LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108807.D
Acq On : 6 Sep 2018 6:16
Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

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-BF090518.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	4.931	436	441	447	rBV	137755	169089	3.95%	0.385%
2	5.348	506	512	515	rBV	4011668	4062261	94.82%	9.246%
3	6.366	680	685	688	rBV	4085669	4284326	100.00%	9.751%
4	6.501	704	708	712	rBV	4193437	4146181	96.78%	9.437%
5	6.736	744	748	751	rBV	1662735	1289419	30.10%	2.935%
6	6.895	771	775	778	rBV	3770018	3266306	76.24%	7.434%
7	7.295	838	843	846	rBV	2682252	2454491	57.29%	5.587%
8	8.019	962	966	969	rBV	1658640	1484968	34.66%	3.380%
9	9.095	1144	1149	1152	rBV	4539936	4178439	97.53%	9.510%
10	9.483	1211	1215	1218	rBV	1298813	928011	21.66%	2.112%
11	9.766	1259	1263	1267	rBV	1742837	1431408	33.41%	3.258%
12	10.548	1392	1396	1399	rBV	2624243	2202377	51.41%	5.013%
13	11.242	1510	1514	1517	rBV	1765781	1403558	32.76%	3.195%
14	11.783	1603	1606	1615	rBV	348719	410505	9.58%	0.934%
15	12.566	1736	1739	1744	rBV2	133781	164627	3.84%	0.375%
16	12.824	1779	1783	1786	rBV	4435144	4049593	94.52%	9.217%
17	13.730	1934	1937	1943	rBV4	436883	526119	12.28%	1.197%
18	13.865	1956	1960	1966	rVB	1557650	1417575	33.09%	3.226%
19	14.060	1990	1993	1996	rVB	246289	227169	5.30%	0.517%
20	14.360	2041	2044	2049	rBV	550455	514736	12.01%	1.172%
21	14.659	2091	2095	2099	rBV	842312	795276	18.56%	1.810%
22	14.977	2145	2149	2156	rVB	983151	1058126	24.70%	2.408%
23	15.271	2195	2199	2204	rVB	861948	986652	23.03%	2.246%
24	15.336	2206	2210	2214	rVB	910404	1044055	24.37%	2.376%
25	15.742	2274	2279	2284	rBV	632725	892189	20.82%	2.031%
26	16.212	2355	2359	2370	rVB2	323252	548239	12.80%	1.248%

Sum of corrected areas: 43935695

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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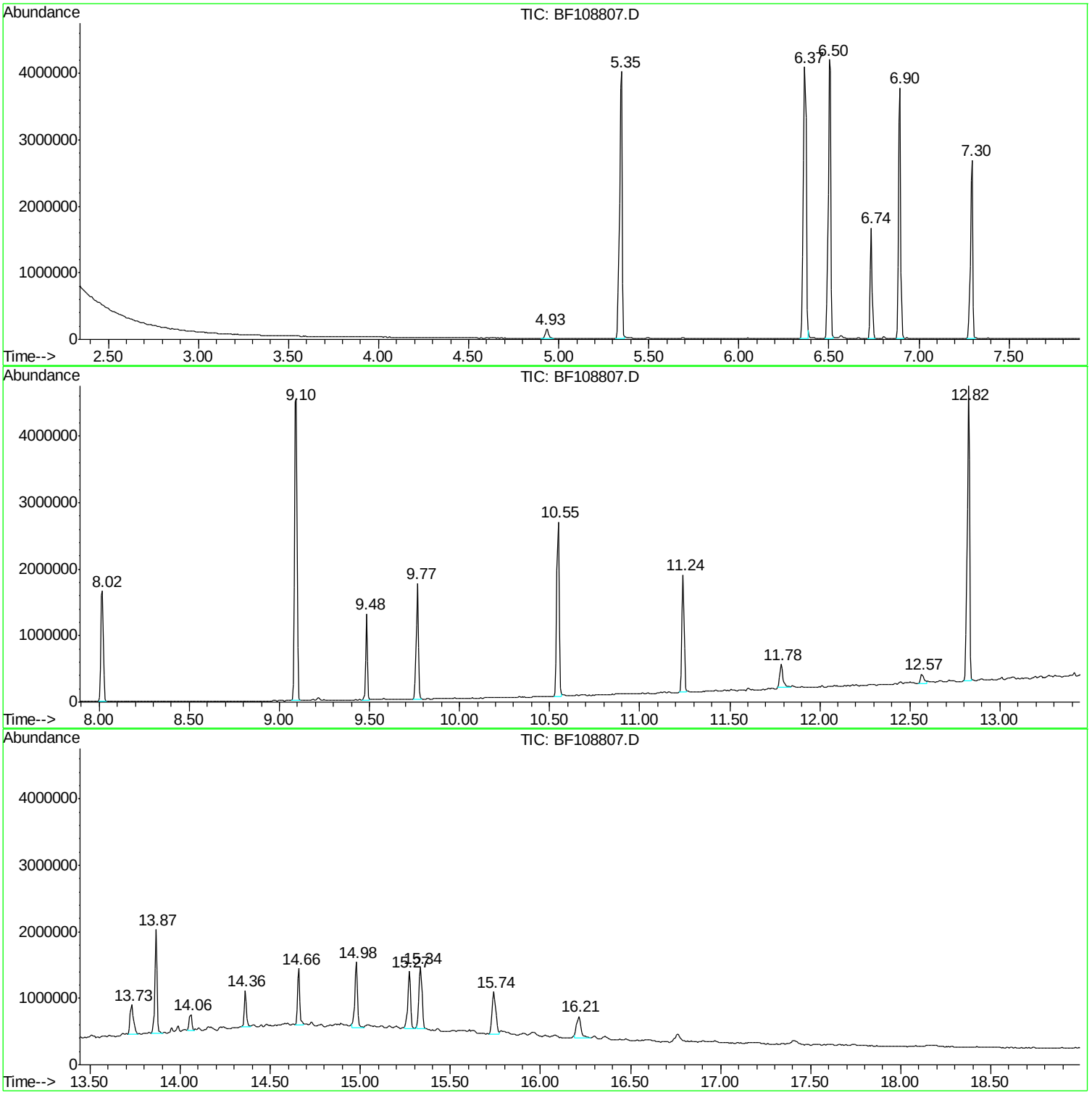
Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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Data File : BF108807.D
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Misc :
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Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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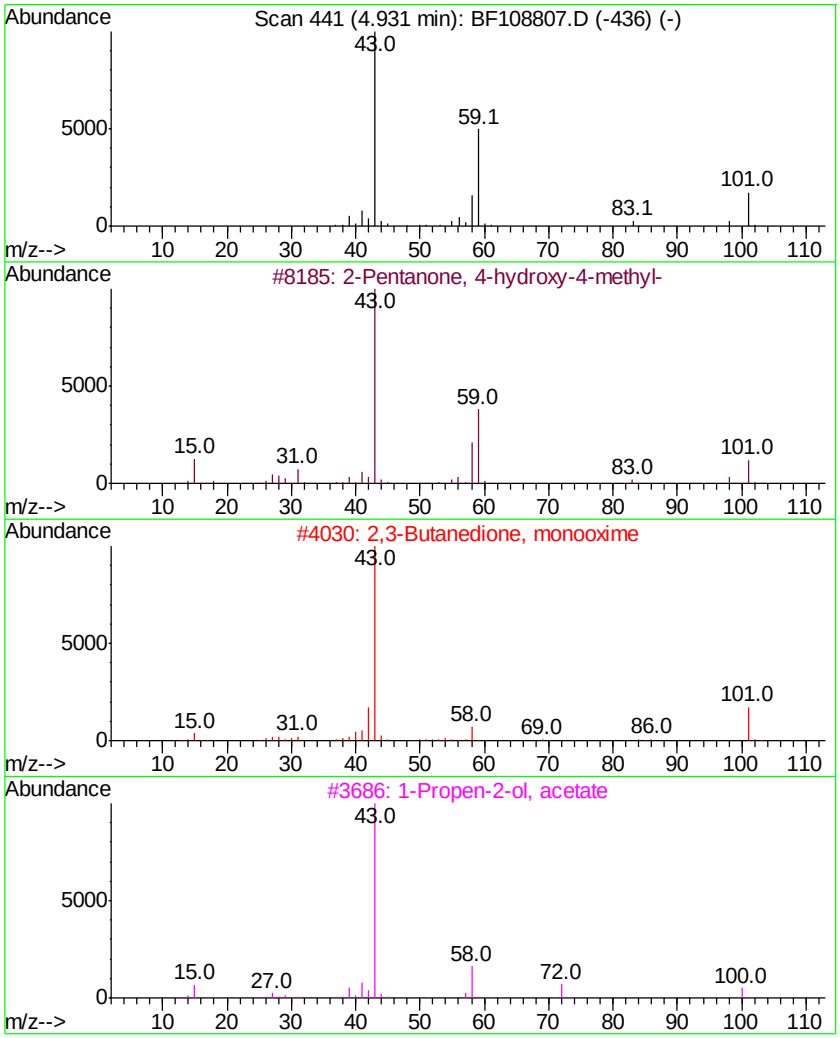
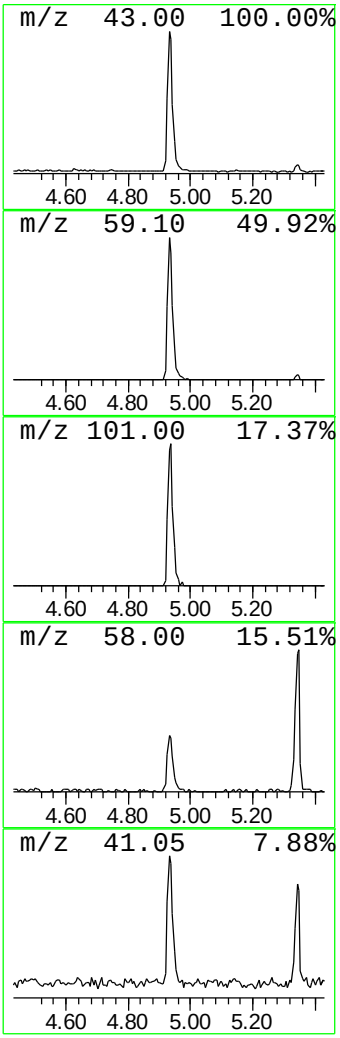
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.62 ng	169089	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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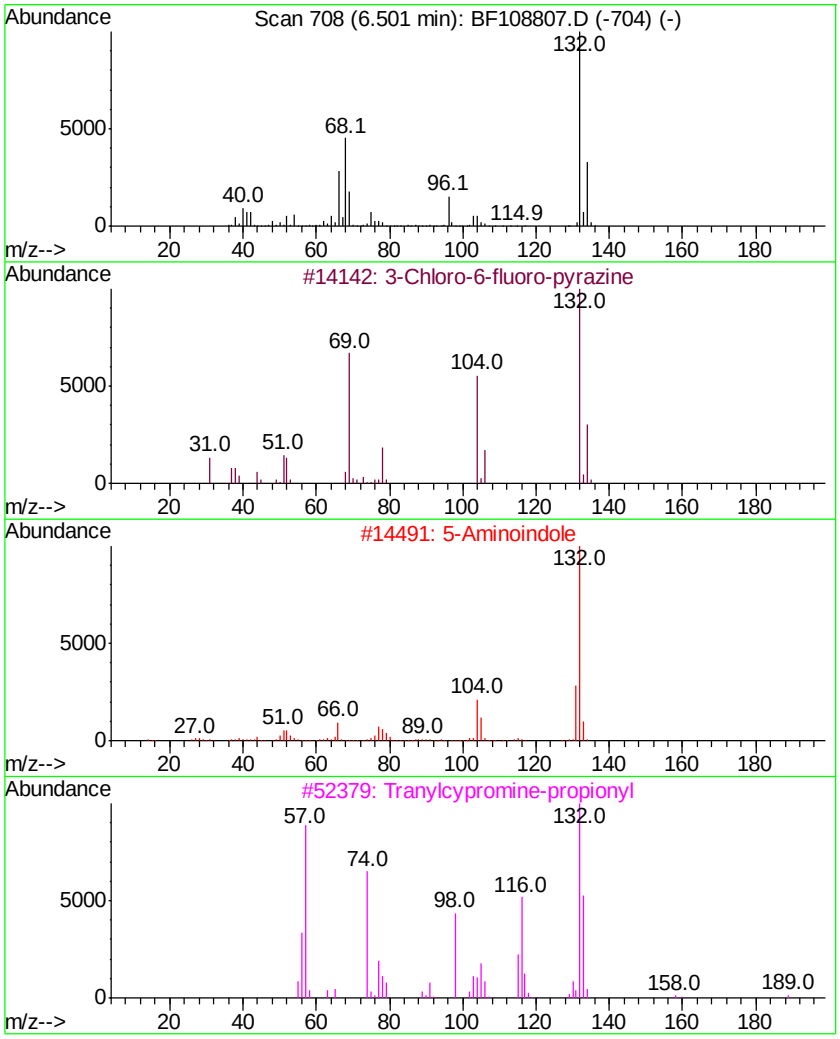
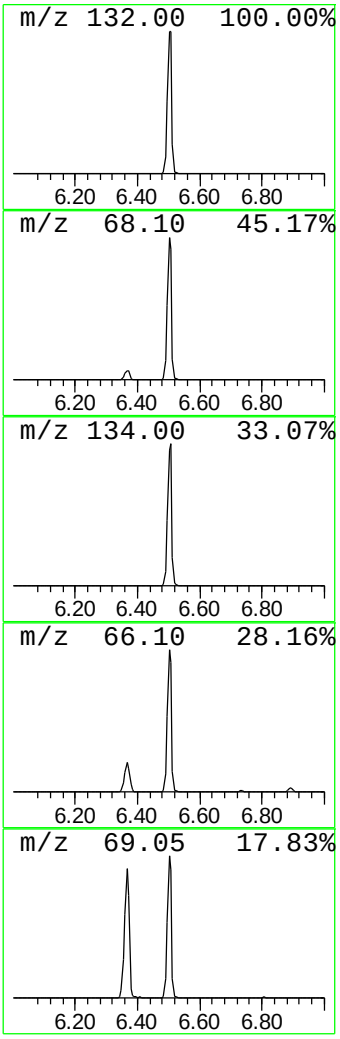
Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	64.31 ng	4146180	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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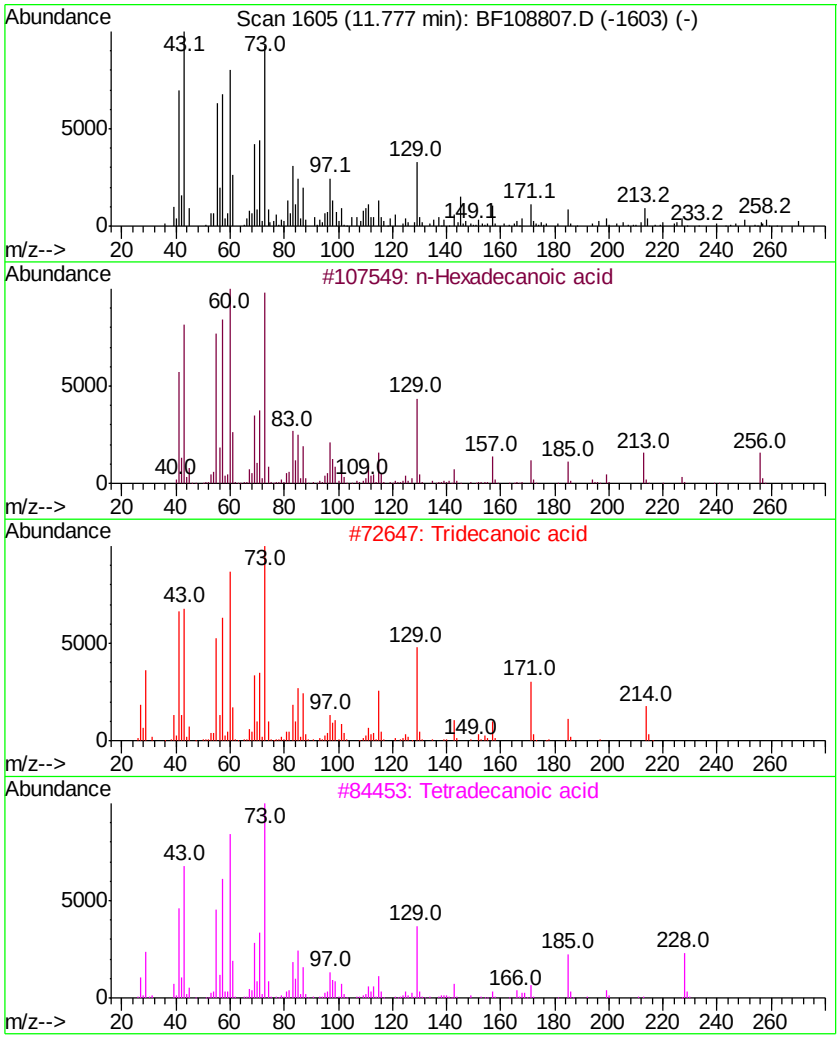
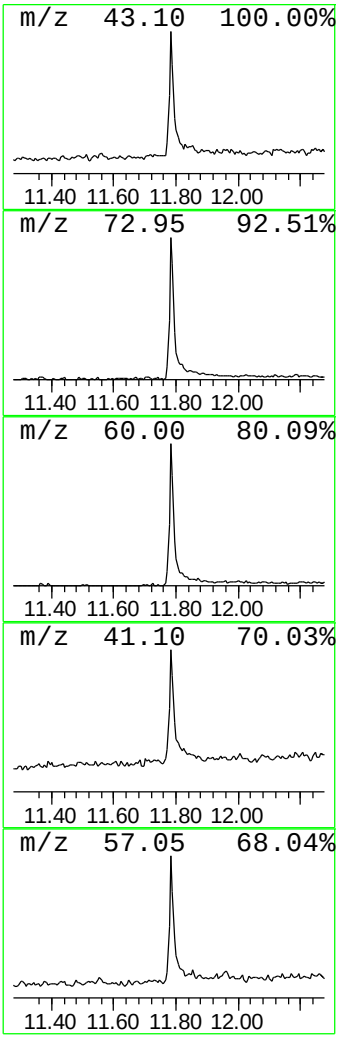
Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.85 ng	410505	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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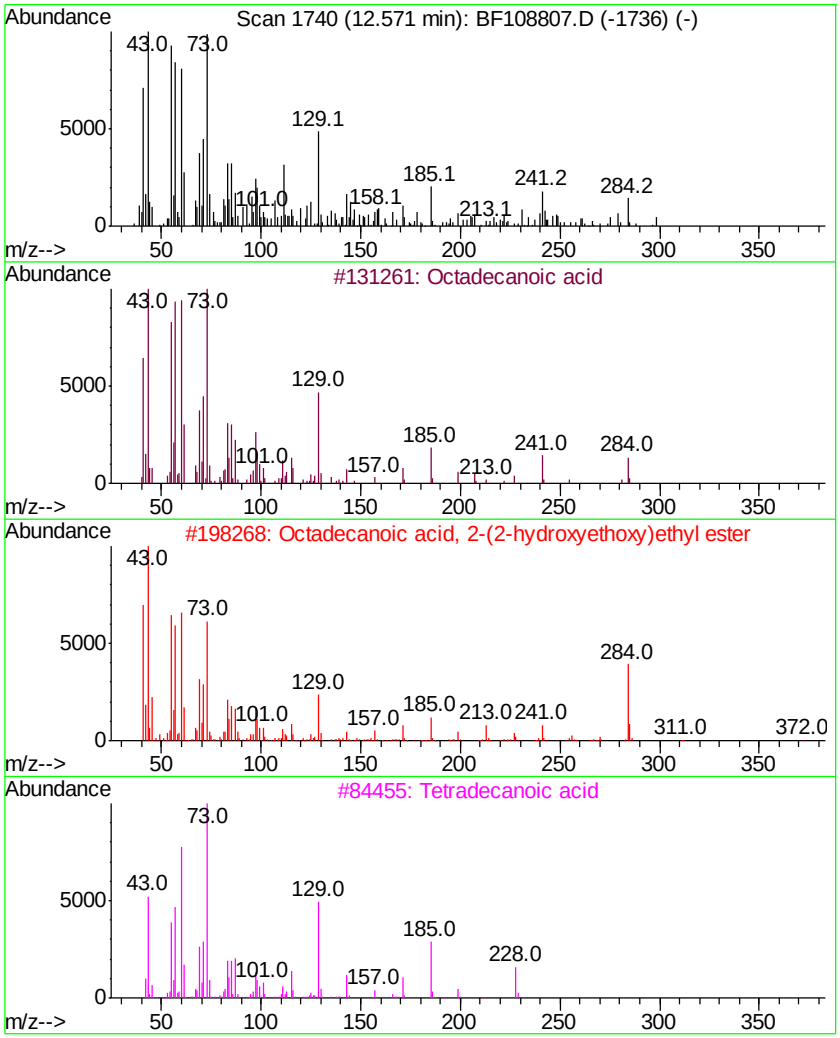
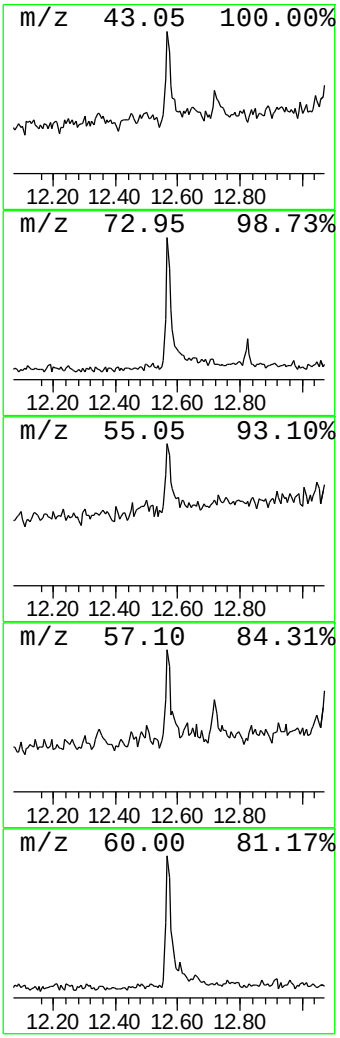
Peak Number 5 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.32 ng	164627	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
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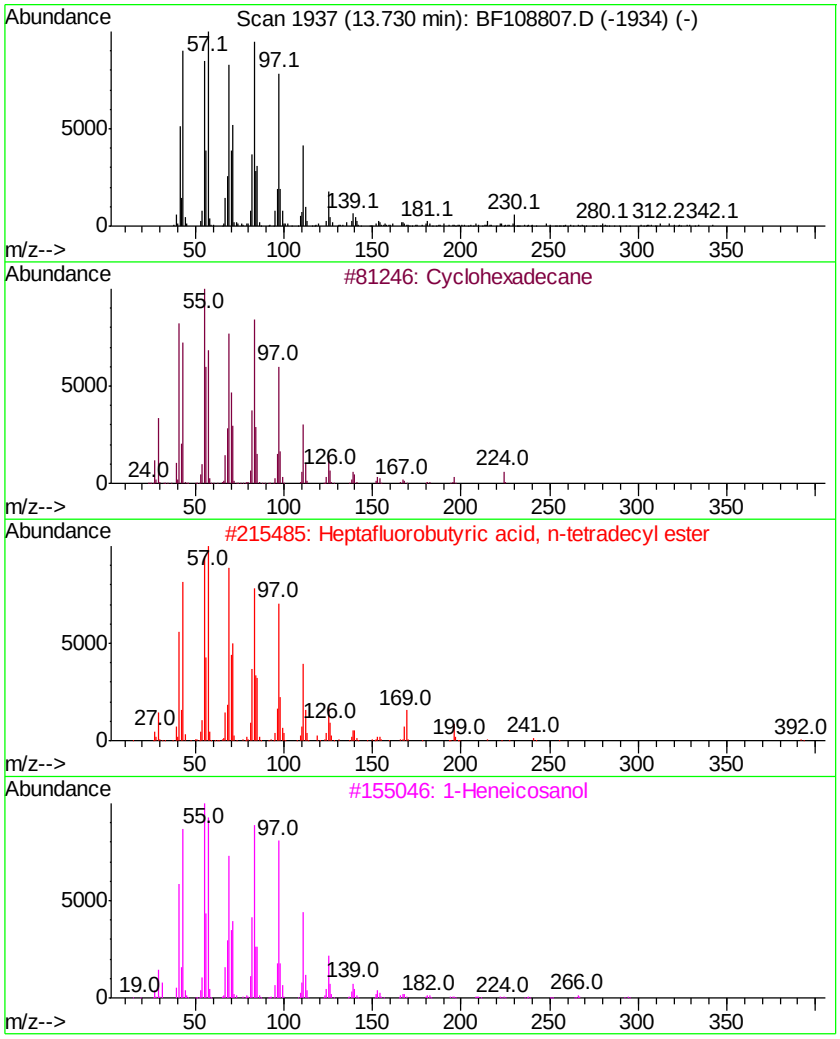
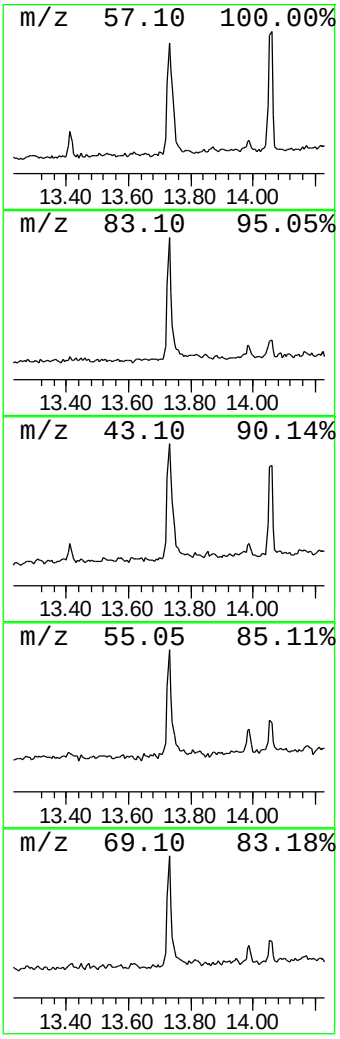
Peak Number 6 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.42 ng	526119	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94





Library Search Compound Report

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Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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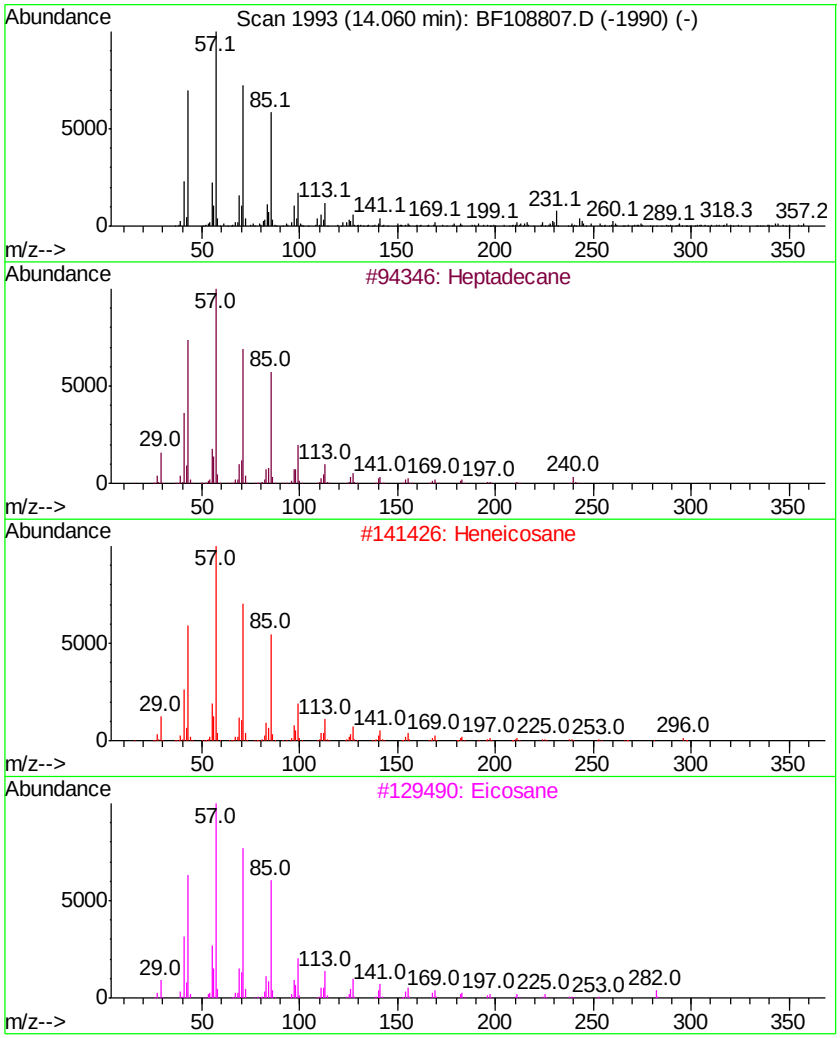
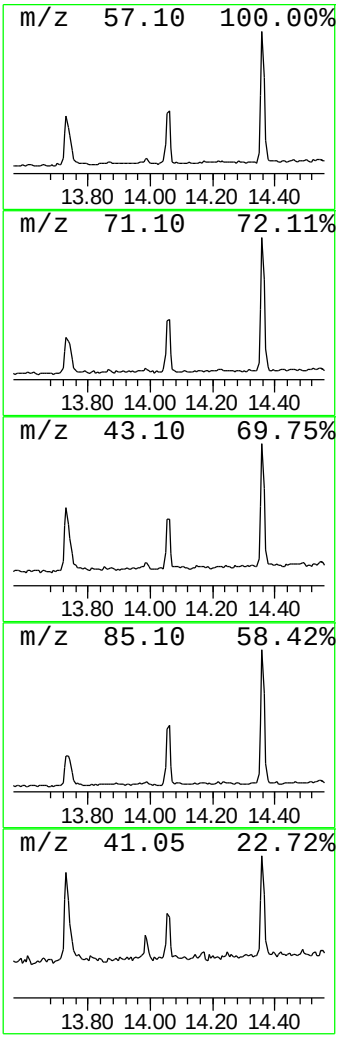
****

Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	3.21 ng	227169	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Tetracosane	338	C24H50	000646-31-1	86





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

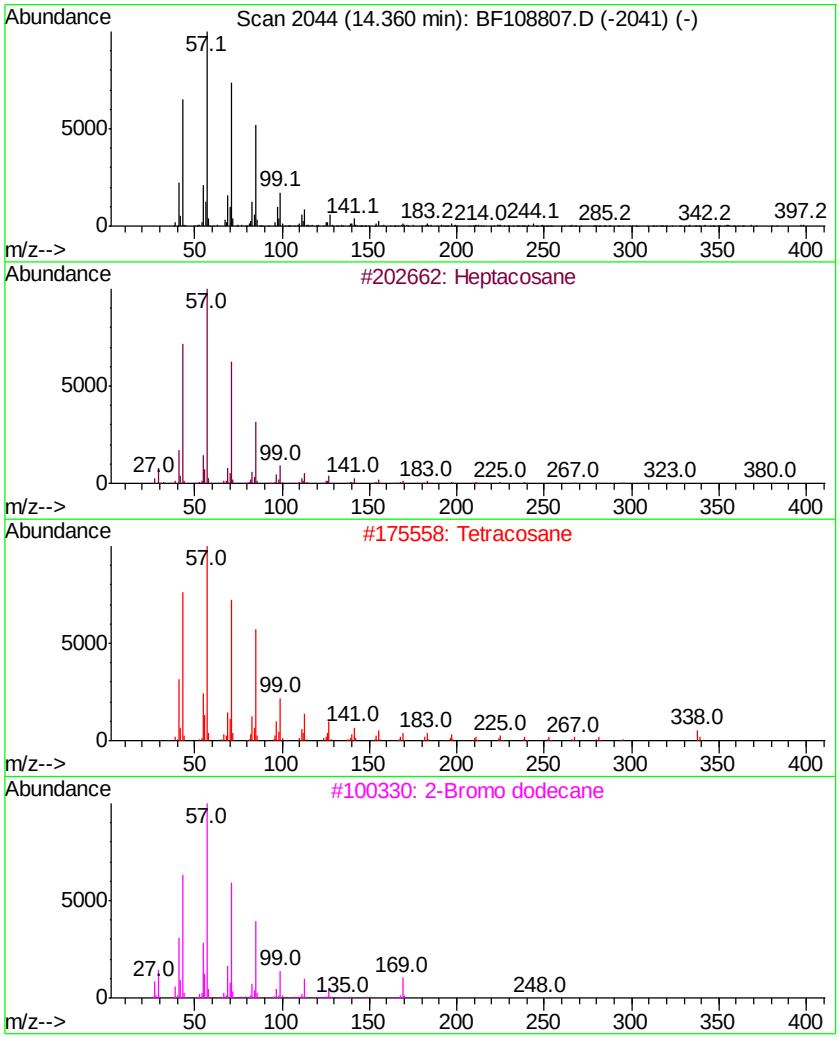
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

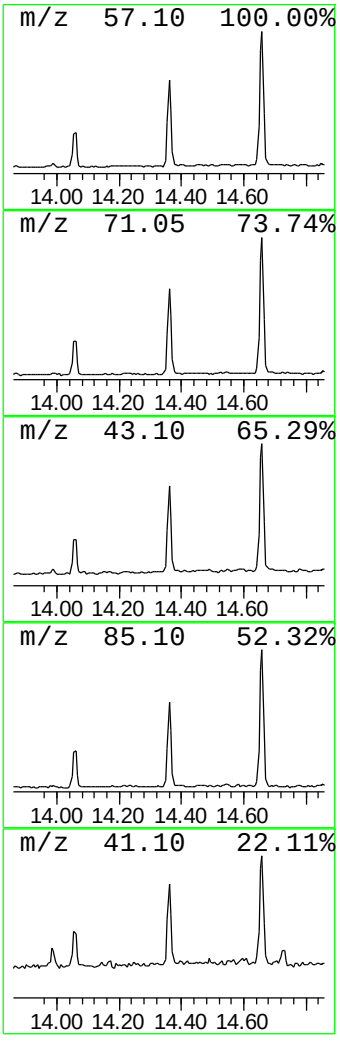
****

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	7.26 ng	514736	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tetracosane	338	C24H50	000646-31-1	95
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Instrument : BNA_F
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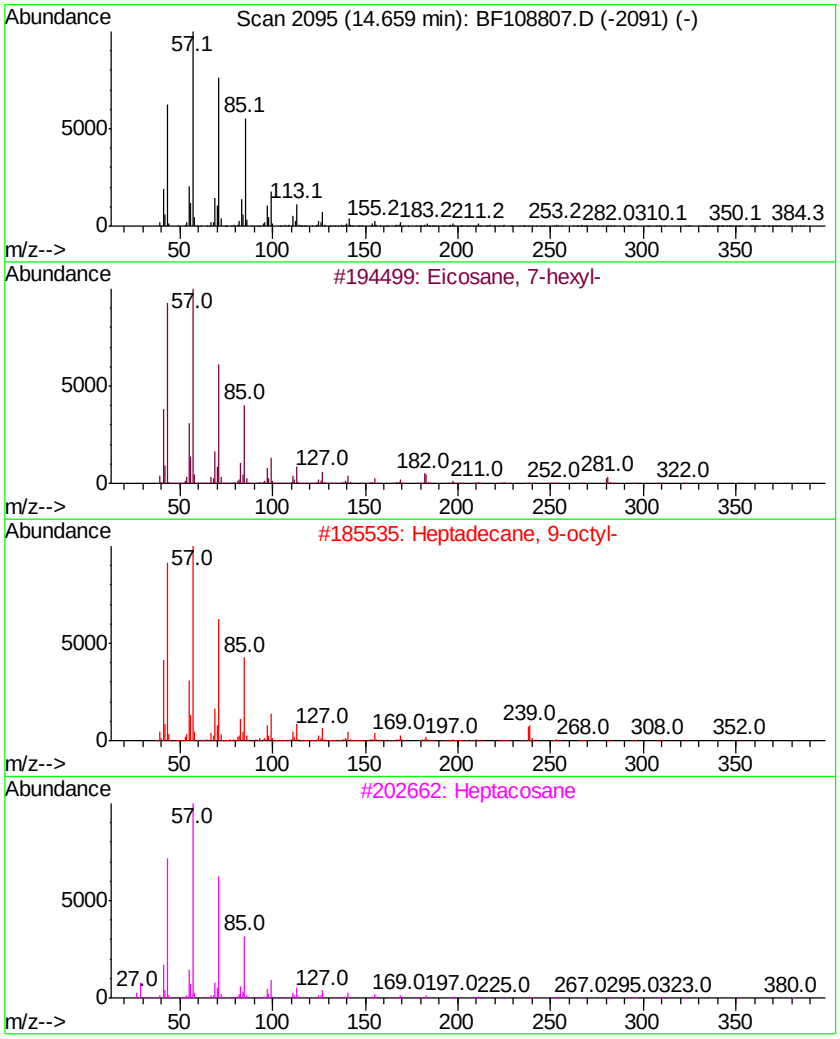
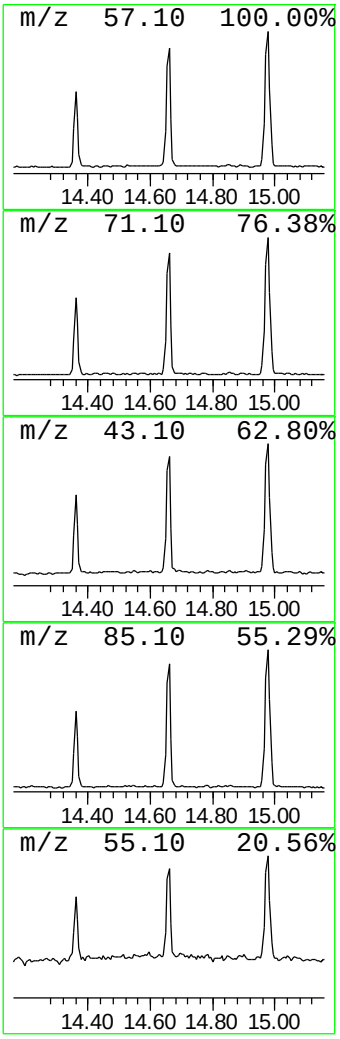
****

Peak Number 9 Eicosane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	16.12 ng	795276	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

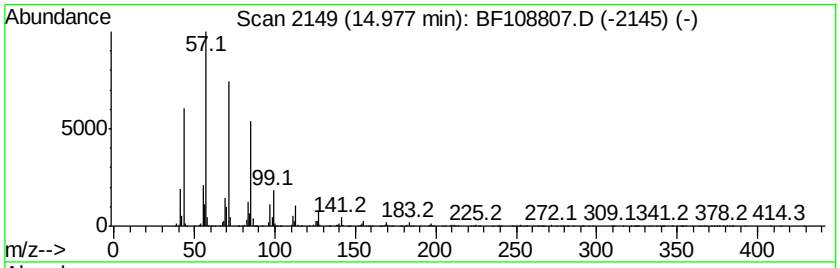
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

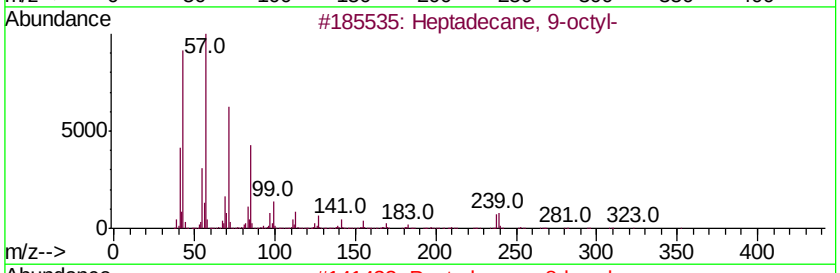
****

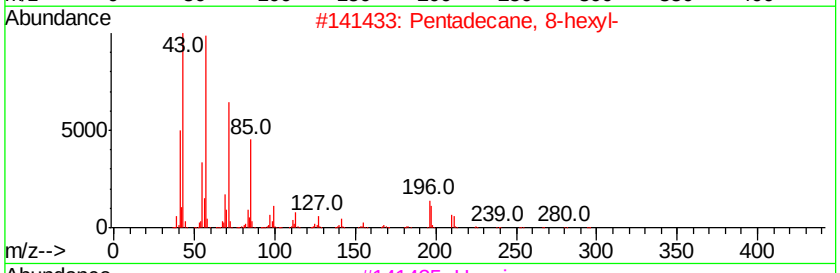
Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 3

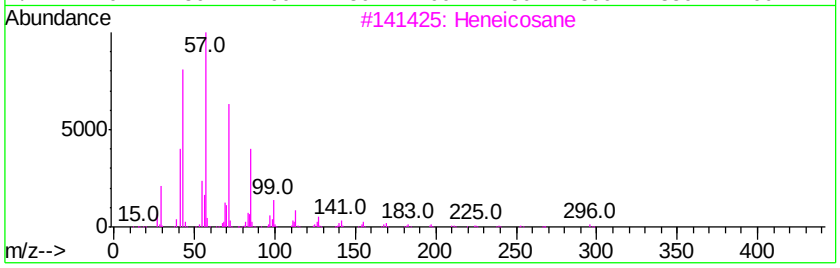
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	21.45 ng	1058130	Perylene-d12	15.27

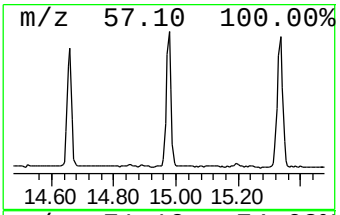
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87

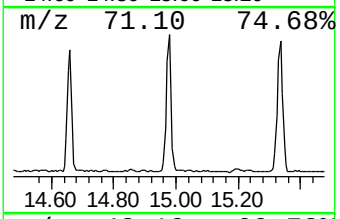


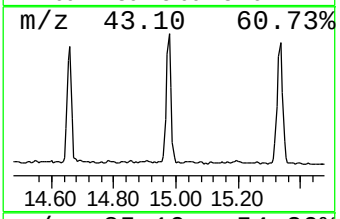


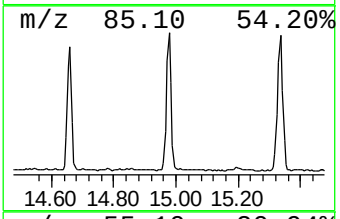


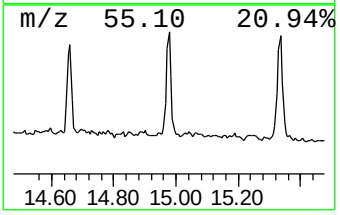












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108807.D
Acq On : 6 Sep 2018 6:16
Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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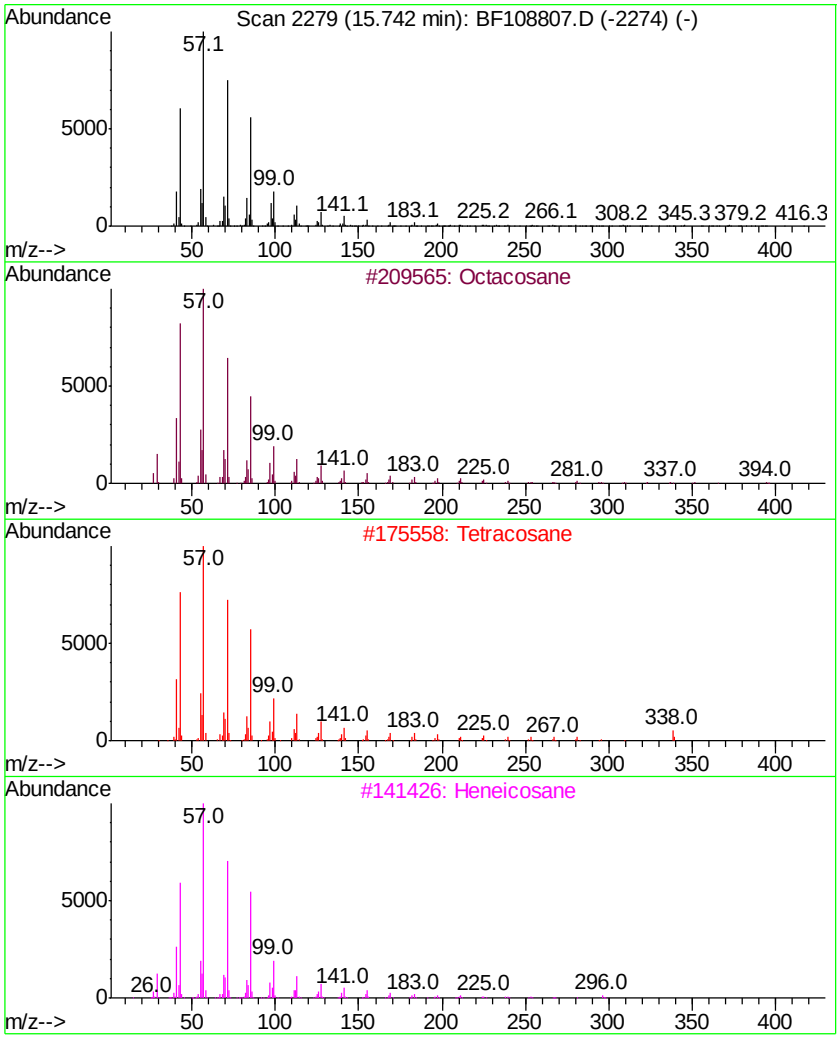
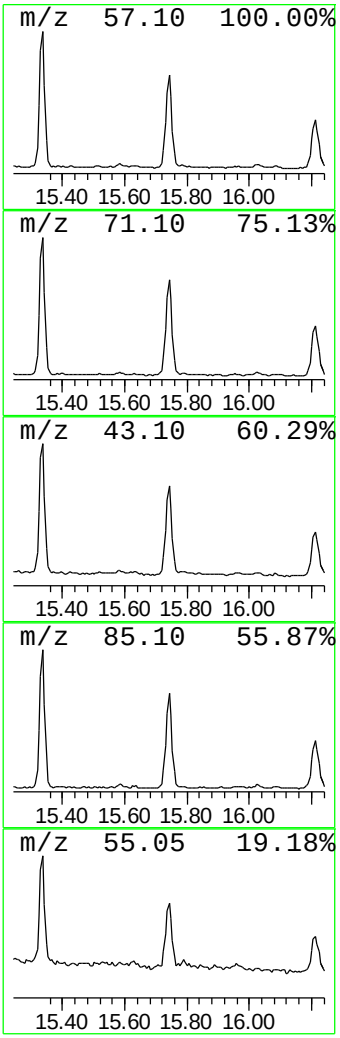
Peak Number 12 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	18.09 ng	892189	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108807.D
Acq On : 6 Sep 2018 6:16
Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

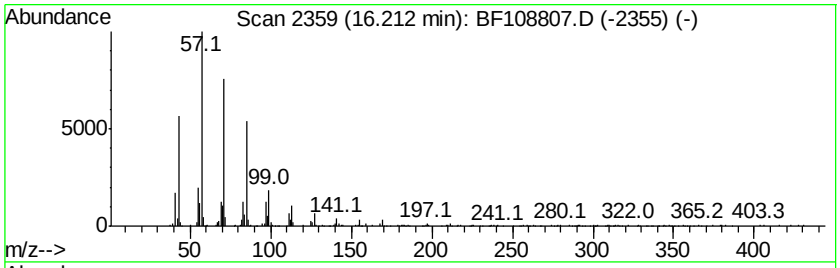
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

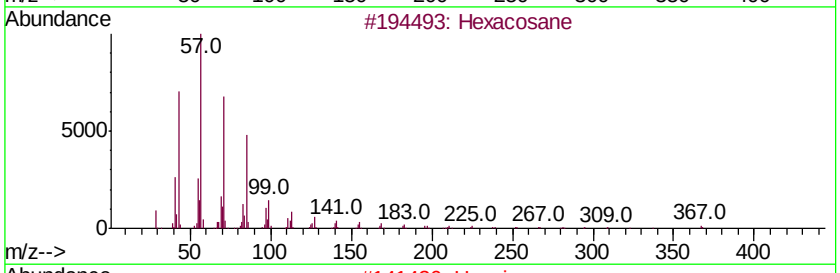
****

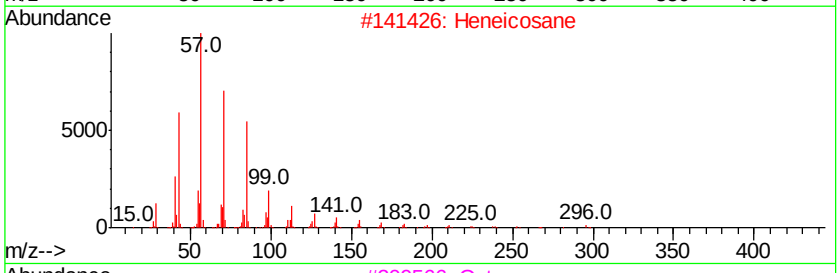
Peak Number 13 Hexacosane Concentration Rank 7

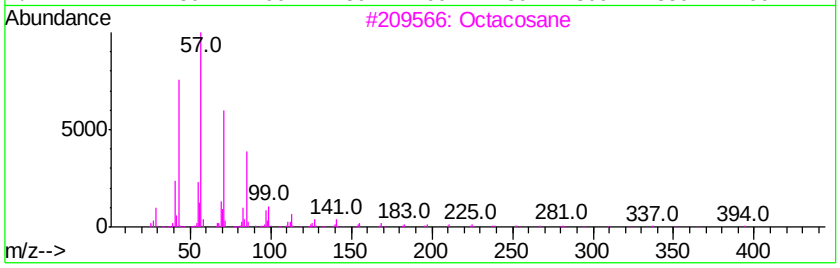
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	11.11 ng	548239	Perylene-d12	15.27

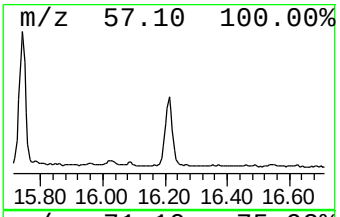
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87

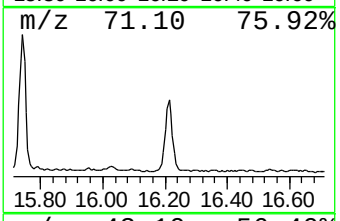


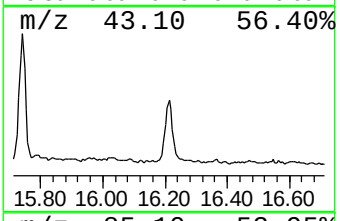


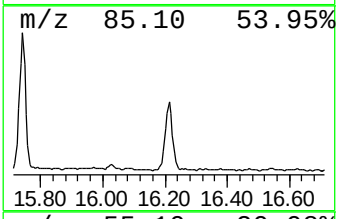


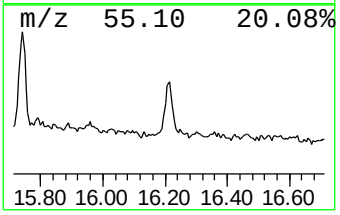












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090518\
Data File : BF108807.D
Acq On : 6 Sep 2018 6:16
Operator : JU/SJ
Sample : J4724-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	4.93	2.6	ng	169089	1	6.74	1289420	20.0
unknown6.50	6.50	64.3	ng	4146180	1	6.74	1289420	20.0
n-Hexadecanoic acid	11.78	5.8	ng	410505	4	11.24	1403560	20.0
Octadecanoic acid	12.57	2.3	ng	164627	5	13.87	1417580	20.0
Cyclohexadecane	13.73	7.4	ng	526119	5	13.87	1417580	20.0
Heptadecane	14.06	3.2	ng	227169	5	13.87	1417580	20.0
Heptacosane	14.36	7.3	ng	514736	5	13.87	1417580	20.0
Eicosane, 7-hexyl-	14.66	16.1	ng	795276	6	15.27	986652	20.0
Heptadecane, 9-oc...	14.98	21.4	ng	1058130	6	15.27	986652	20.0
Octacosane	15.74	18.1	ng	892189	6	15.27	986652	20.0
Hexacosane	16.21	11.1	ng	548239	6	15.27	986652	20.0