LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

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-BF102318.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	2.287	29	34	42	rVB	324465	451864	23.32%	2.594%
2	3.593	254	256	262	rBV	16531	32995	1.70%	0.189%
3	5.198	525	529	543	rVB	72939	98258	5.07%	0.564%
4	5.581	589	594	597	rBV	1930771	1724758	89.00%	9.902%
5	6.581	759	764	781	rBV	1808503	1893515	97.71%	10.871%
6	6.728	784	789	792	rBV	1892276	1876996	96.86%	10.776%
7	6.957	824	828	831	rBV	527309	483702	24.96%	2.777%
8	7.110	850	854	858	rBV	1676121	1434830	74.04%	8.238%
9	7.516	919	923	943	rBV	1186222	1172250	60.49%	6.730%
10	8.239	1042	1046	1060	rVB	548296	601902	31.06%	3.456%
11	9.310	1223	1228	1238	rBV	2273439	1937943	100.00%	11.126%
12	9.704	1291	1295	1301	rBV	226377	226115	11.67%	1.298%
13	9.998	1340	1345	1355	rVB	594453	611983	31.58%	3.513%
14	10.786	1475	1479	1488	rBV	977090	928892	47.93%	5.333%
15	11.486	1594	1598	1606	rBV	531674	503901	26.00%	2.893%
16	11.827	1651	1656	1661	rBV	22041	27127	1.40%	0.156%
17	11.992	1681	1684	1687	rBV	34774	33170	1.71%	0.190%
18	12.027	1687	1690	1695	rVB	21476	28216	1.46%	0.162%
19	12.704	1800	1805	1808	rBV	32640	28763	1.48%	0.165%
20	12.933	1839	1844	1851	rVB3	30972	43046	2.22%	0.247%
21	13.069	1863	1867	1870	rBV	1551448	1335476	68.91%	7.667%
22	13.945	2010	2016	2030	rBV	124461	200237	10.33%	1.150%
23	14.133	2044	2048	2052	rBV	548651	527717	27.23%	3.030%
24	14.268	2068	2071	2074	rVB2	24364	26061	1.34%	0.150%
25	14.568	2119	2122	2129	rBV2	69386	120349	6.21%	0.691%
26	14.886	2173	2176	2179	rVB	53597	50233	2.59%	0.288%
27	14.963	2186	2189	2193	rVB	89155	92752	4.79%	0.533%
28	15.039	2199	2202	2206	rBV5	18672	25476	1.31%	0.146%
29	15.239	2232	2236	2239	rVB	105567	122783	6.34%	0.705%
30	15.657	2300	2307	2312	rVB	354159	533845	27.55%	3.065%
31	16.092	2377	2381	2385	rVB	71064	101939	5.26%	0.585%
32	16.621	2467	2471	2479	rVB2	52842	86895	4.48%	0.499%
33	17.239	2574	2576	2584	rVB4	31135	54214	2.80%	0.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 17418203

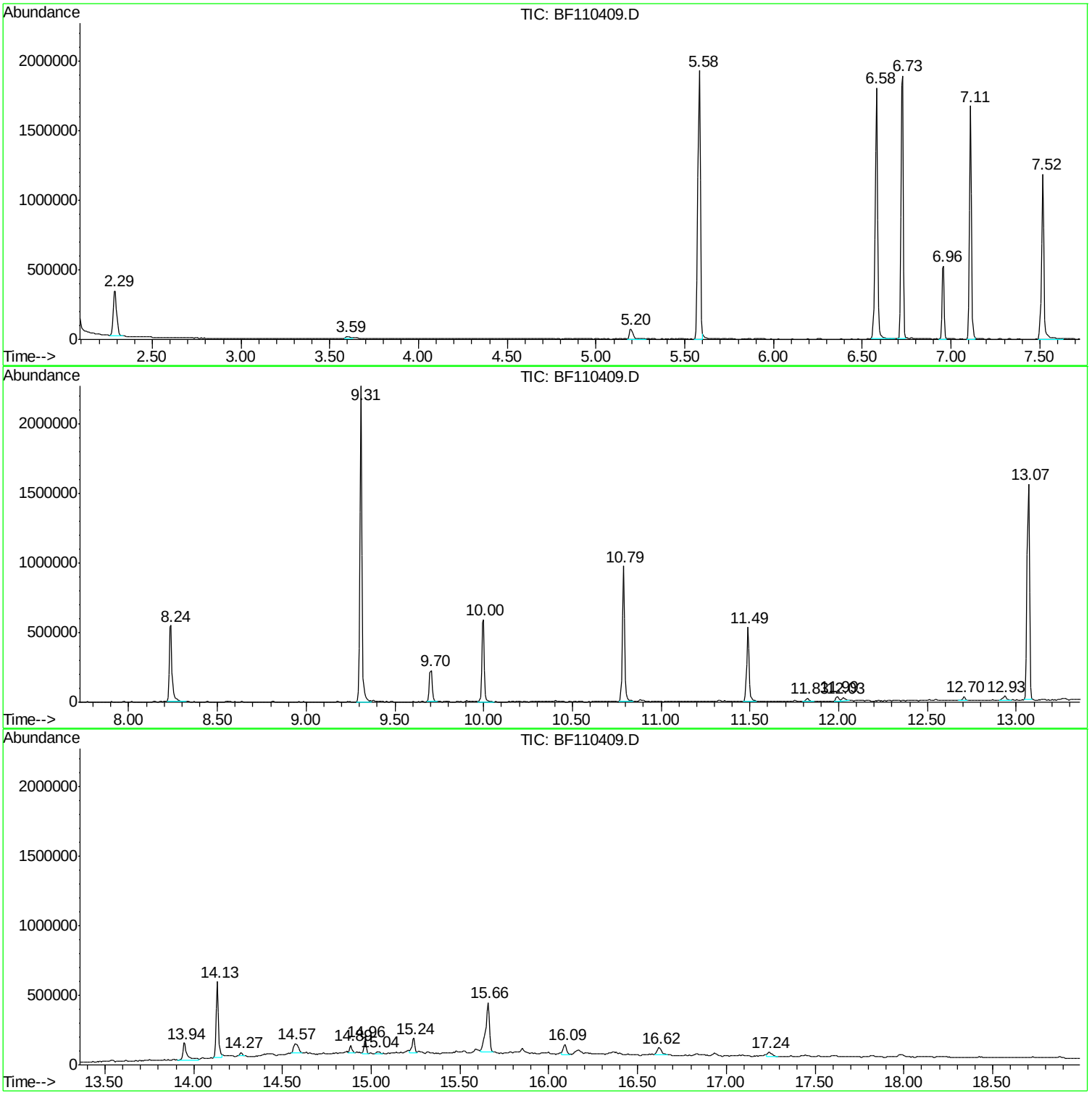
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

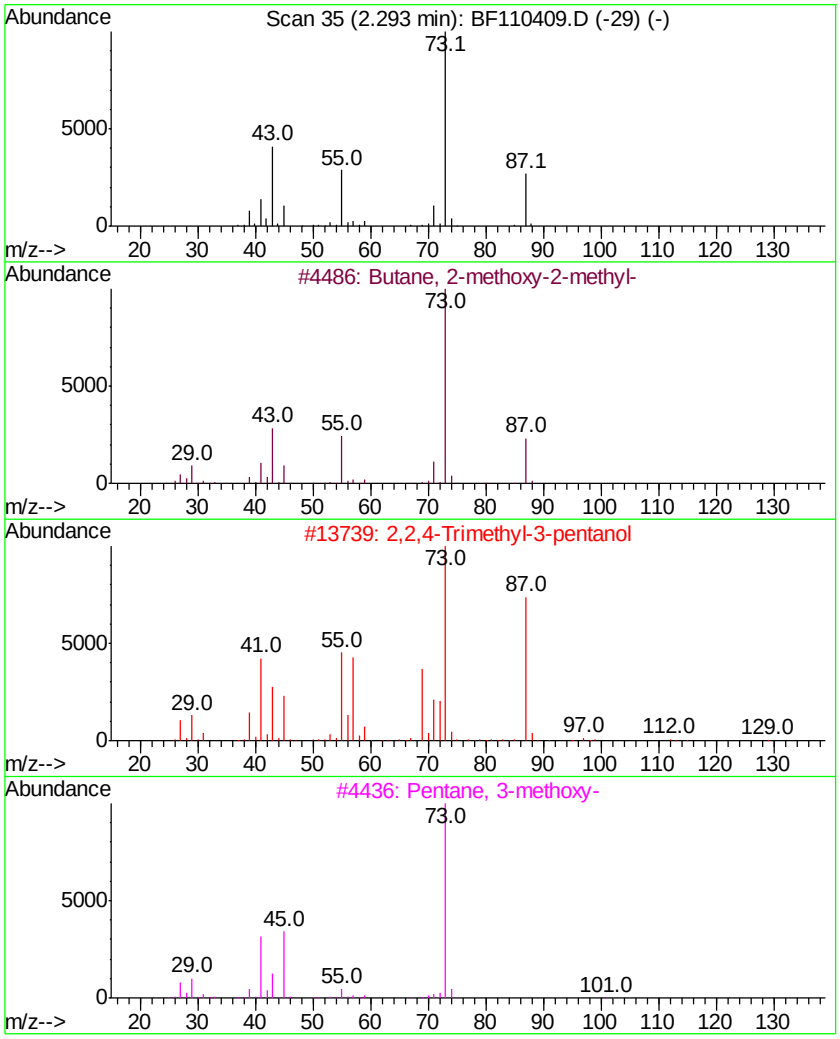
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

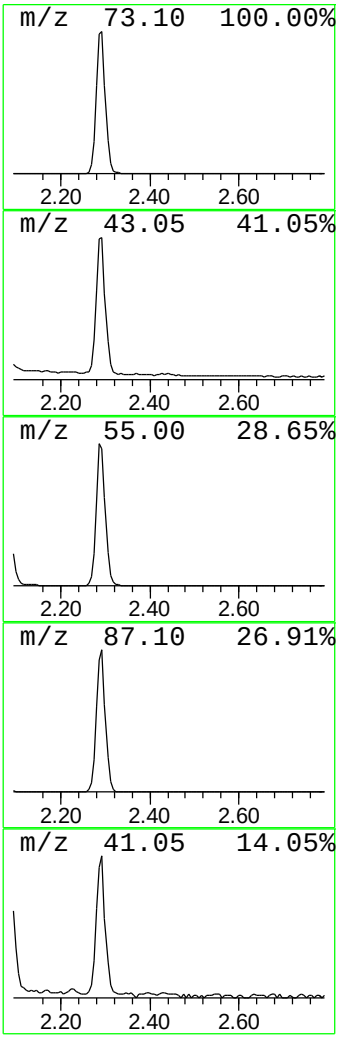
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	18.68 ng	451864	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

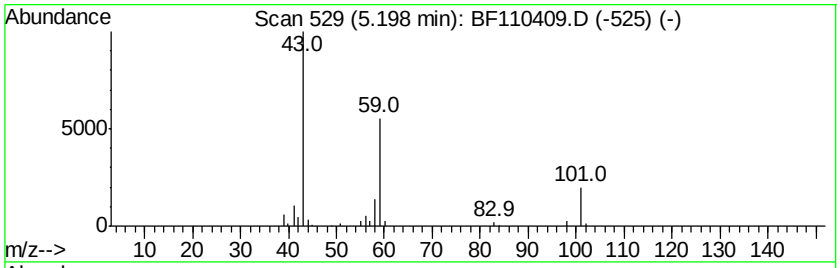
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

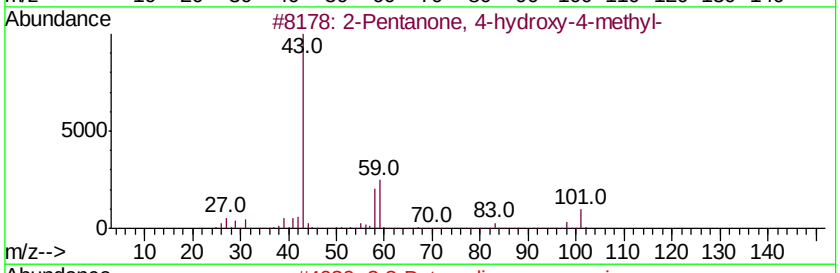
****

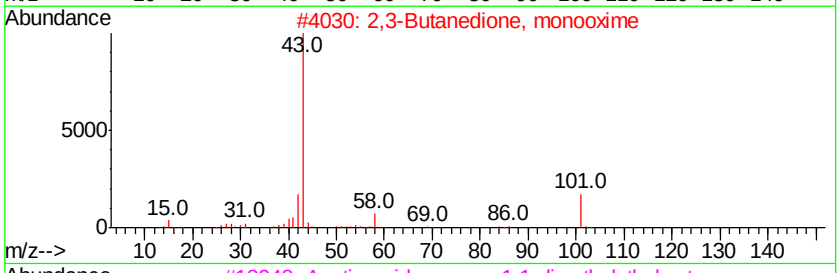
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

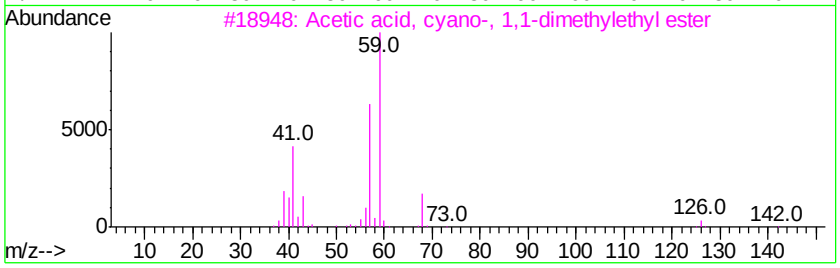
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.06 ng	98258	1,4-Dichlorobenzene-d4	6.96

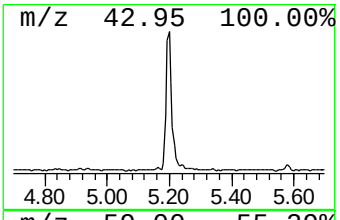
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

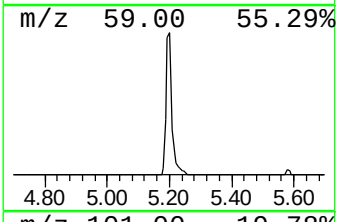


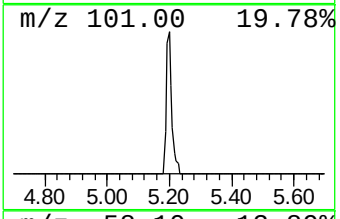


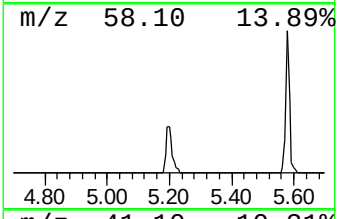


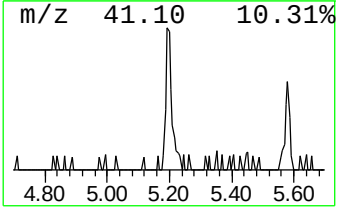












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

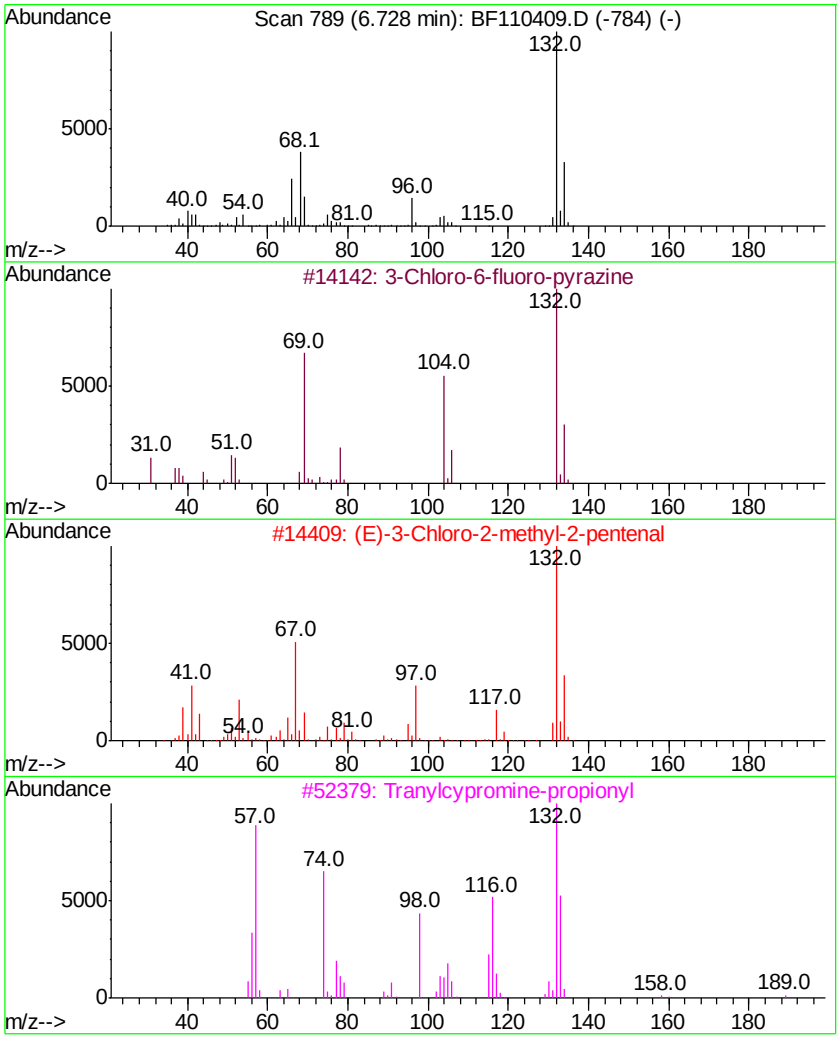
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

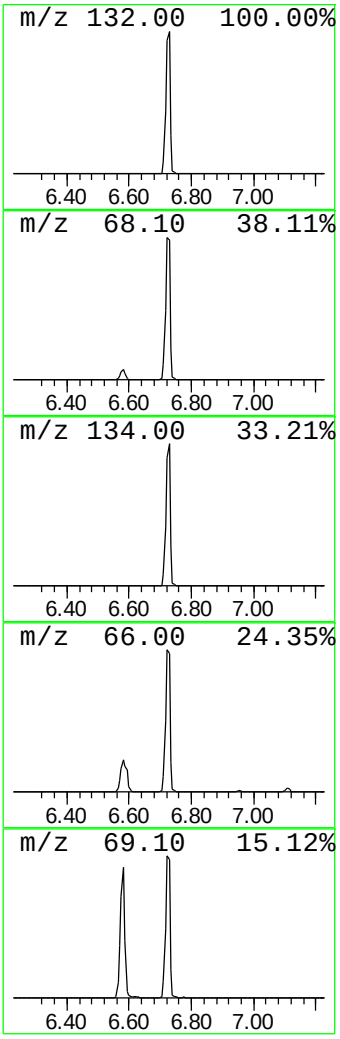
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	77.61 ng	1877000	1,4-Dichlorobenzene-d4	6.96

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

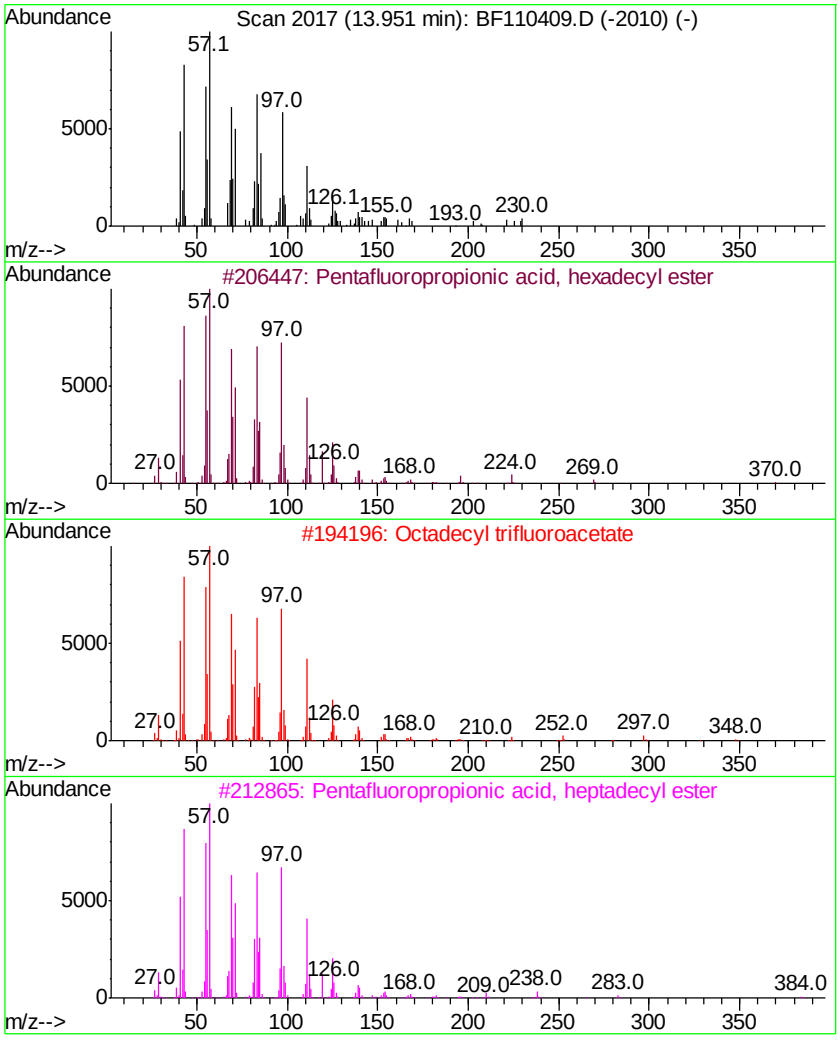
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

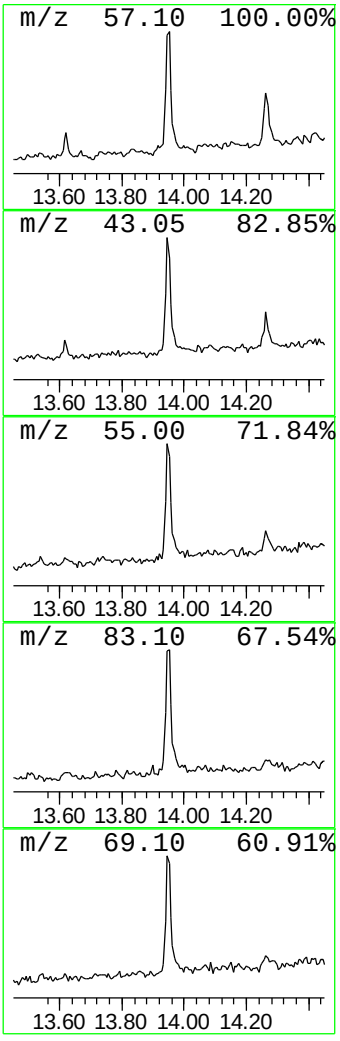
****

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.59 ng	200237	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Library Search Compound Report

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Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

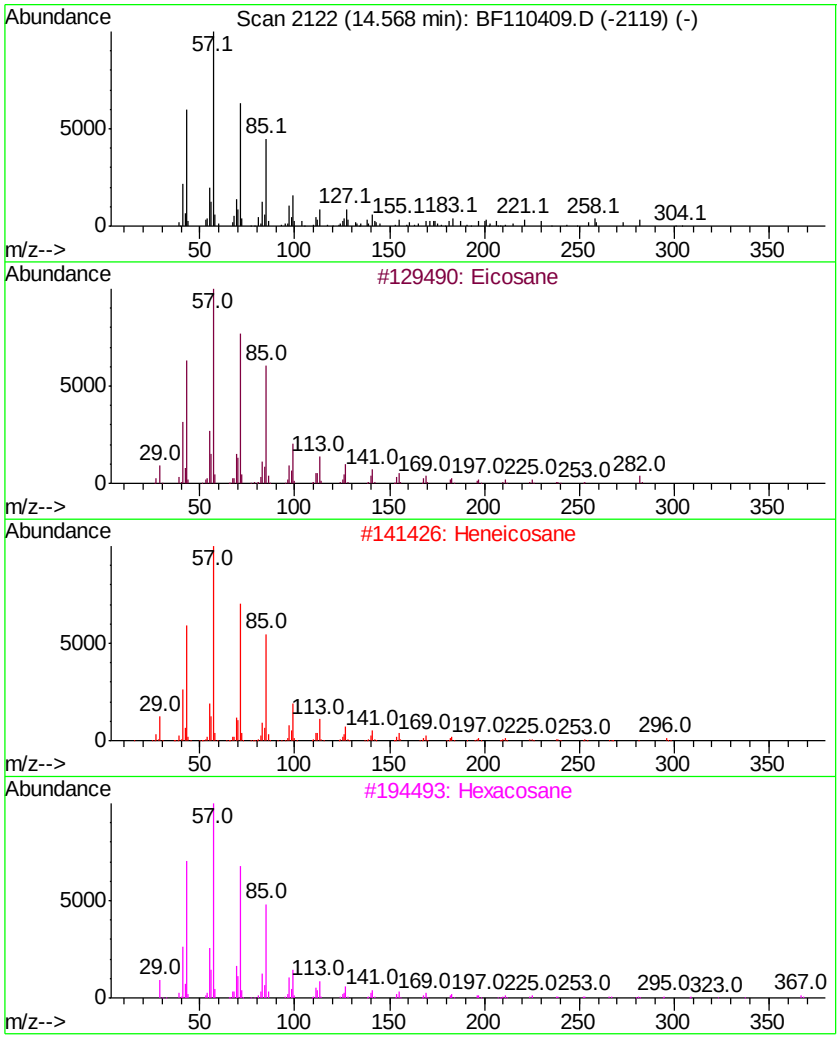
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

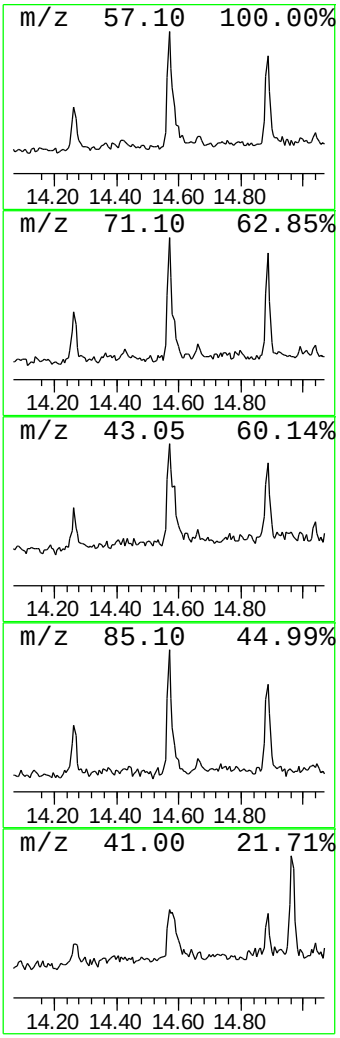
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.56 ng	120349	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

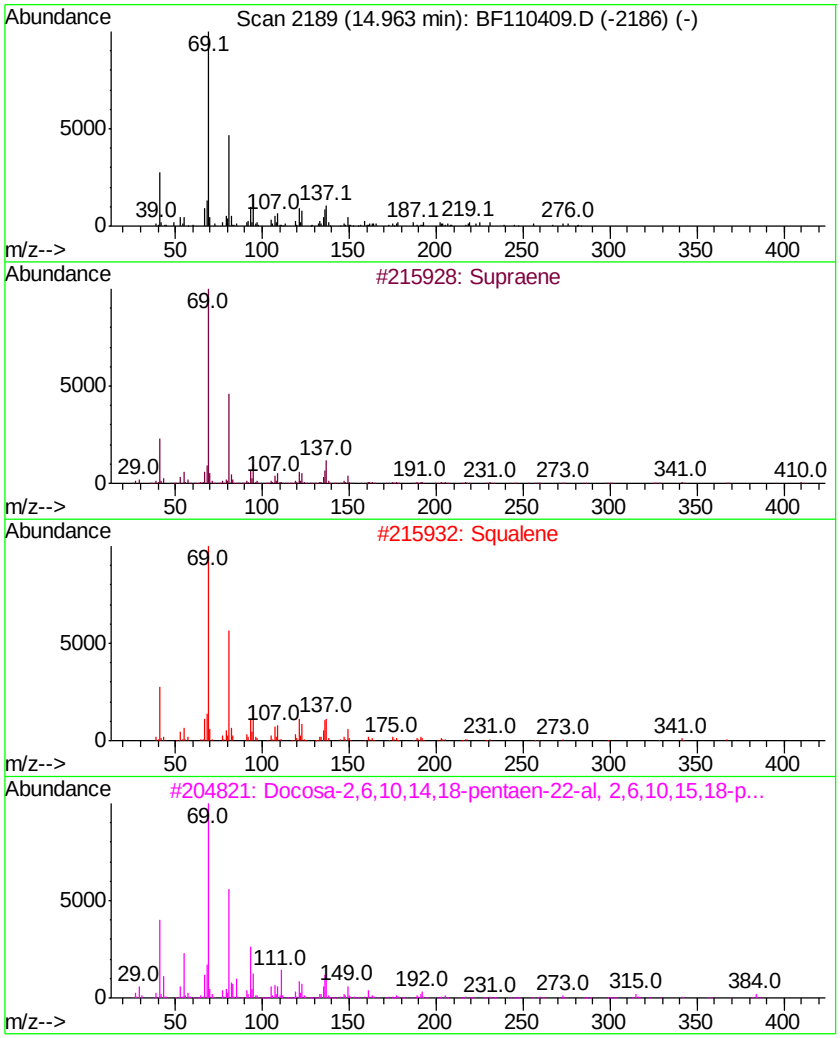
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

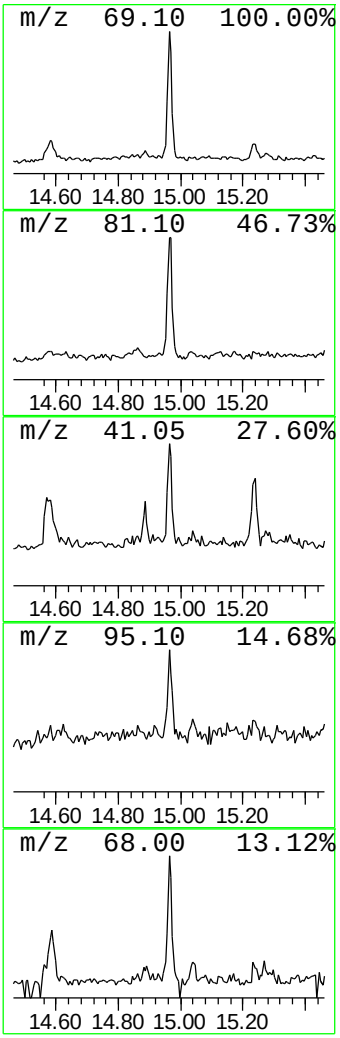
****

Peak Number 7 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.47 ng	92752	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	78





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Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

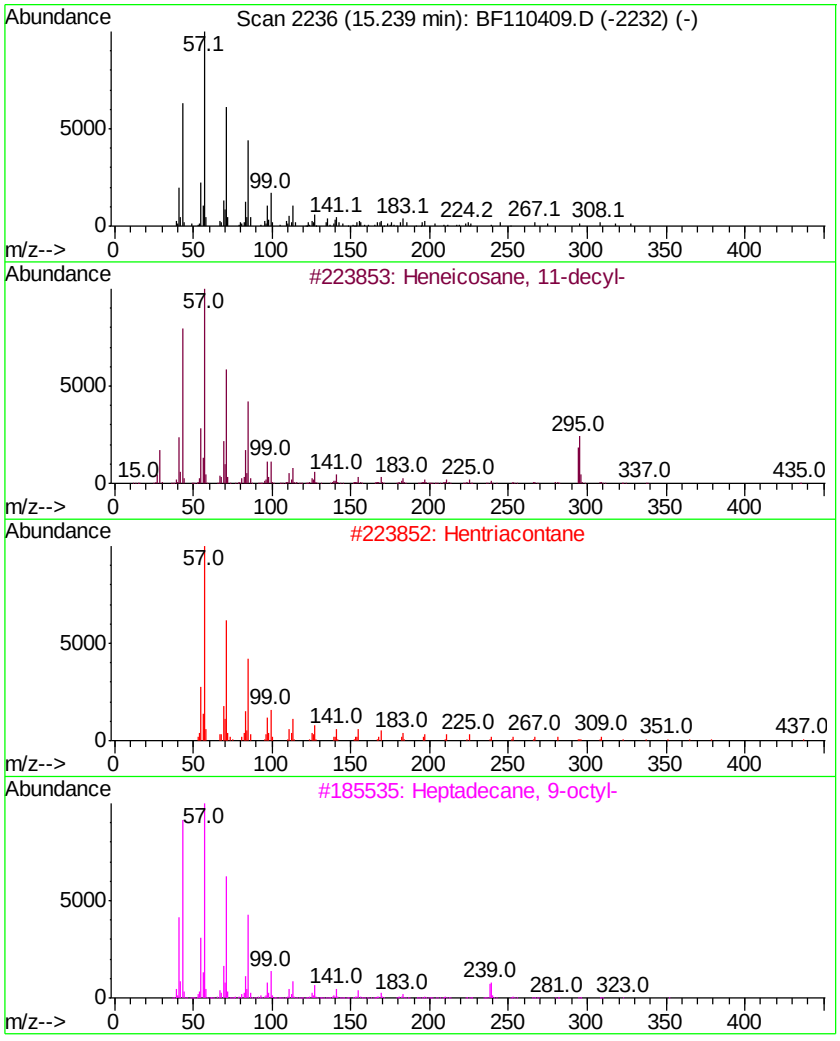
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

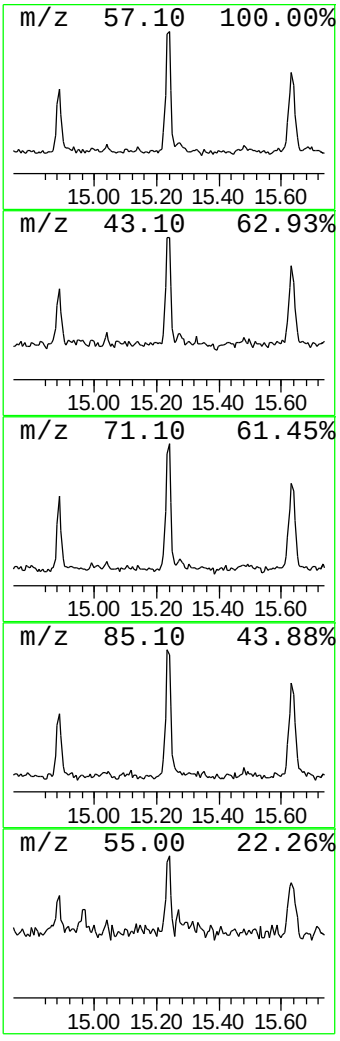
****

Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.60 ng	122783	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tetratetracontane	619	C44H90	007098-22-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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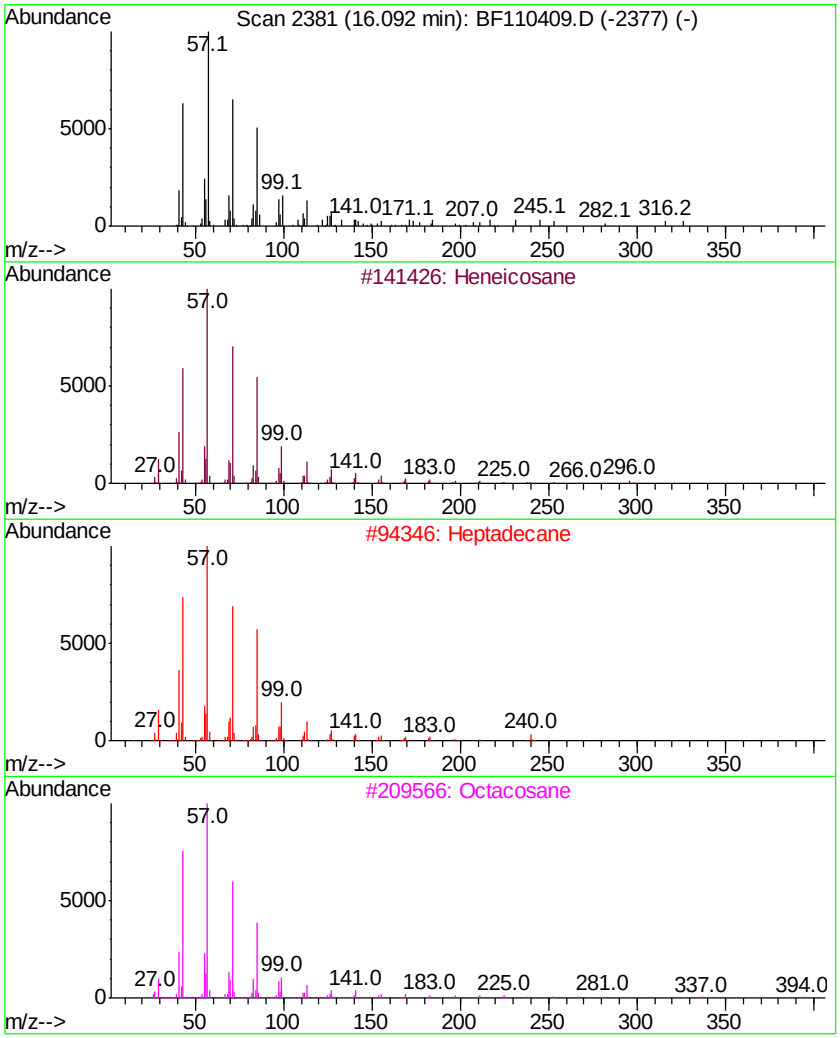
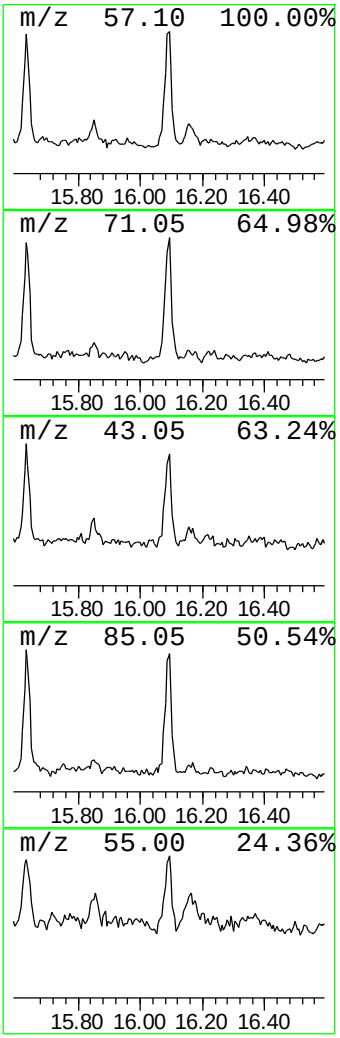
Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.82 ng	101939	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Pentacosane	352	C25H52	000629-99-2	86





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Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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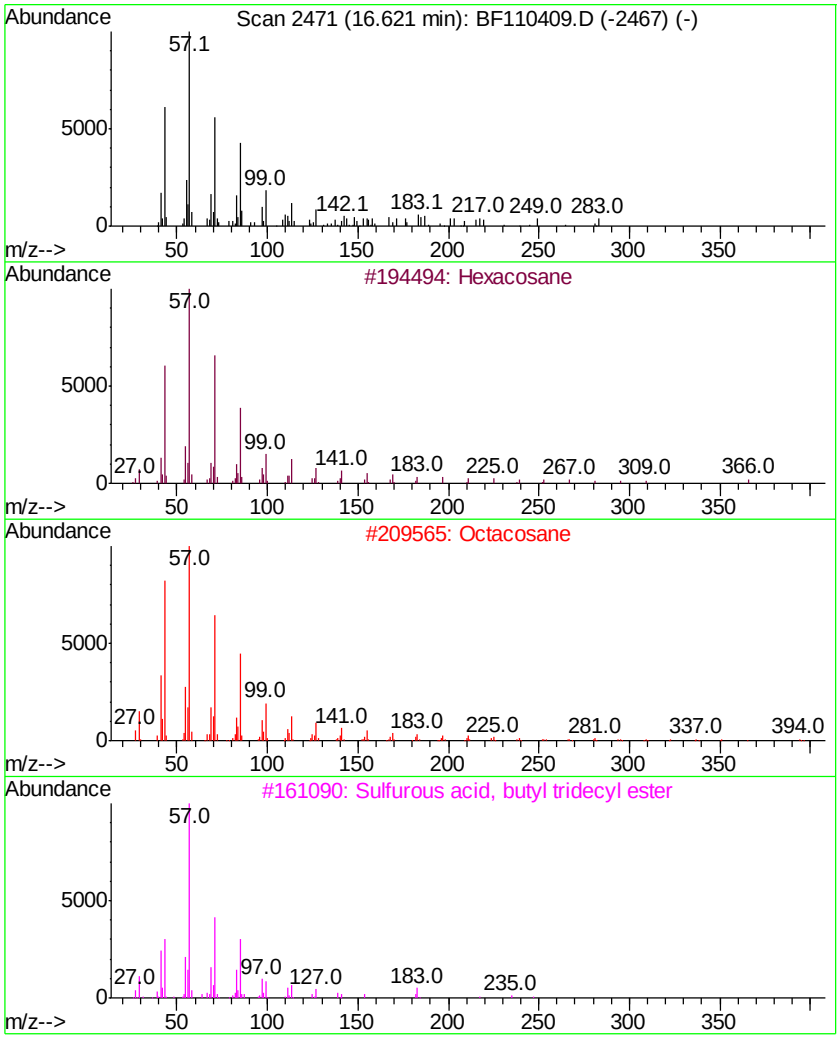
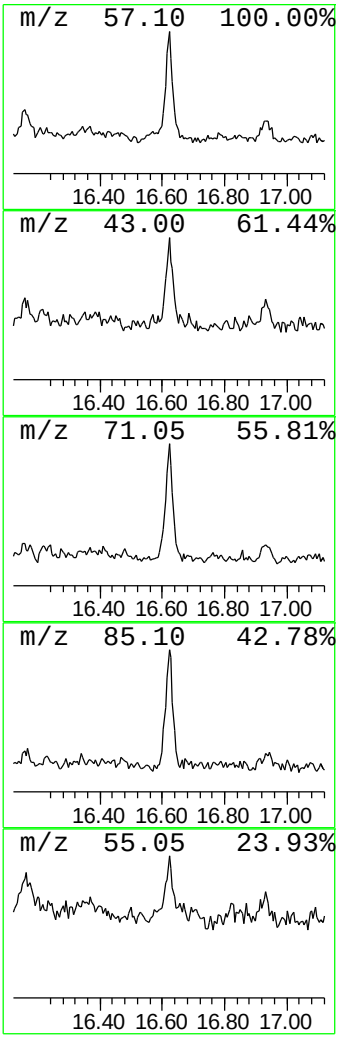
Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.26 ng	86895	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	83
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





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Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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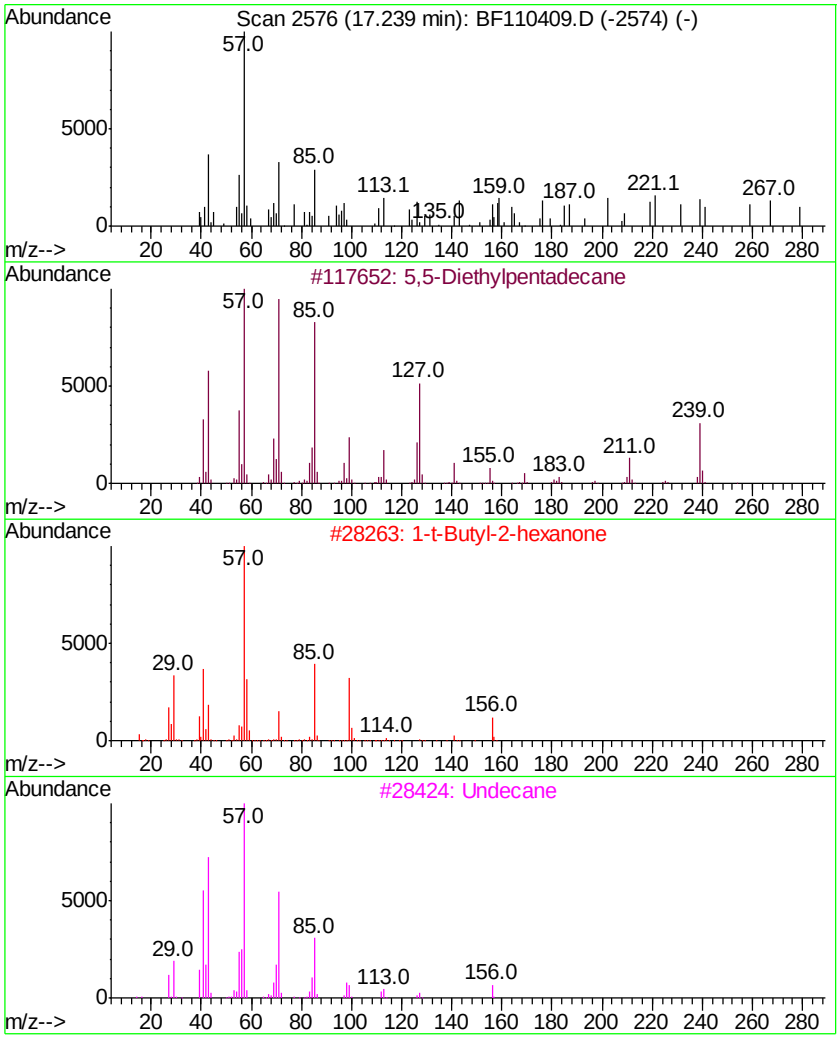
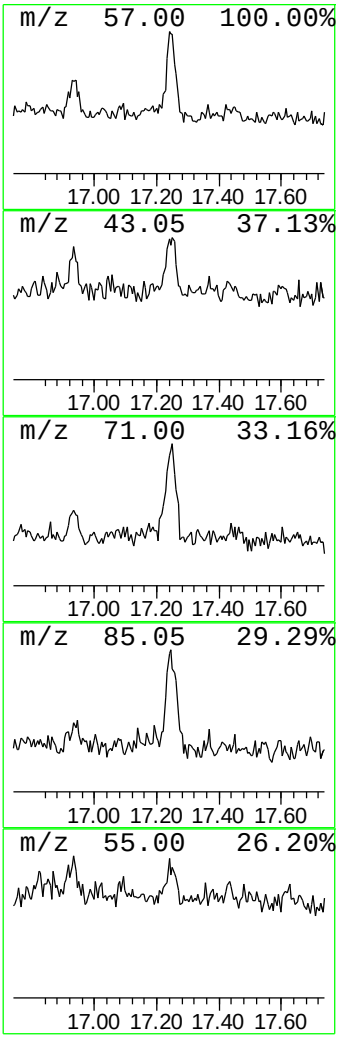
Peak Number 11 unknown17.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	2.03 ng	54214	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethylpentadecane	268	C19H40	1000360-41-0	10
2	1-t-Butyl-2-hexanone	156	C10H20O	022319-52-4	9
3	Undecane	156	C11H24	001120-21-4	9
4	Thiazolidine-2-thione, 4-tert-bu...	349	C14H17Cl2NOS2	1000264-76-3	9
5	2,2-Dimethyl-N-[2,2,2-trichloro-...	356	C13H16Cl4N2O	300382-21-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
Data File : BF110409.D
Acq On : 2 Nov 2018 13:56
Operator : JU/SJ
Sample : J5794-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.29	18.7	ng	451864	1	6.96	483702	20.0
2-Pentanone, 4-hy...	5.20	4.1	ng	98258	1	6.96	483702	20.0
unknown6.73	6.73	77.6	ng	1877000	1	6.96	483702	20.0
Pentafluoropropio...	13.95	7.6	ng	200237	5	14.13	527717	20.0
Eicosane	14.57	4.6	ng	120349	5	14.13	527717	20.0
Supraene	14.96	3.5	ng	92752	6	15.66	533845	20.0
Heneicosane, 11-d...	15.24	4.6	ng	122783	6	15.66	533845	20.0
Heneicosane	16.09	3.8	ng	101939	6	15.66	533845	20.0
Hexacosane	16.62	3.3	ng	86895	6	15.66	533845	20.0
unknown17.24	17.24	2.0	ng	54214	6	15.66	533845	20.0