LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

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-BF051019.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	5.463	570	574	599	rBV	2958157	3278608	94.43%	9.664%
2	6.475	742	746	764	rBV	3315062	3471949	100.00%	10.234%
3	6.604	764	768	778	rVB	3679293	3300667	95.07%	9.729%
4	6.828	803	806	816	rBV	1109365	939422	27.06%	2.769%
5	6.986	829	833	848	rVB	2726651	2466024	71.03%	7.269%
6	7.392	898	902	914	rBV	2030562	2079800	59.90%	6.131%
7	8.110	1021	1024	1042	rBV	1125434	1186116	34.16%	3.496%
8	9.186	1203	1207	1218	rBV	3335262	3127194	90.07%	9.218%
9	9.580	1270	1274	1283	rBV	367256	359278	10.35%	1.059%
10	9.863	1319	1322	1333	rVB	1257245	1274767	36.72%	3.758%
11	10.657	1453	1457	1471	rBV	1969155	2029099	58.44%	5.981%
12	11.351	1572	1575	1587	rBV	1220993	1236241	35.61%	3.644%
13	11.874	1660	1664	1667	rBV2	84935	104384	3.01%	0.308%
14	12.568	1780	1782	1786	rBV	32035	36838	1.06%	0.109%
15	12.798	1819	1821	1824	rBV	44201	43907	1.26%	0.129%
16	12.933	1840	1844	1852	rVB	2310963	2167744	62.44%	6.390%
17	13.498	1935	1940	1943	rBV2	52498	64523	1.86%	0.190%
18	13.615	1956	1960	1963	rBV	150914	143130	4.12%	0.422%
19	13.821	1993	1995	1998	rBV	77354	75140	2.16%	0.221%
20	13.857	1998	2001	2013	rVB9	69520	182487	5.26%	0.538%
21	13.957	2015	2018	2021	rBV	63593	58514	1.69%	0.172%
22	13.998	2021	2025	2033	rVV	994691	1060705	30.55%	3.127%
23	14.139	2046	2049	2056	rBV	140356	130944	3.77%	0.386%
24	14.262	2067	2070	2073	rBV	156822	136189	3.92%	0.401%
25	14.445	2097	2101	2105	rBV	253032	236033	6.80%	0.696%
26	14.745	2148	2152	2156	rBV	390694	375246	10.81%	1.106%
27	14.892	2174	2177	2181	rVB	91465	95225	2.74%	0.281%
28	15.080	2204	2209	2213	rBV	529295	599619	17.27%	1.767%
29	15.462	2267	2274	2284	rBV2	981405	1786002	51.44%	5.265%
30	15.645	2303	2305	2310	rBV5	31588	43644	1.26%	0.129%
31	15.880	2339	2345	2360	rVB	421339	786315	22.65%	2.318%
32	16.374	2423	2429	2435	rVB	193857	364789	10.51%	1.075%
33	17.539	2621	2627	2635	rVB7	133969	295787	8.52%	0.872%
34	18.009	2702	2707	2719	rVB9	143283	388488	11.19%	1.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 33924818

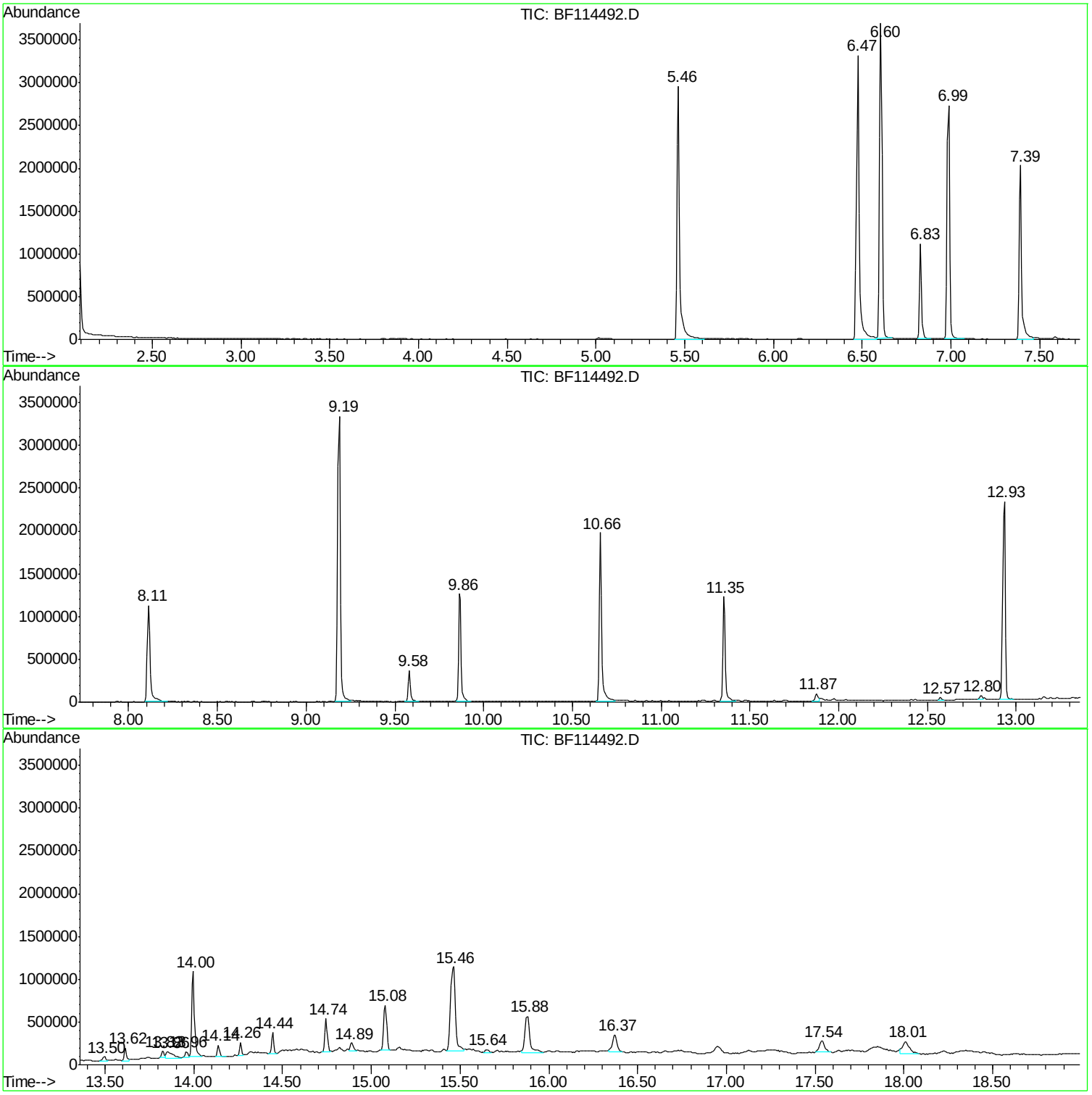
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

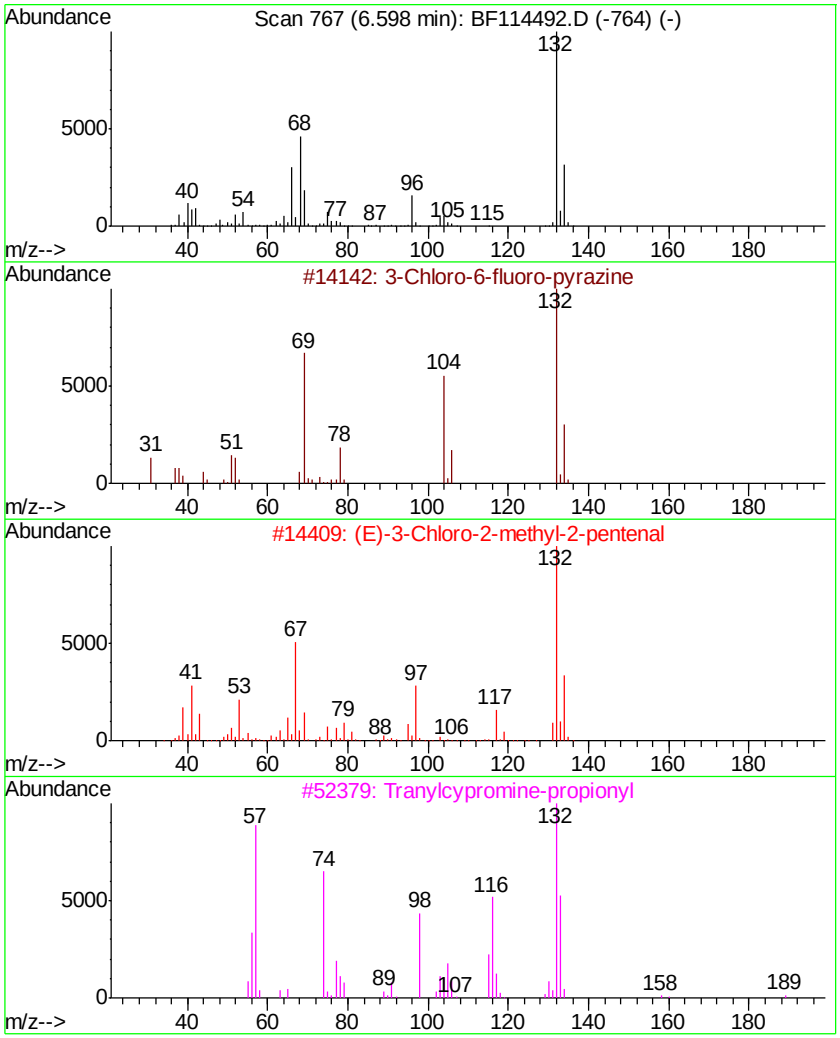
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

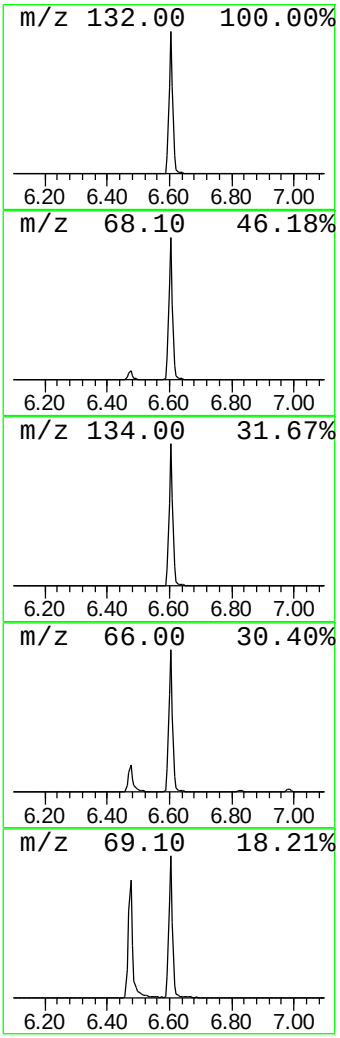
****

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	70.27 ng	3300670	1,4-Dichlorobenzene-d4	6.83

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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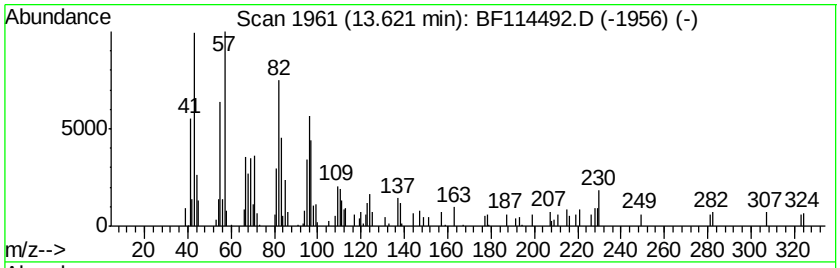
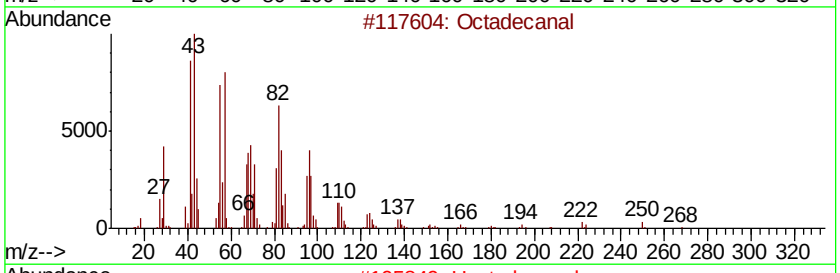
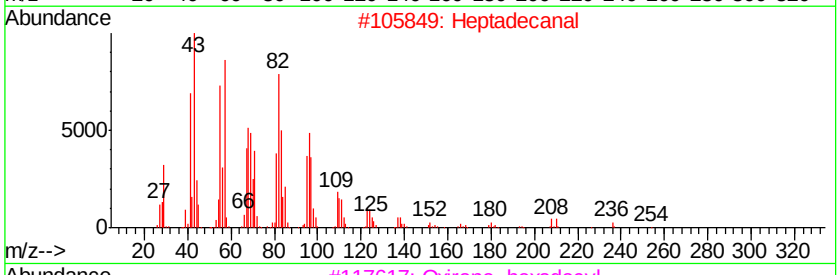
Peak Number 3 Octadecanal Concentration Rank 11

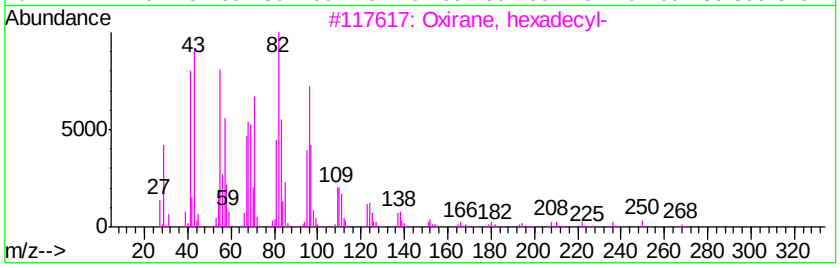
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.70 ng	143130	Chrysene-d12	14.00

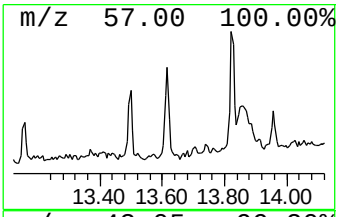
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Heptadecanal	254	C17H34O	1000376-70-0	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	Hexadecanal	240	C16H32O	000629-80-1	87

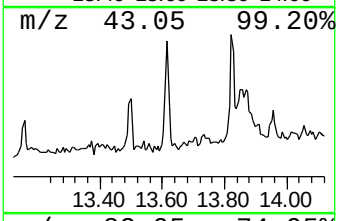


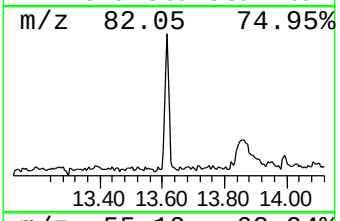


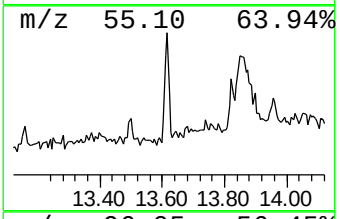


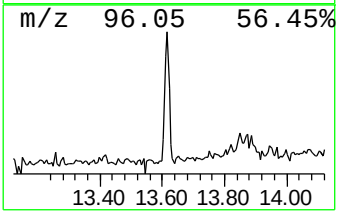












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

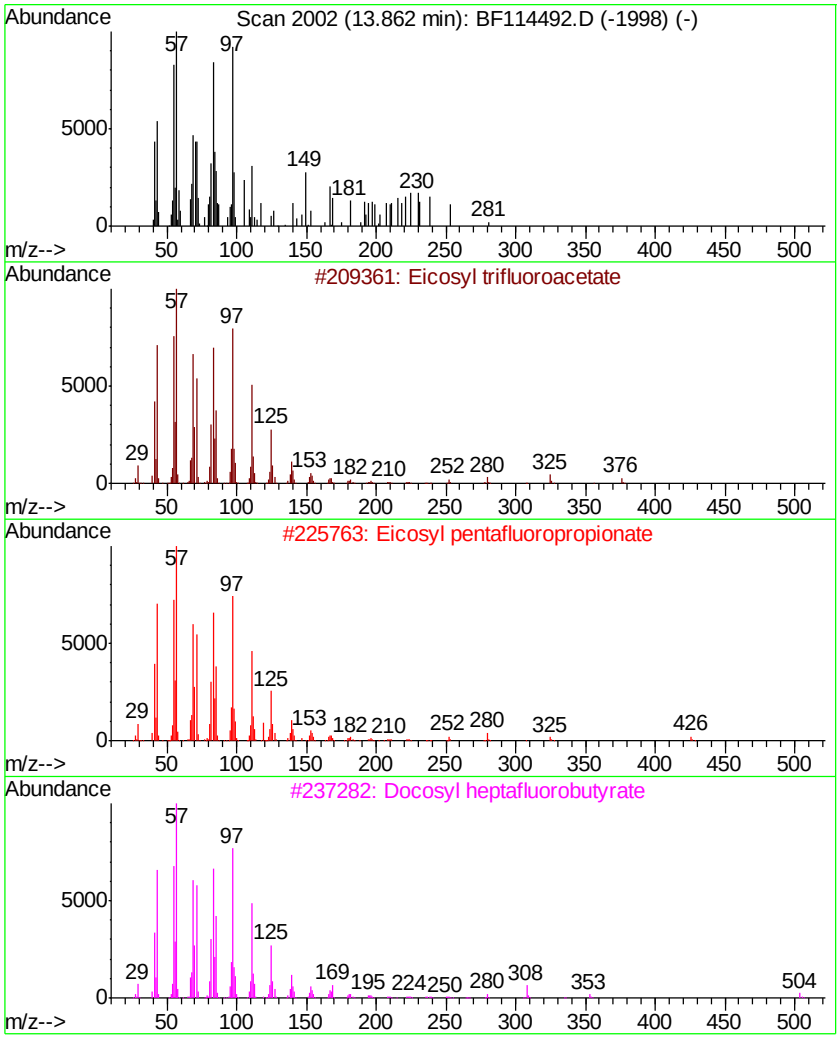
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

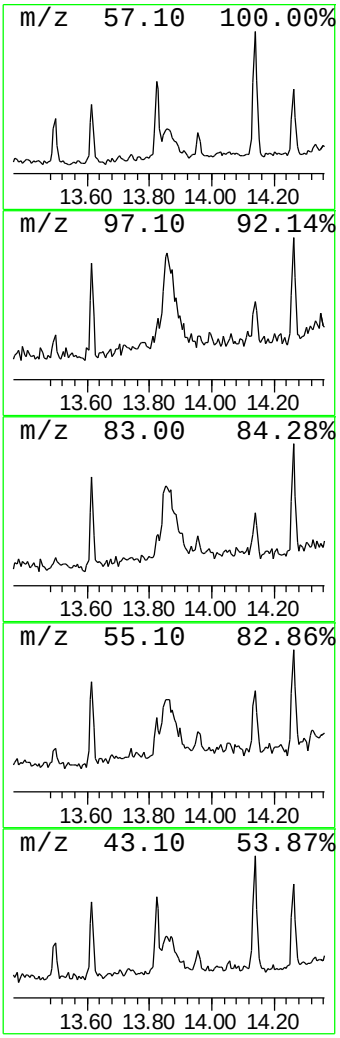
****

Peak Number 4 Eicosyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.44 ng	182487	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	53
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	49
3	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	49
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	49
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

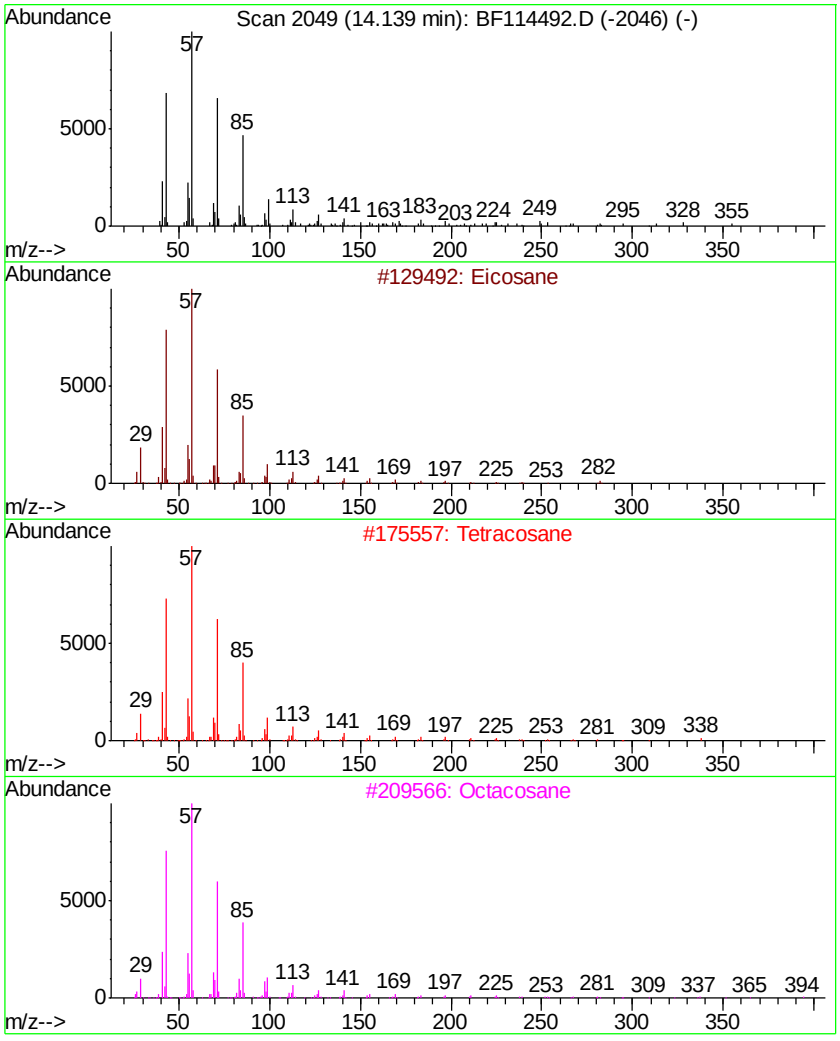
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

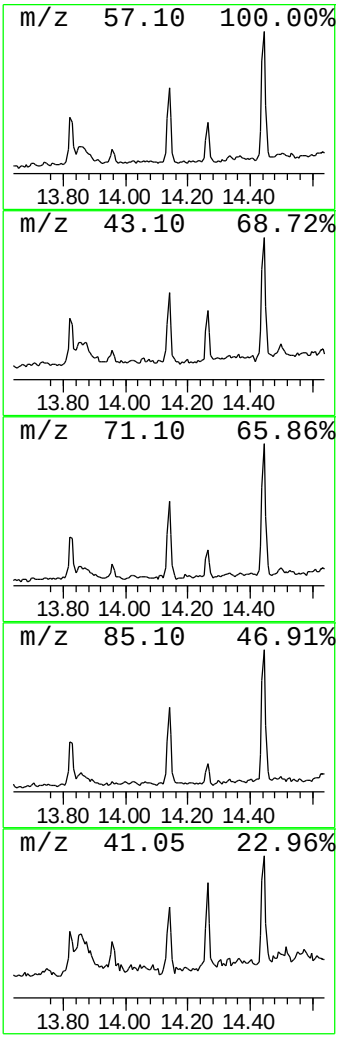
****

Peak Number 5 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.47 ng	130944	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

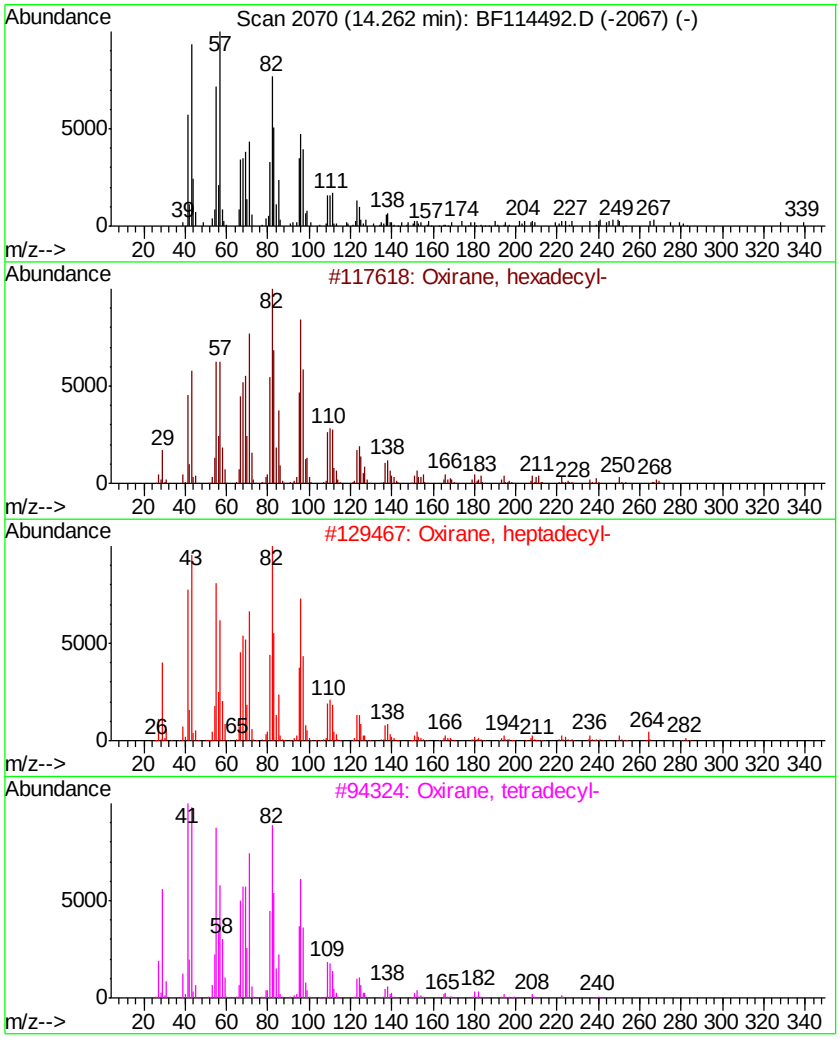
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

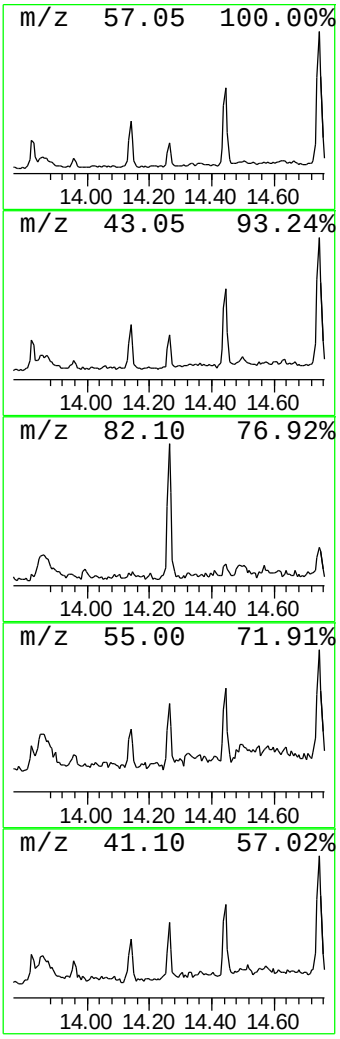
****

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.57 ng	136189	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
4	Octadecanal	268	C18H36O	000638-66-4	90
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

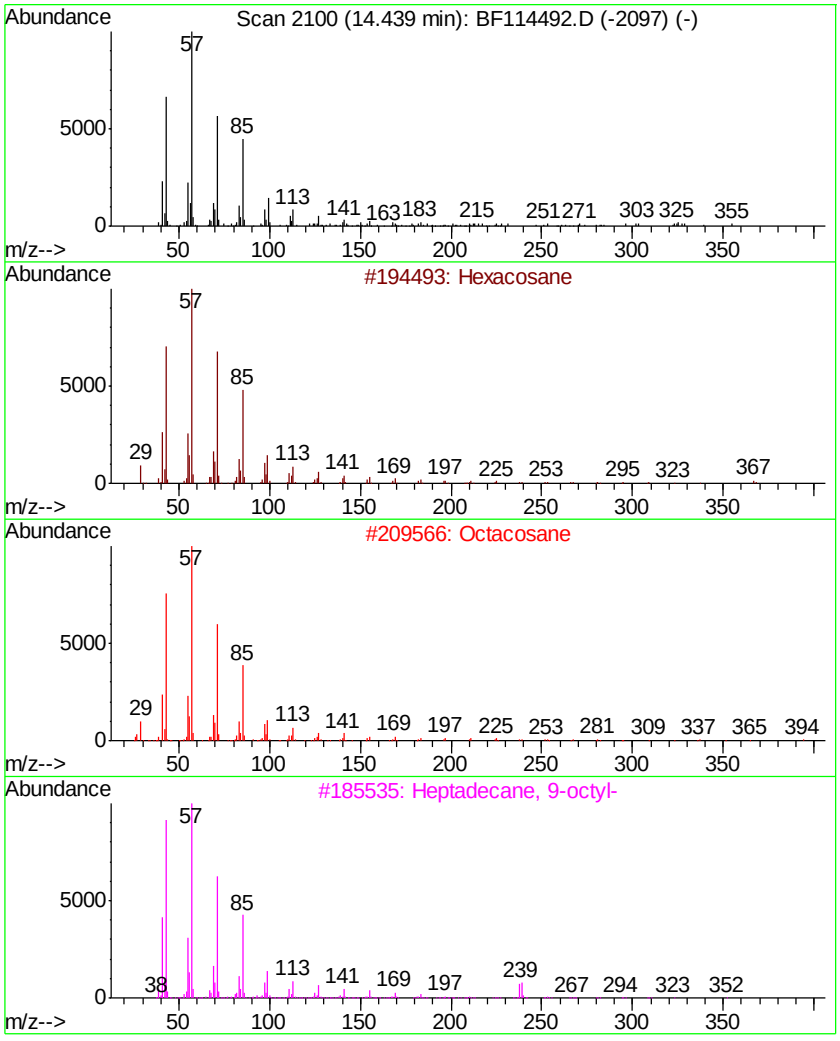
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

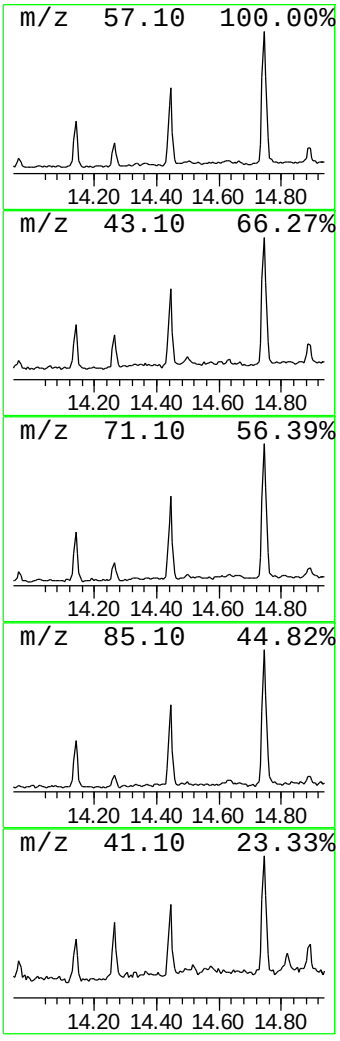
****

Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	4.45 ng	236033	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
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Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

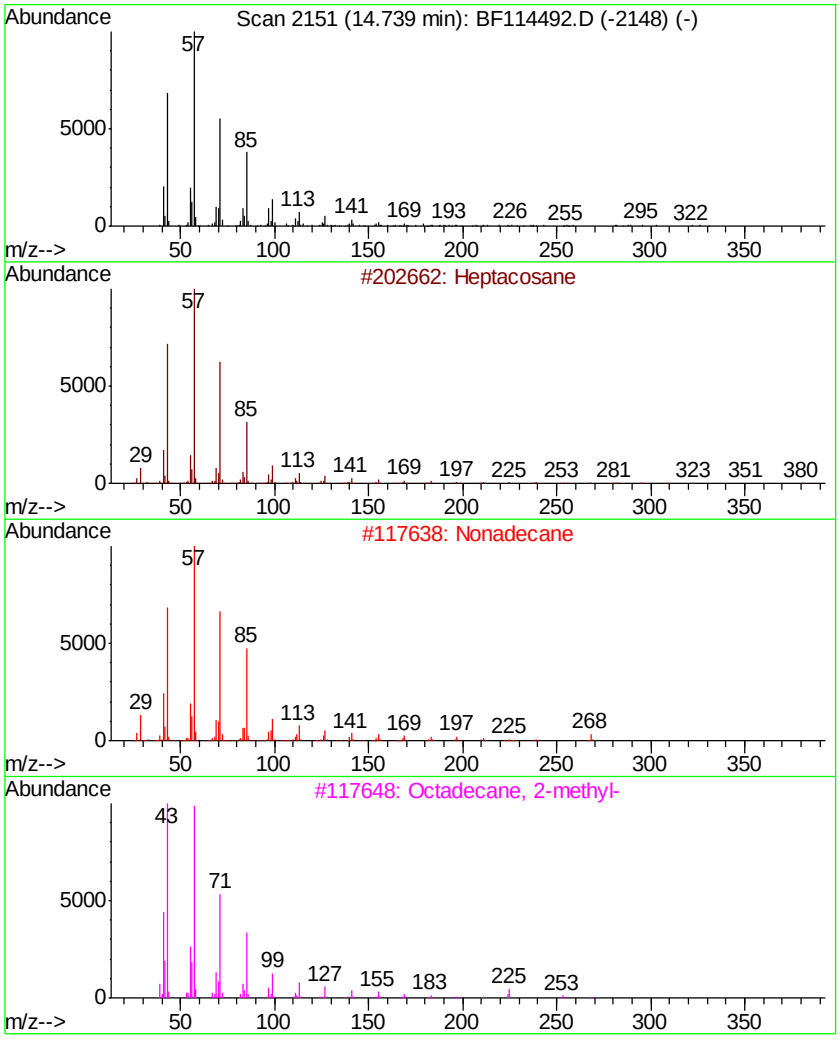
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

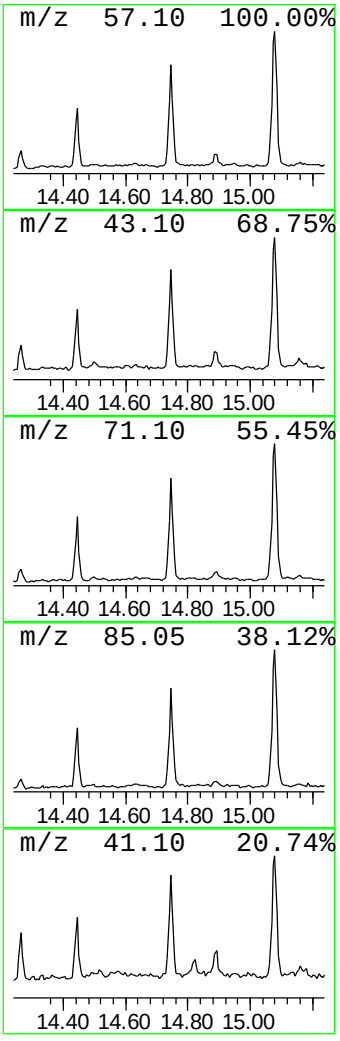
****

Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.20 ng	375246	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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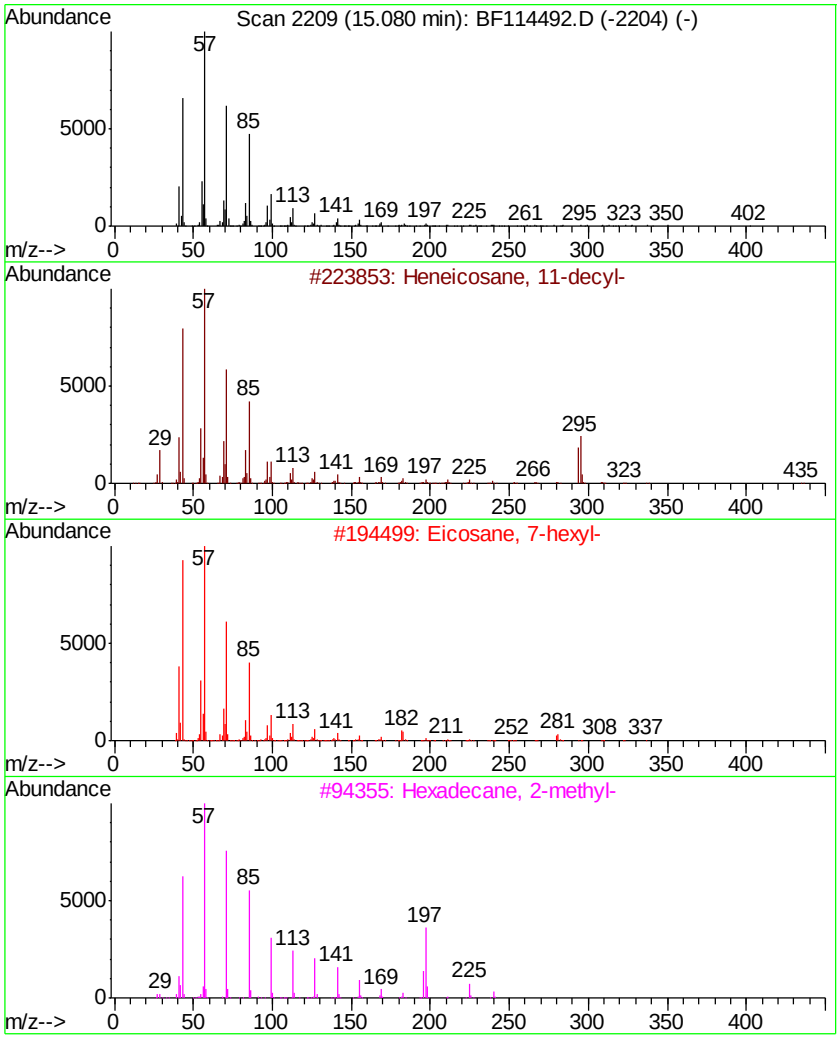
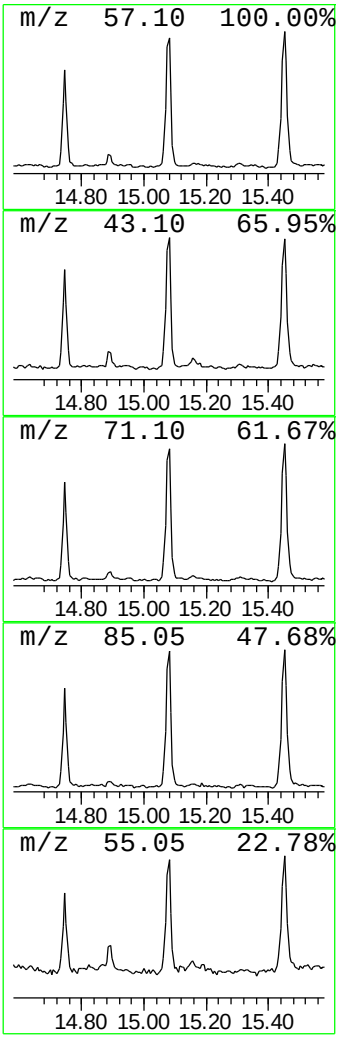
Peak Number 9 Heneicosane, 11-decyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.71 ng	599619	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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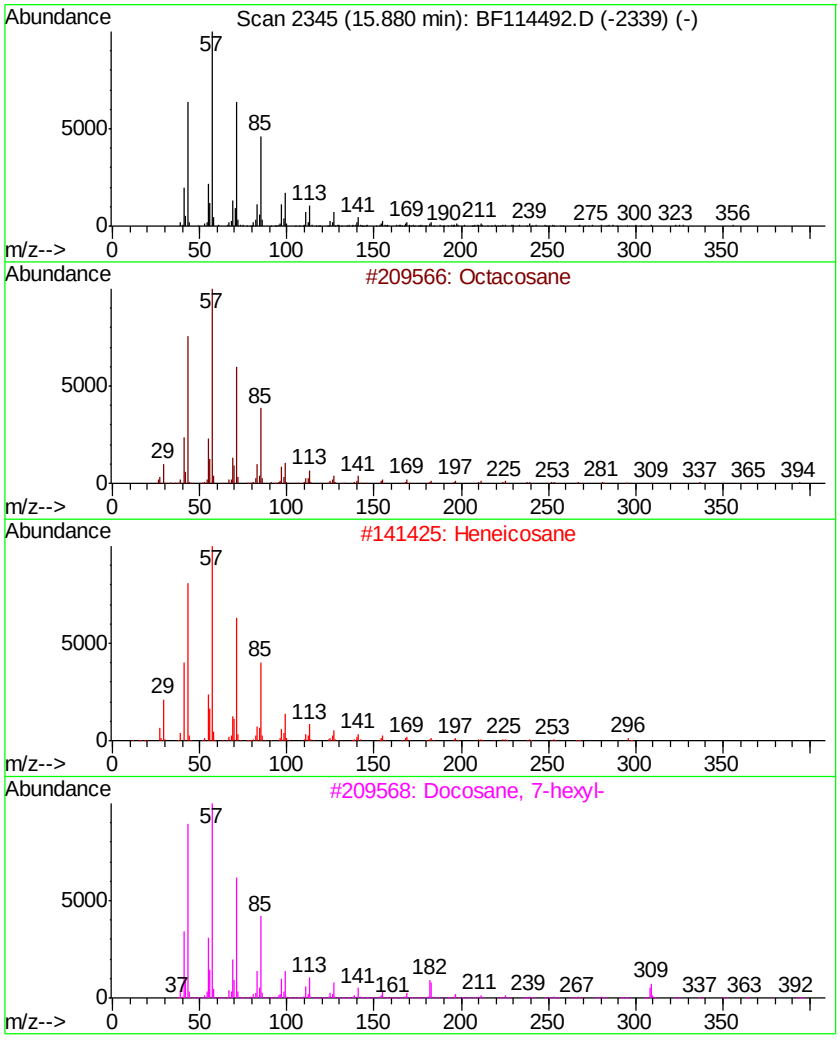
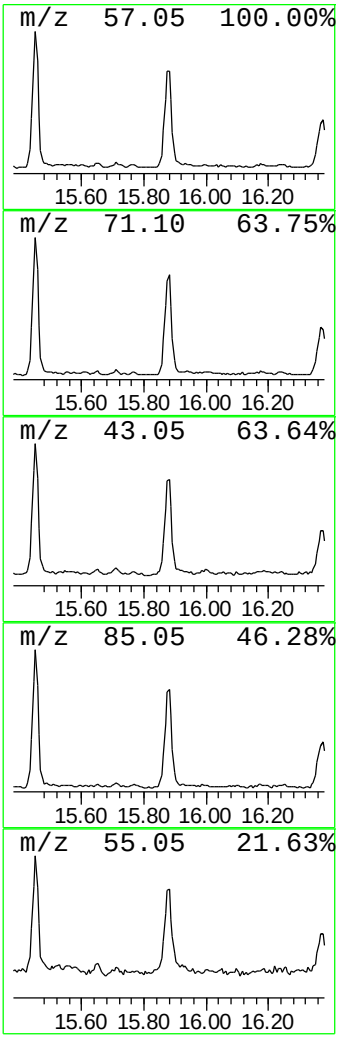
Peak Number 10 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	8.81 ng	786315	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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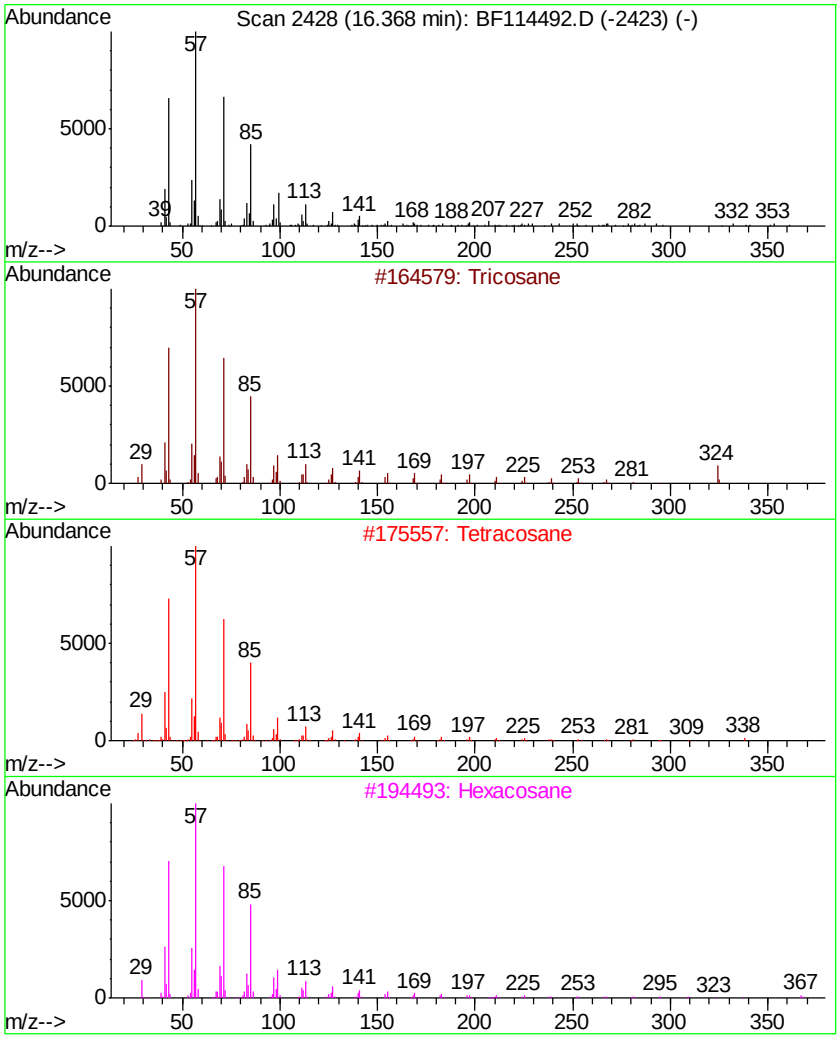
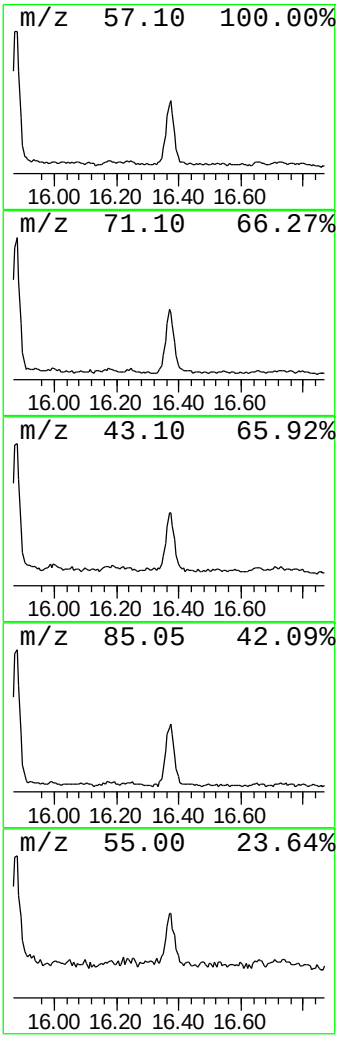
Peak Number 11 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.08 ng	364789	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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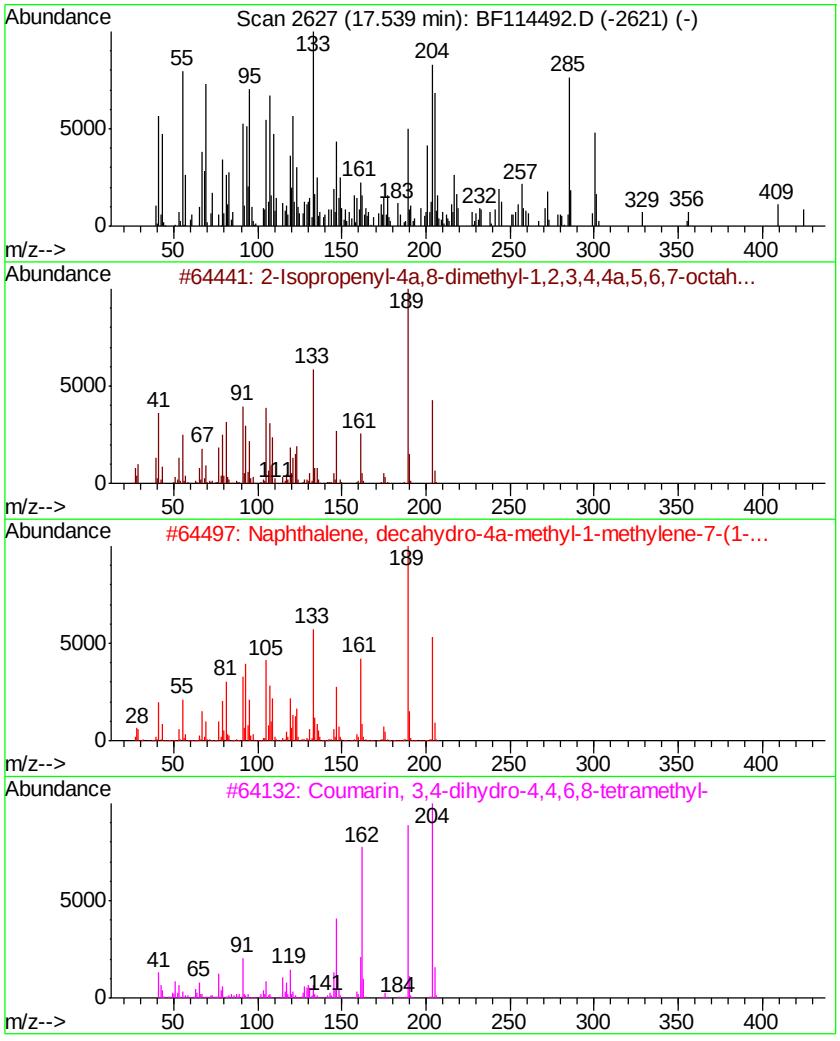
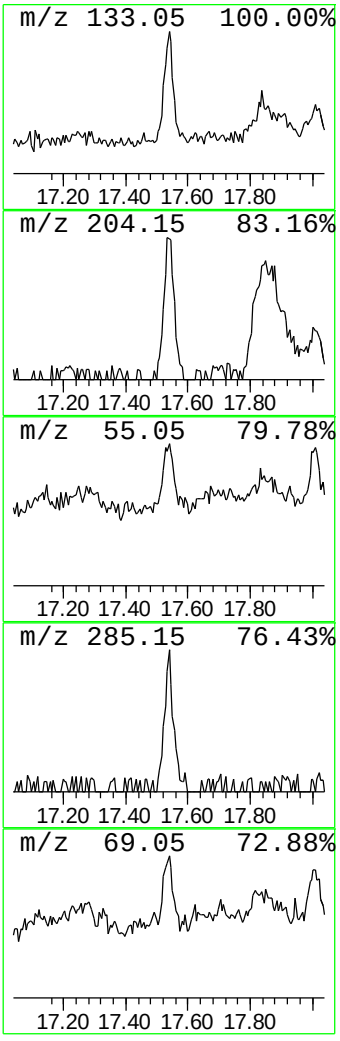
Peak Number 12 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.31 ng	295787	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	64
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	60
3	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	52
4	(-)-1,2,2.alpha.,3,3,4,6,7,8,8.a...	204	C15H24	1000365-86-7	30
5	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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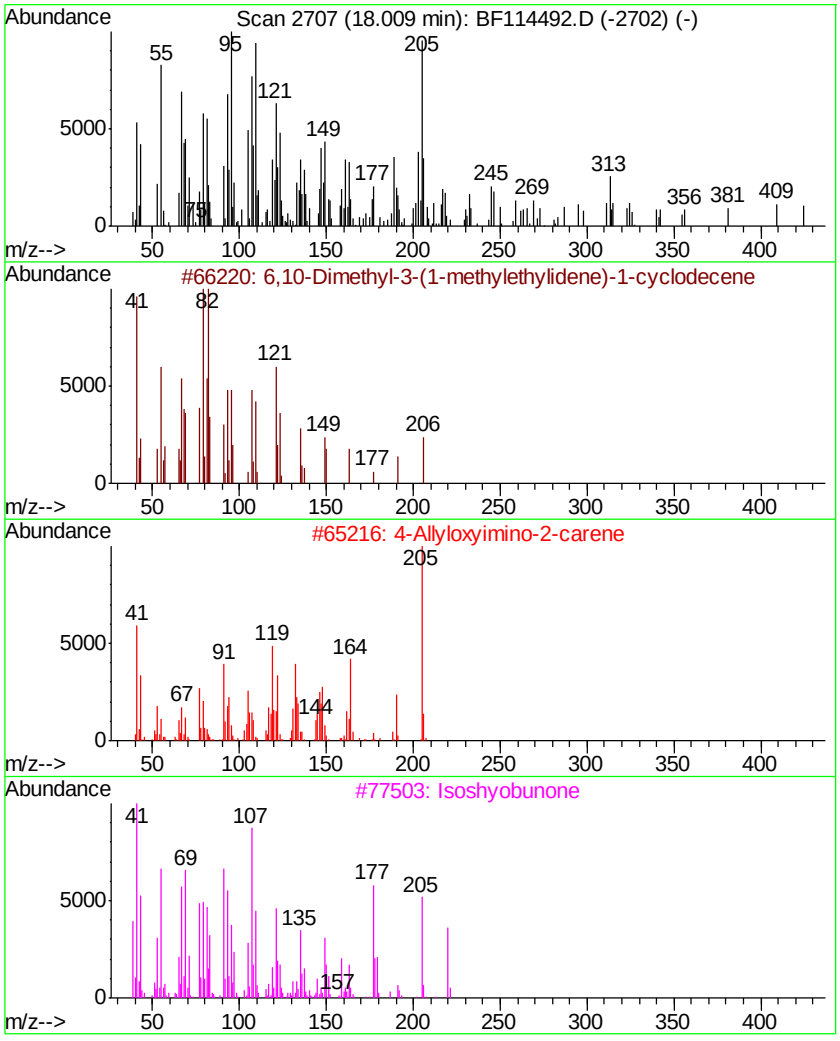
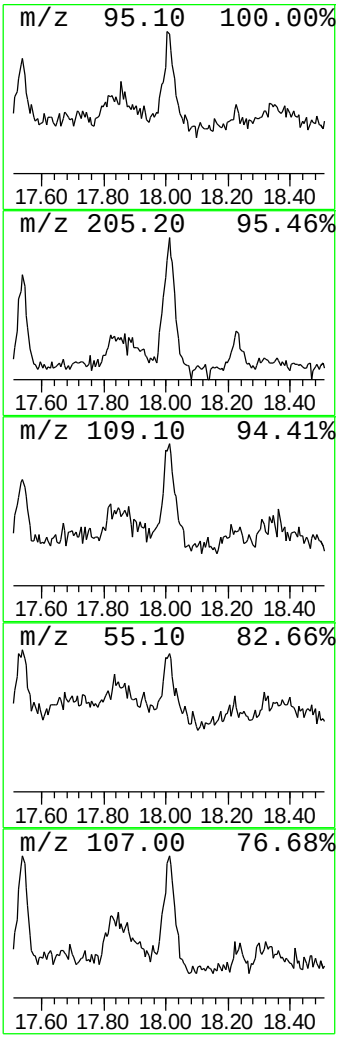
Peak Number 13 unknown18.01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.35 ng	388488	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	46
2	4-Allyloxyimino-2-carene	205	C13H19NO	1000140-09-0	41
3	Isoshyobunone	220	C15H24O	1000360-30-1	35
4	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	30
5	2H-2a,7-Methanoazuleno[5,6-b]oxi...	220	C15H24O	029597-36-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052219\
Data File : BF114492.D
Acq On : 22 May 2019 19:28
Operator : JU/SJ
Sample : K2970-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	70.3	ng	3300670	1	6.83	939422	20.0
Octadecanal	13.62	2.7	ng	143130	5	14.00	1060710	20.0
Eicosyl trifluoro...	13.86	3.4	ng	182487	5	14.00	1060710	20.0
Eicosane	14.14	2.5	ng	130944	5	14.00	1060710	20.0
Oxirane, hexadecyl-	14.26	2.6	ng	136189	5	14.00	1060710	20.0
Hexacosane	14.44	4.5	ng	236033	5	14.00	1060710	20.0
Heptacosane	14.74	4.2	ng	375246	6	15.46	1786000	20.0
Heneicosane, 11-d...	15.08	6.7	ng	599619	6	15.46	1786000	20.0
Octacosane	15.88	8.8	ng	786315	6	15.46	1786000	20.0
Tricosane	16.37	4.1	ng	364789	6	15.46	1786000	20.0
2-Isopropenyl-4a,...	17.54	3.3	ng	295787	6	15.46	1786000	20.0
unknown18.01	18.01	4.3	ng	388488	6	15.46	1786000	20.0