2.210	15	21	27	rVB	540029	675500	17.58%	1.722%
2	5.128	509	517	523	rBV	533771	575754	14.98%	1.468%
3	5.528	580	585	588	rBV	3324837	2964274	77.15%	7.558%
4	6.534	751	756	766	rBV	3618896	3444891	89.66%	8.783%
5	6.681	777	781	784	rBV	3844834	3369748	87.70%	8.591%
6	6.916	817	821	824	rBV	2048489	1639292	42.66%	4.180%
7	7.069	843	847	851	rBV	3011744	2688347	69.97%	6.854%
8	7.475	911	916	919	rBV	2446361	2078499	54.09%	5.299%
9	8.204	1036	1040	1043	rBV	2721861	2268801	59.05%	5.785%
10	9.280	1218	1223	1226	rBV	4943724	3842348	100.00%	9.796%
11	9.675	1286	1290	1293	rBV	260050	211759	5.51%	0.540%
12	9.963	1335	1339	1343	rBV	2885008	2694306	70.12%	6.869%
13	10.751	1469	1473	1477	rBV	2214434	1893086	49.27%	4.827%
14	11.457	1589	1593	1596	rBV	2990787	2436857	63.42%	6.213%
15	13.045	1859	1863	1865	rBV	3645392	3107015	80.86%	7.922%
16	13.063	1865	1866	1870	rVB	405562	259959	6.77%	0.663%
17	13.968	2013	2020	2027	rBV6	89560	270713	7.05%	0.690%
18	14.104	2039	2043	2047	rVB	2158188	1876616	48.84%	4.785%
19	14.268	2067	2071	2075	rBV2	70804	73474	1.91%	0.187%
20	14.574	2119	2123	2128	rBV	99046	105272	2.74%	0.268%
21	14.892	2173	2177	2184	rVB2	146753	167036	4.35%	0.426%
22	15.245	2233	2237	2241	rBV	162341	172973	4.50%	0.441%
23	15.615	2294	2300	2303	rBV	1391783	1844791	48.01%	4.703%
24	15.645	2303	2305	2311	rVB	156051	177271	4.61%	0.452%
25	16.104	2378	2383	2389	rBV	116902	186534	4.85%	0.476%
26	16.639	2469	2474	2481	rVB2	64637	120536	3.14%	0.307%
27	17.268	2577	2581	2589	rVB4	35536	76348	1.99%	0.195%

Sum of corrected areas: 39222000

LSC Report - Integrated Chromatogram

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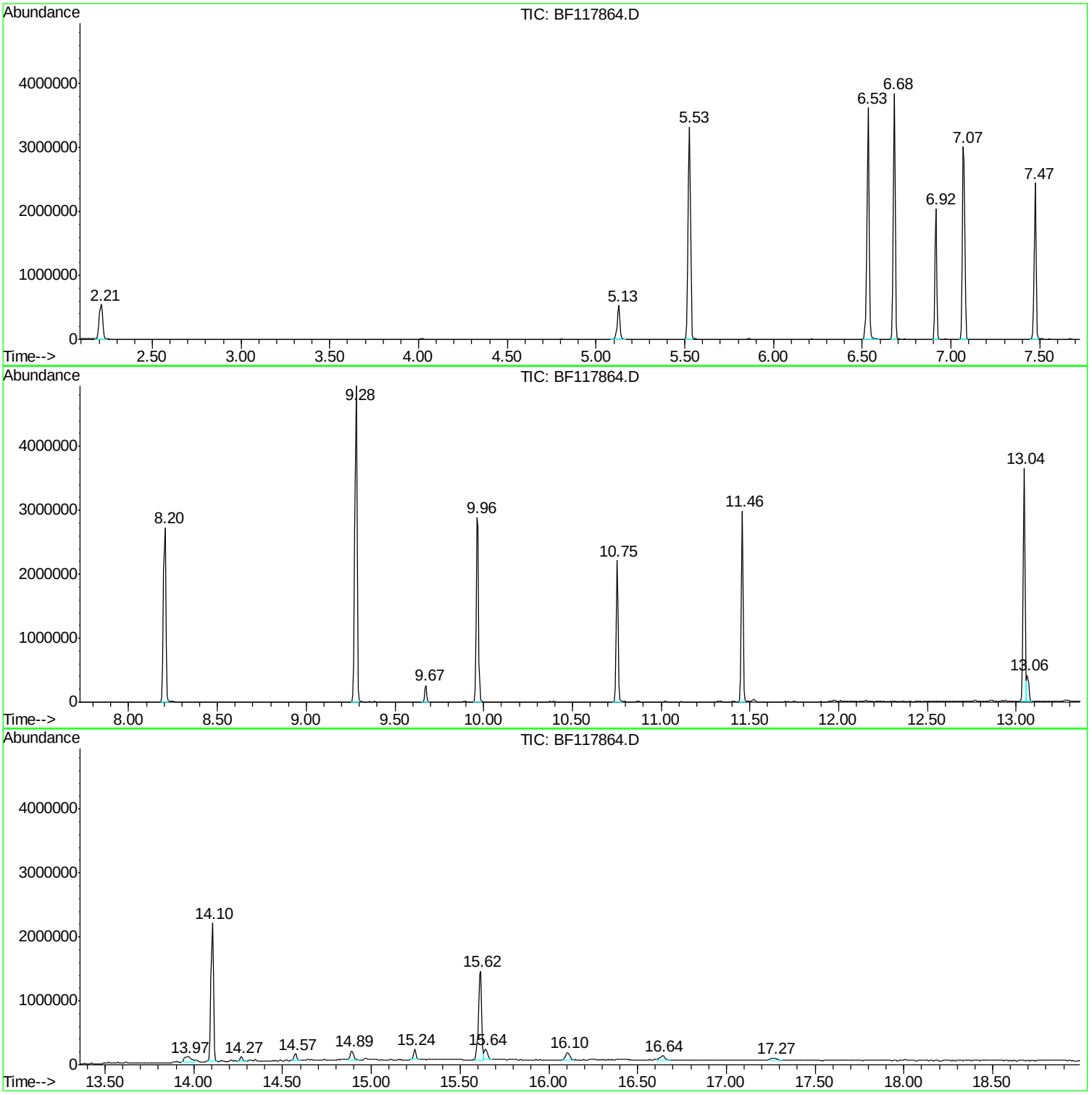
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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Acq On : 19 Nov 2019 17:25
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Sample : K5904-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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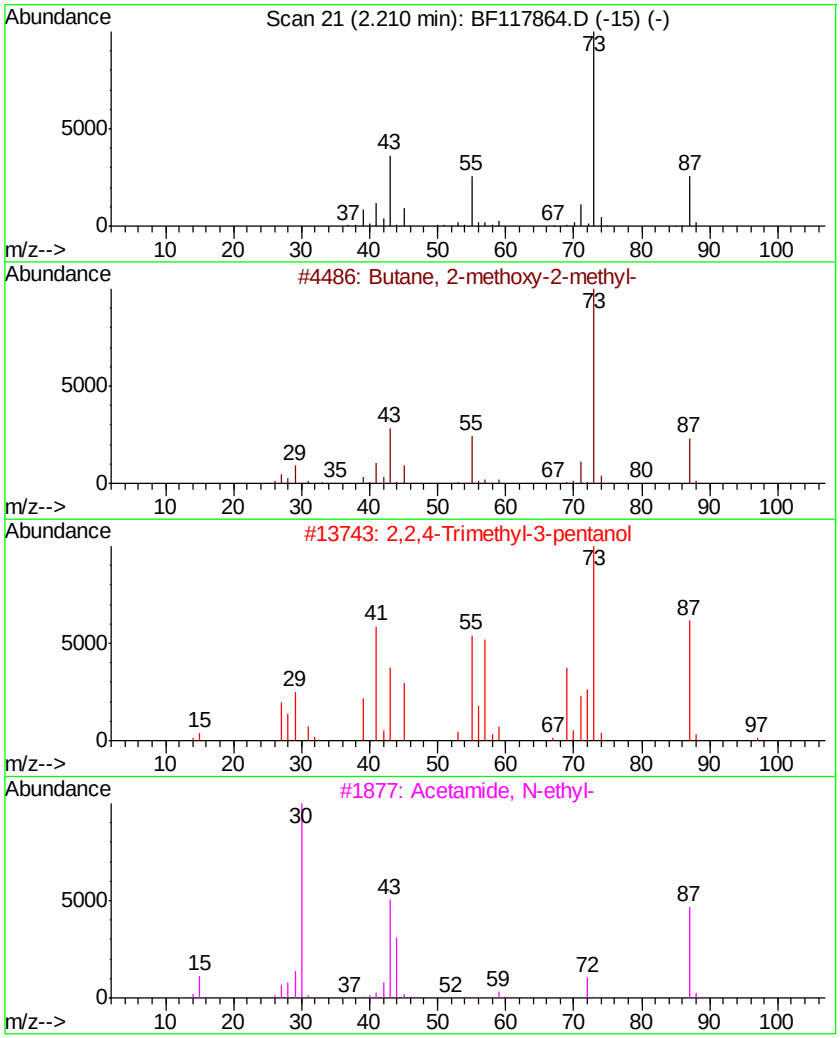
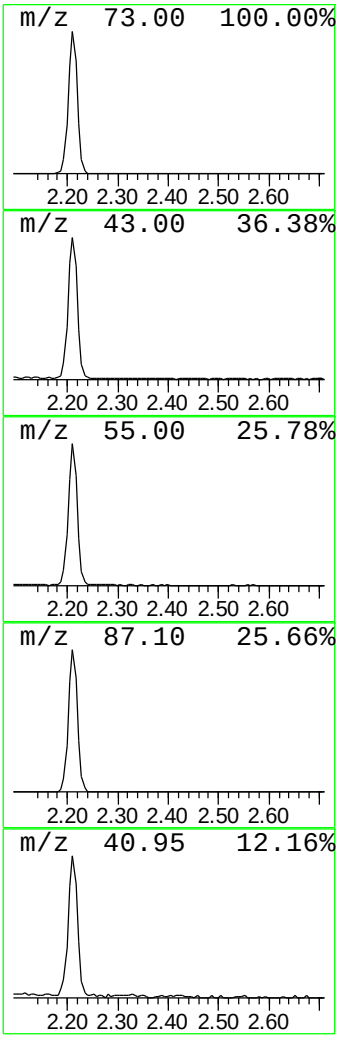
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	8.24 ng	675500	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117864.D
Acq On : 19 Nov 2019 17:25
Operator : JU
Sample : K5904-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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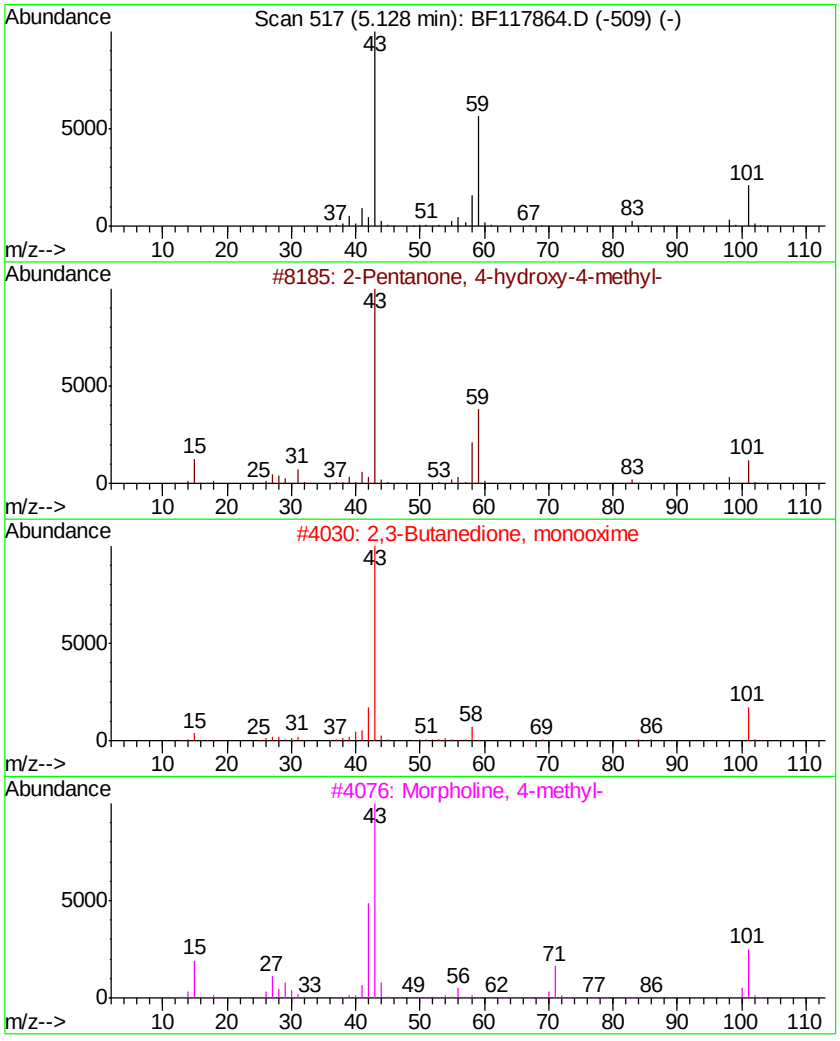
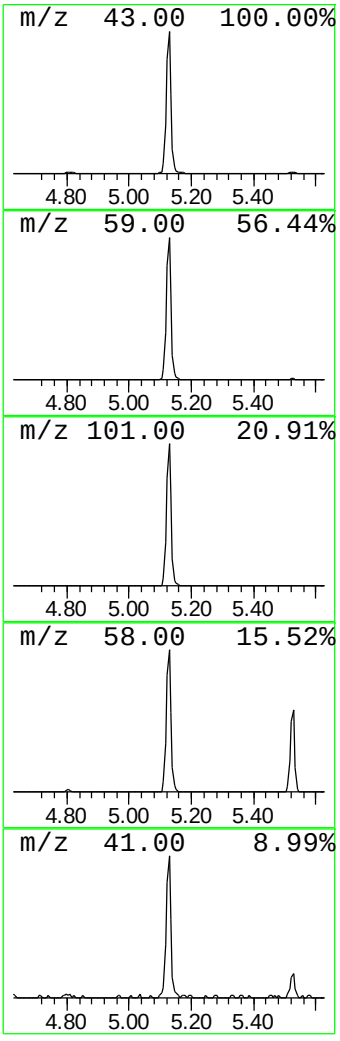
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	7.02 ng	575754	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Sample : K5904-02
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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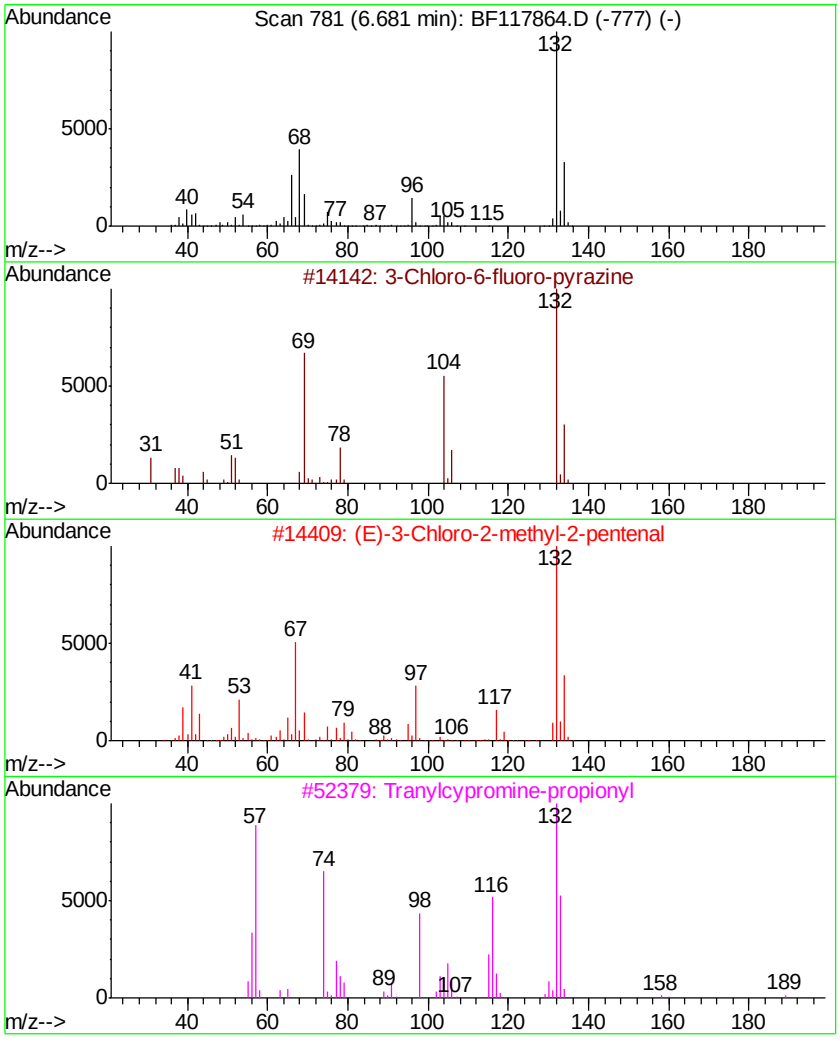
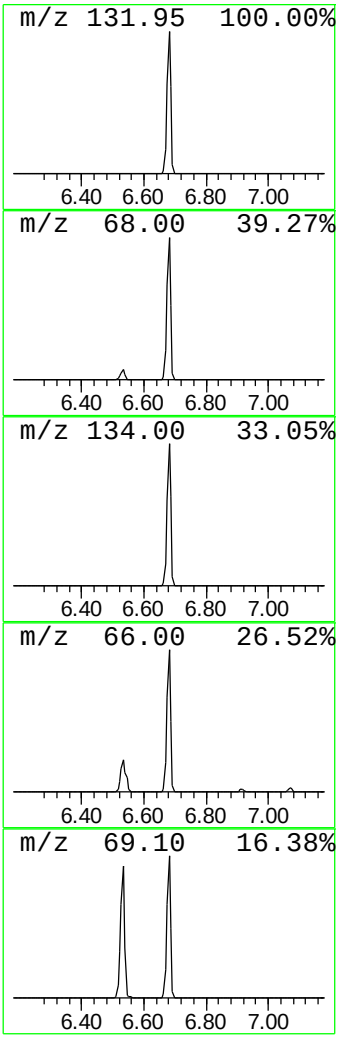
Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	41.11 ng	3369750	1,4-Dichlorobenzene-d4	6.92

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : 1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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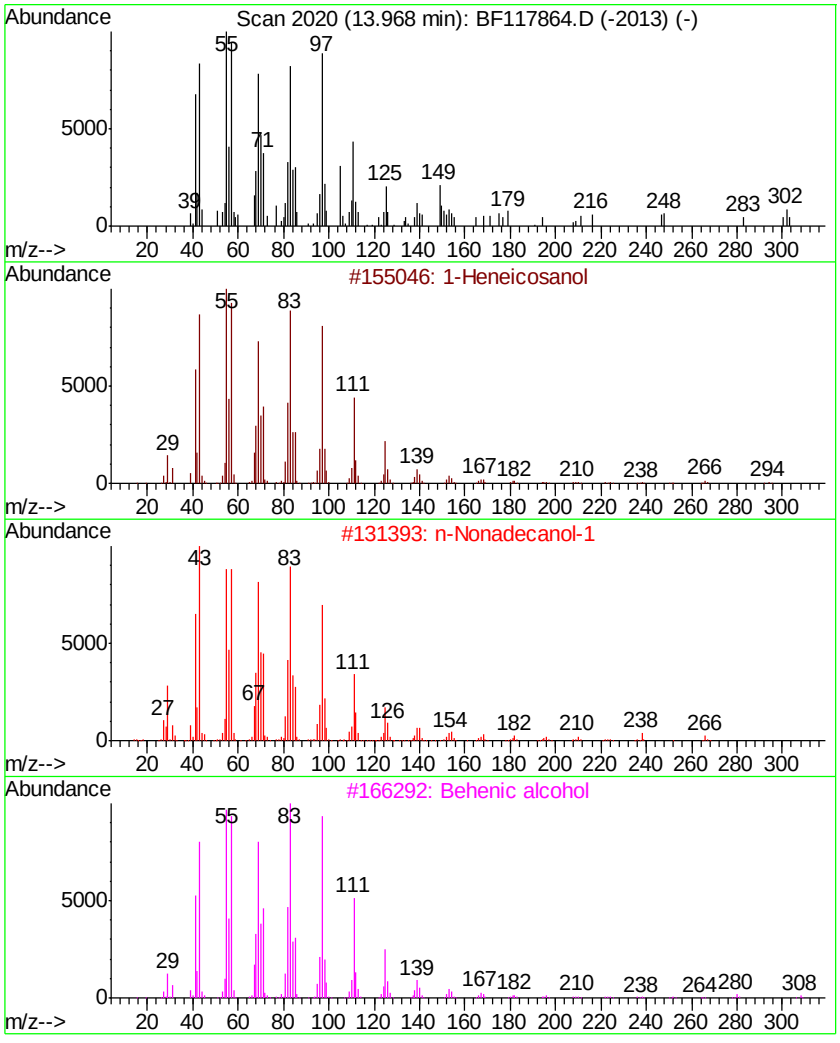
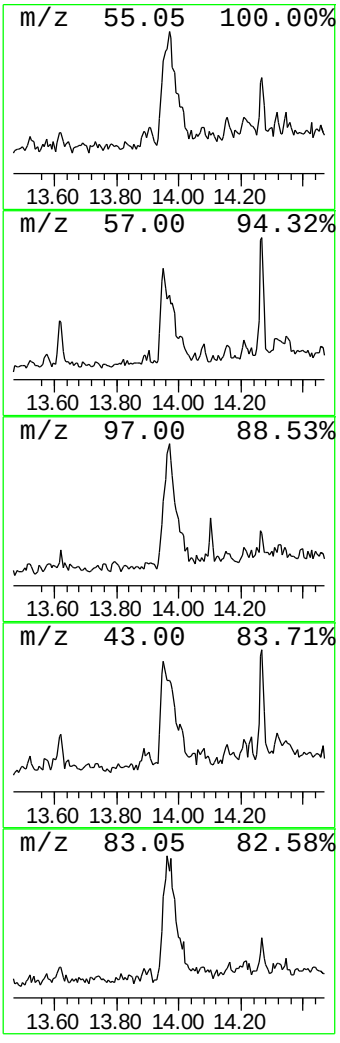
Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.89 ng	270713	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Sample : K5904-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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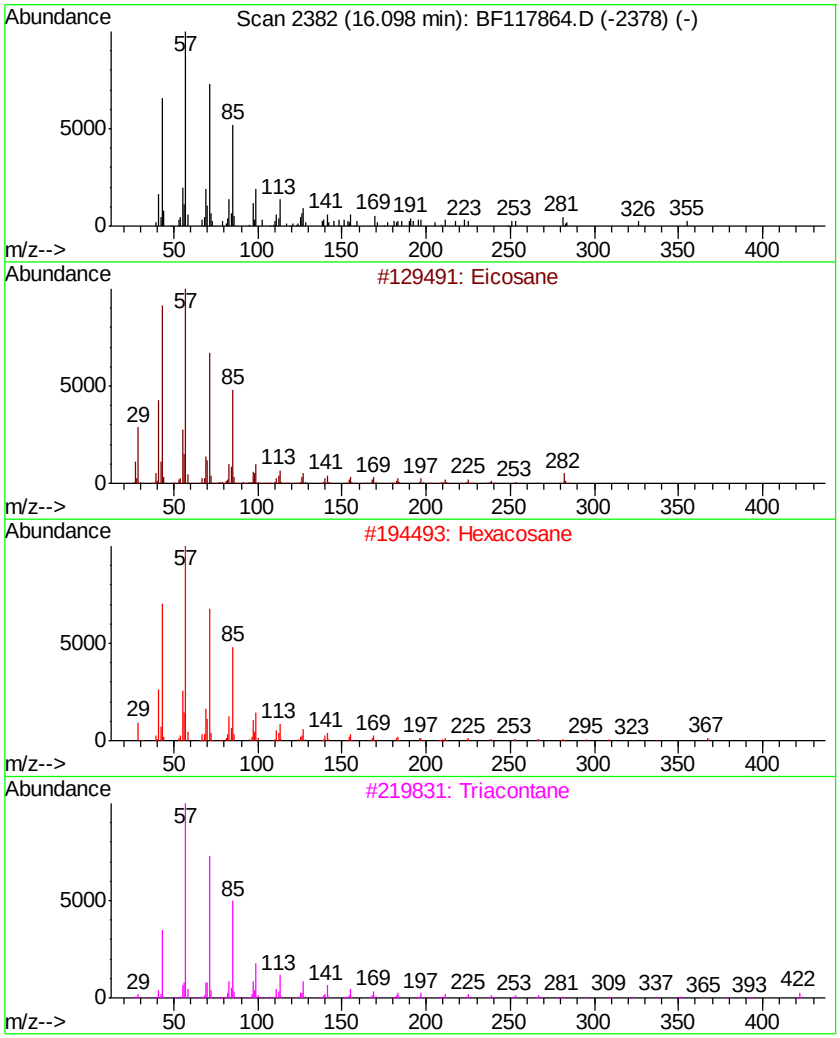
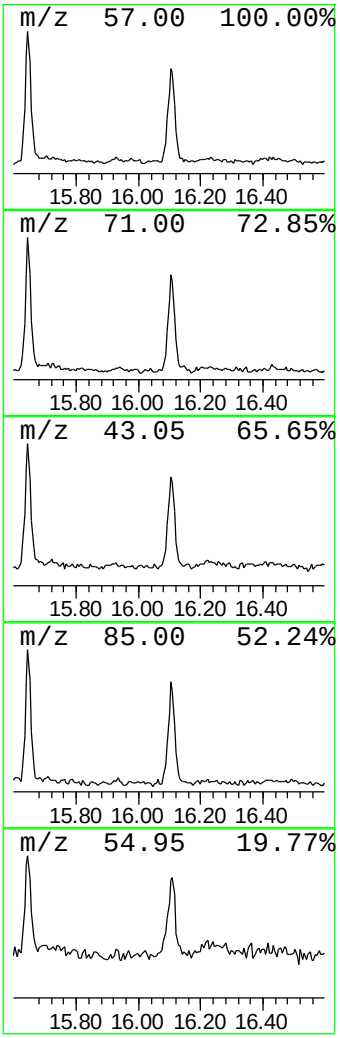
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.02 ng	186534	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.21	8.2	ng	675500	1	6.92	1639290	20.0
2-Pentanone, 4-hy...	5.13	7.0	ng	575754	1	6.92	1639290	20.0
unknown6.68	6.68	41.1	ng	3369750	1	6.92	1639290	20.0
1-Heneicosanol	13.97	2.9	ng	270713	5	14.10	1876620	20.0
Eicosane	16.10	2.0	ng	186534	6	15.62	1844790	20.0