LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

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-BF012020.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	2.157	6	12	21	rVB	1193674	1655621	27.44%	3.417%
2	2.263	27	30	38	rVB2	43802	68290	1.13%	0.141%
3	5.087	507	510	515	rVB	64872	76006	1.26%	0.157%
4	5.487	573	578	581	rBV	4726408	4506193	74.69%	9.300%
5	6.492	743	749	760	rBV	4442377	4647408	77.03%	9.591%
6	6.863	809	812	816	rBV	1707052	1376065	22.81%	2.840%
7	7.022	835	839	842	rBV	4846226	4031747	66.83%	8.320%
8	7.422	902	907	910	rBV	3226547	2934267	48.64%	6.056%
9	8.145	1026	1030	1034	rBV	2145158	1761577	29.20%	3.635%
10	8.822	1138	1145	1152	rBV	103078	106518	1.77%	0.220%
11	9.222	1208	1213	1216	rBV	6607997	6033225	100.00%	12.451%
12	9.610	1275	1279	1282	rBV	671074	513628	8.51%	1.060%
13	9.898	1324	1328	1332	rBV	2409511	2042358	33.85%	4.215%
14	10.686	1457	1462	1465	rBV	3814655	3462949	57.40%	7.147%
15	10.775	1474	1477	1480	rVB	221281	163961	2.72%	0.338%
16	11.339	1569	1573	1576	rBV2	119211	120145	1.99%	0.248%
17	11.380	1576	1580	1584	rBV	2099379	1868025	30.96%	3.855%
18	11.692	1628	1633	1638	rVB	64799	63901	1.06%	0.132%
19	11.874	1660	1664	1665	rBV	95893	93569	1.55%	0.193%
20	11.910	1665	1670	1685	rVB	658976	751773	12.46%	1.551%
21	12.233	1722	1725	1735	rBV	262273	292978	4.86%	0.605%
22	12.616	1783	1790	1798	rBV3	166923	356133	5.90%	0.735%
23	12.692	1799	1803	1817	rVB	196774	277933	4.61%	0.574%
24	12.863	1826	1832	1845	rBV	340674	457192	7.58%	0.944%
25	12.963	1845	1849	1853	rBV	5591755	5145253	85.28%	10.618%
26	13.857	1998	2001	2013	rBV	496497	583659	9.67%	1.205%
27	14.015	2024	2028	2032	rBV	1649136	1437668	23.83%	2.967%
28	14.180	2053	2056	2064	rBV	62150	67427	1.12%	0.139%
29	14.486	2105	2108	2119	rBV	100323	121878	2.02%	0.252%
30	14.792	2157	2160	2165	rVB	114614	113281	1.88%	0.234%
31	14.868	2170	2173	2176	rVB	64311	67380	1.12%	0.139%
32	15.133	2214	2218	2222	rBV	137413	172016	2.85%	0.355%
33	15.480	2271	2277	2281	rBV	1410784	1771012	29.35%	3.655%
34	15.509	2281	2282	2290	rVB	143359	160022	2.65%	0.330%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.951	2352	2357	2362	rBV	117053	180571	2.99%	0.373%
36	16.004	2362	2366	2375	rVV6	42688	91951	1.52%	0.190%
37	16.456	2438	2443	2459	rVB3	80206	186664	3.09%	0.385%
38	16.933	2518	2524	2537	rVB5	47834	156639	2.60%	0.323%
39	17.056	2540	2545	2553	rVB4	34300	70838	1.17%	0.146%
40	17.727	2651	2659	2673	rVB4	168450	467909	7.76%	0.966%

Sum of corrected areas: 48455630

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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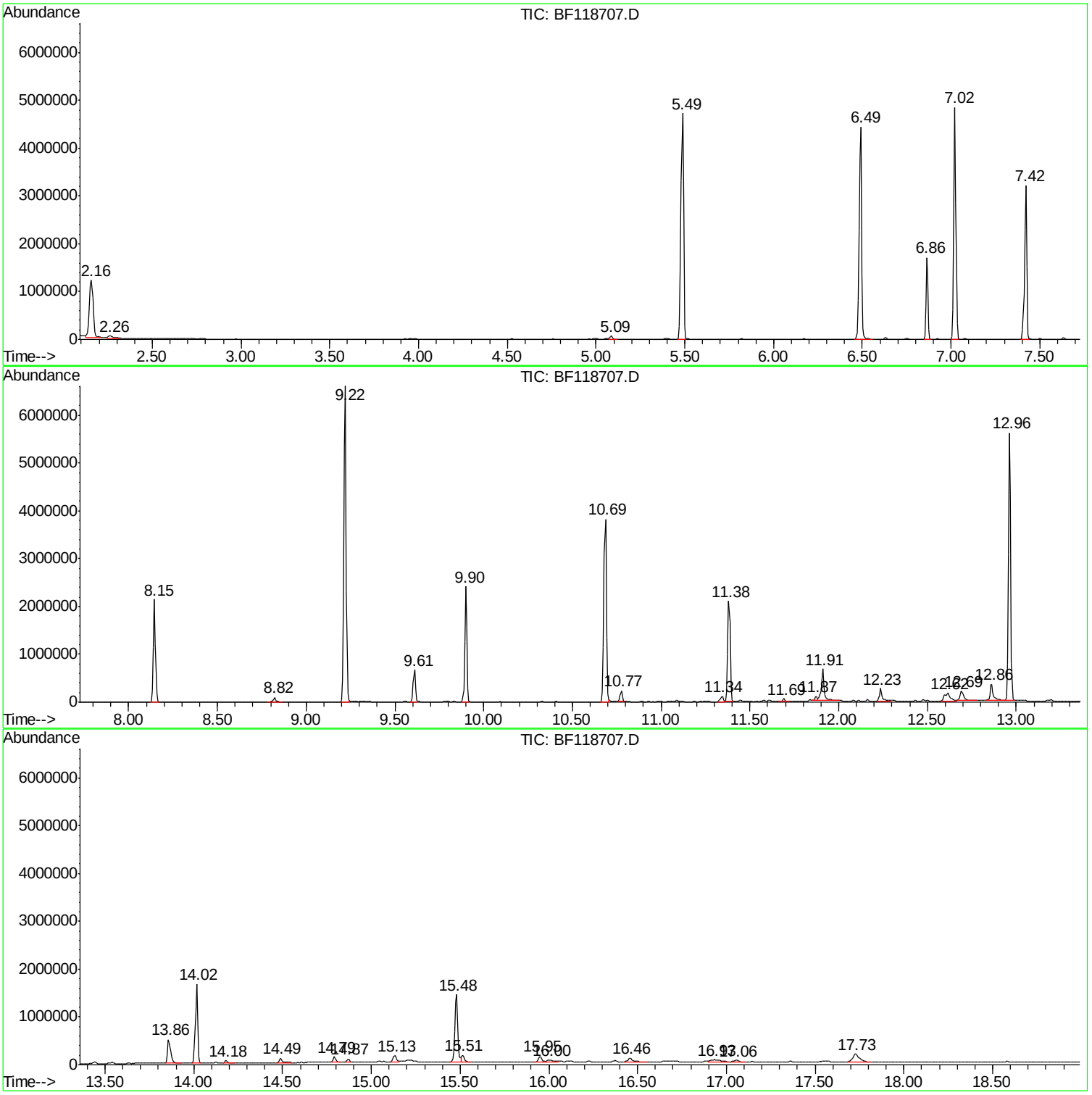
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

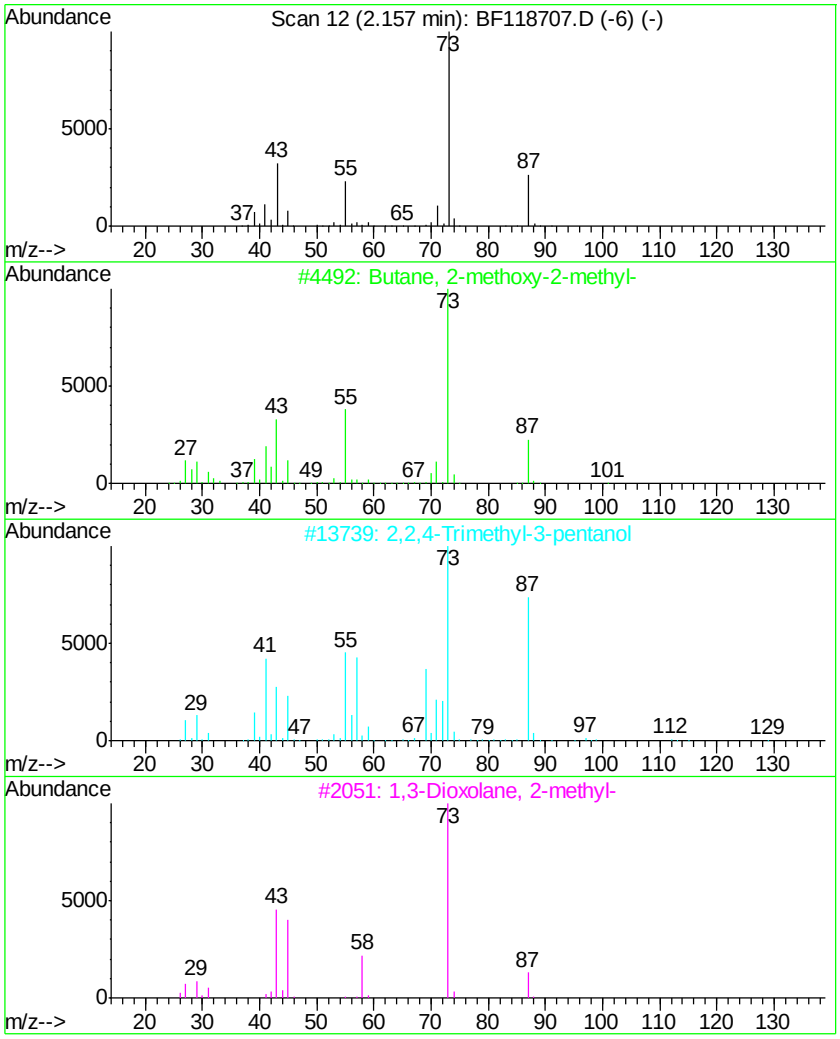
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

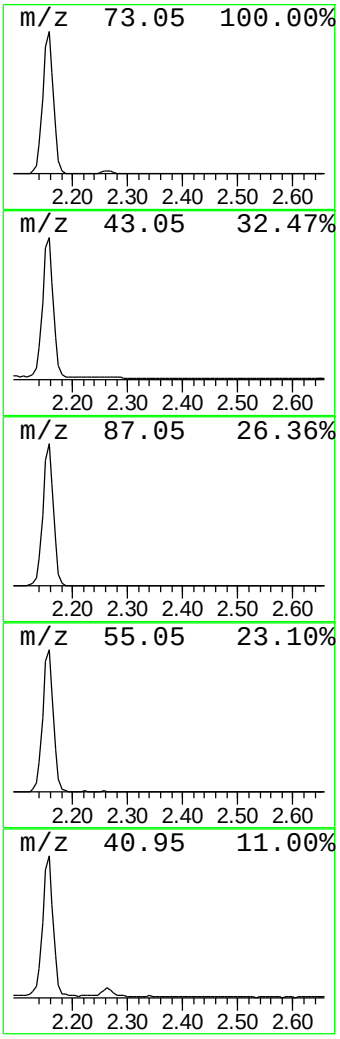
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	24.06 ng	1655620	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

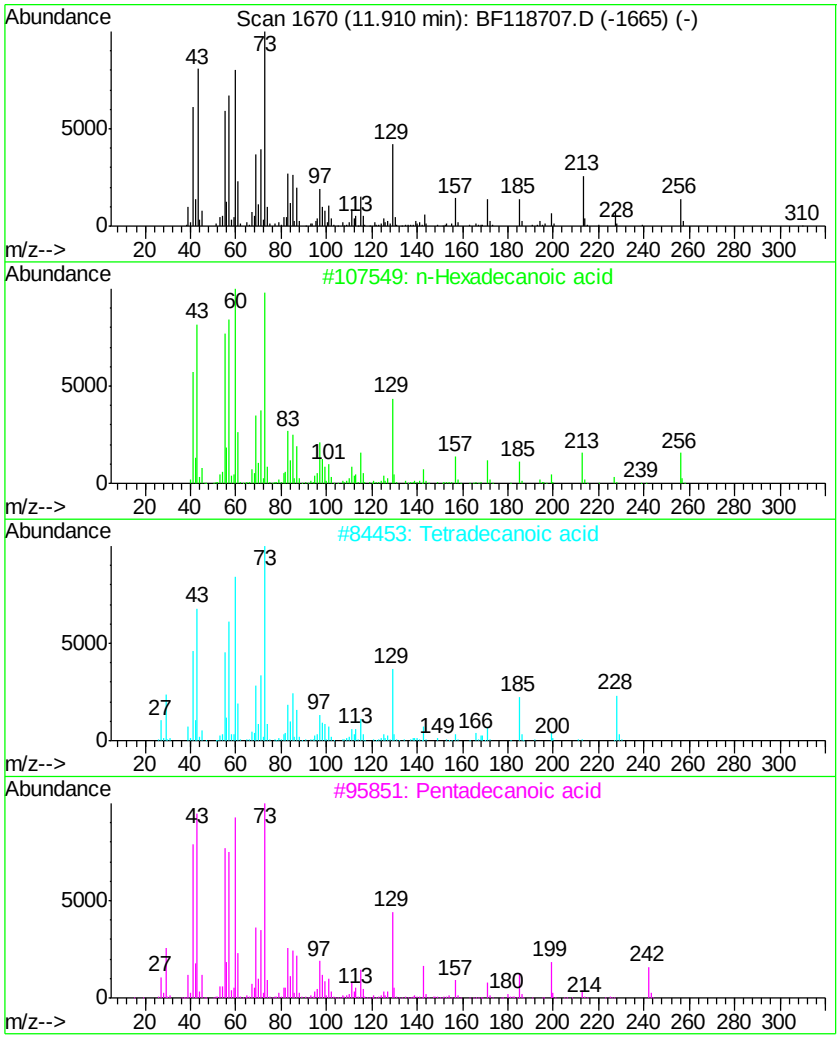
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

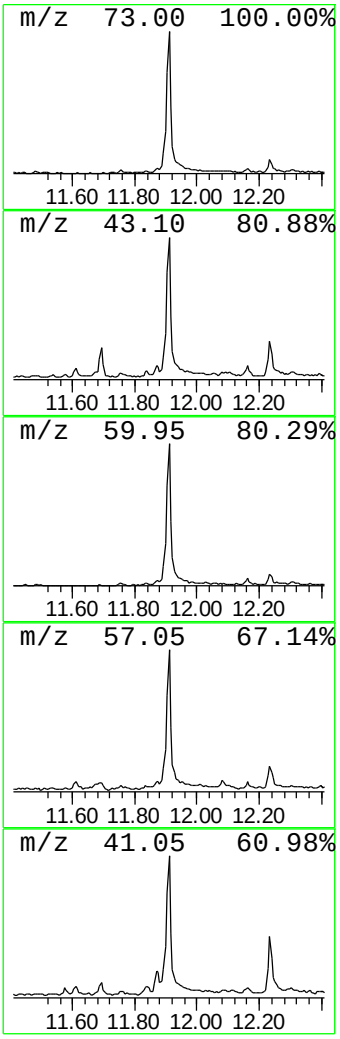
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.05 ng	751773	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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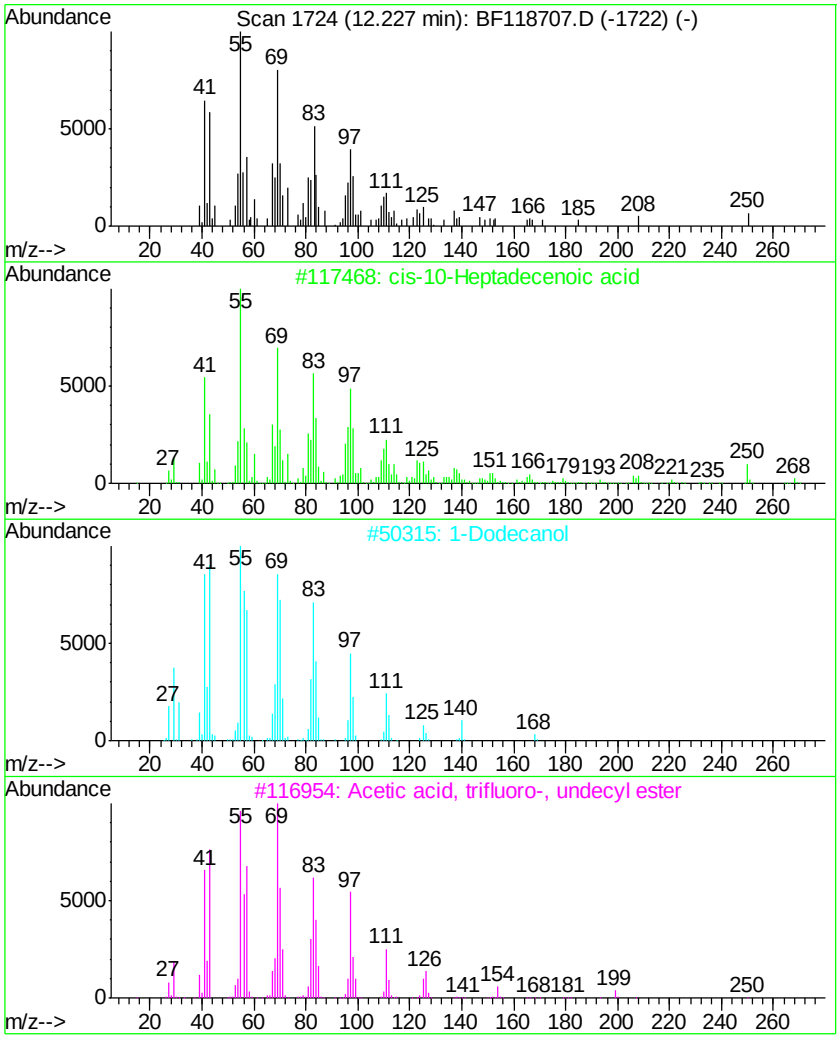
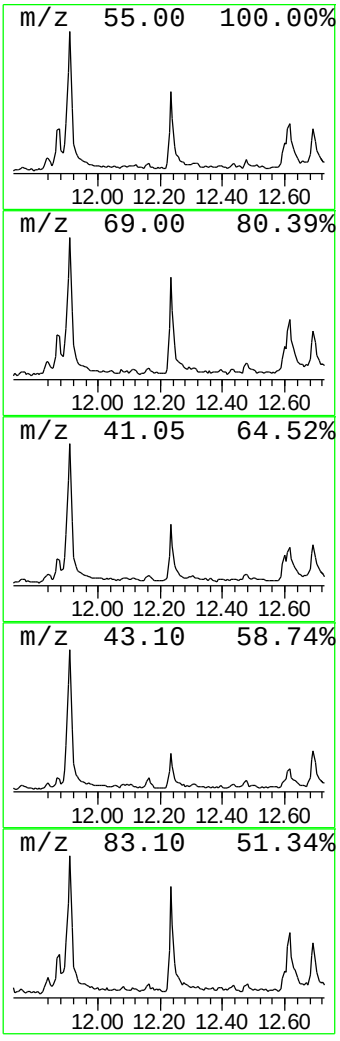
Peak Number 4 cis-10-Heptadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.14 ng	292978	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	90
2	1-Dodecanol	186	C12H26O	000112-53-8	72
3	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	62
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	60
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

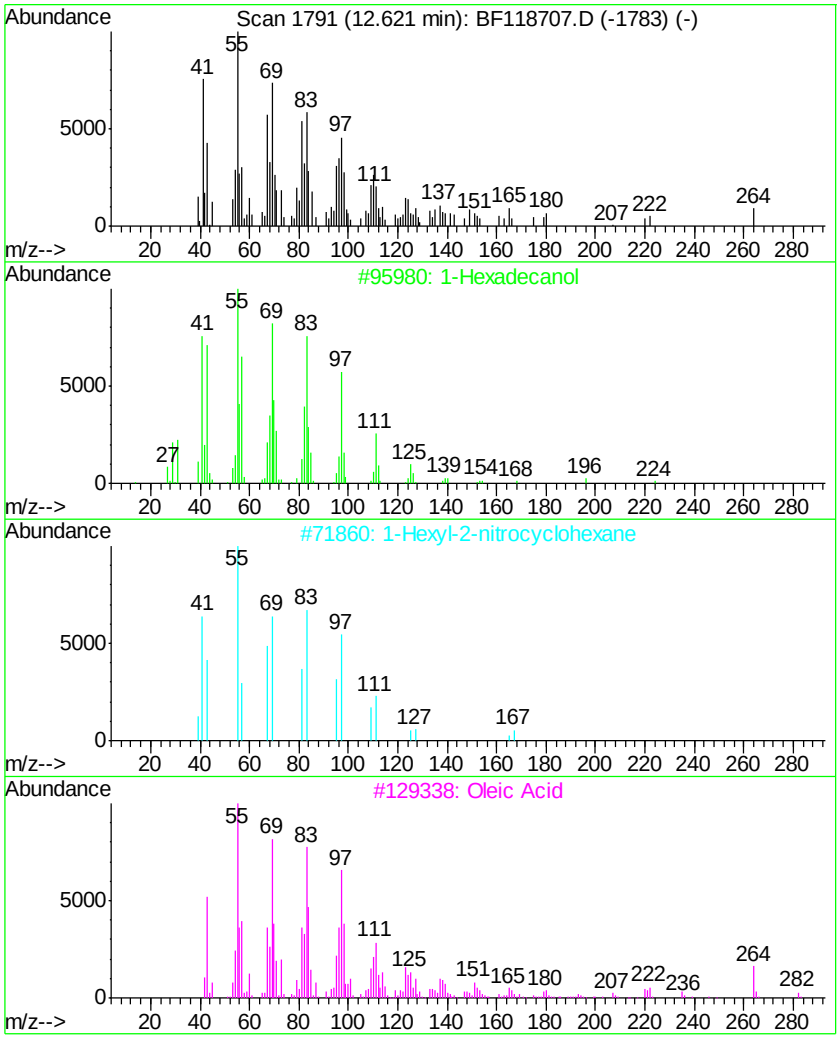
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

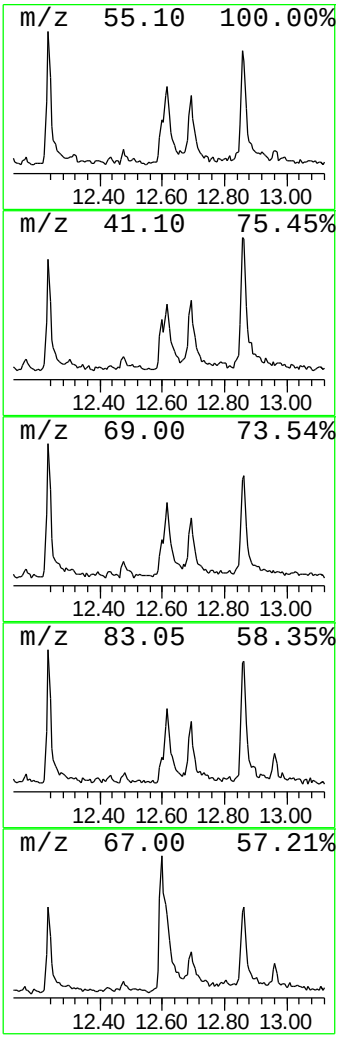
****

Peak Number 5 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.81 ng	356133	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	64
2	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	64
3	Oleic Acid	282	C18H34O2	000112-80-1	60
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	58
5	1,19-Eicosadiene	278	C20H38	014811-95-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

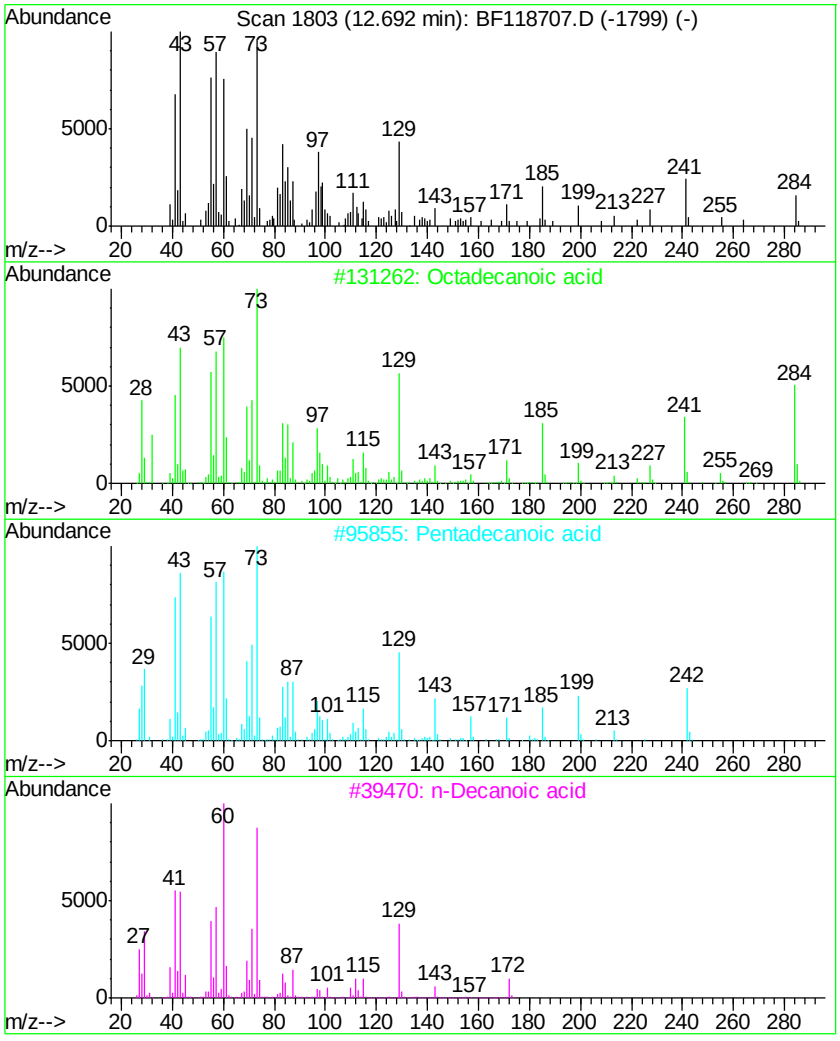
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

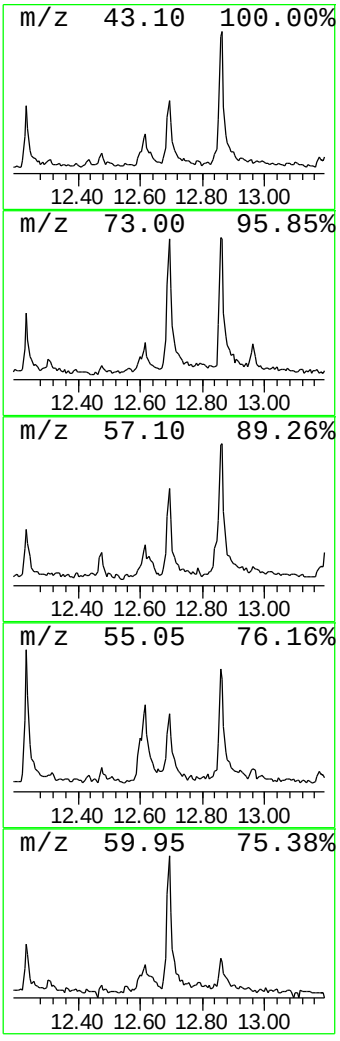
****

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.98 ng	277933	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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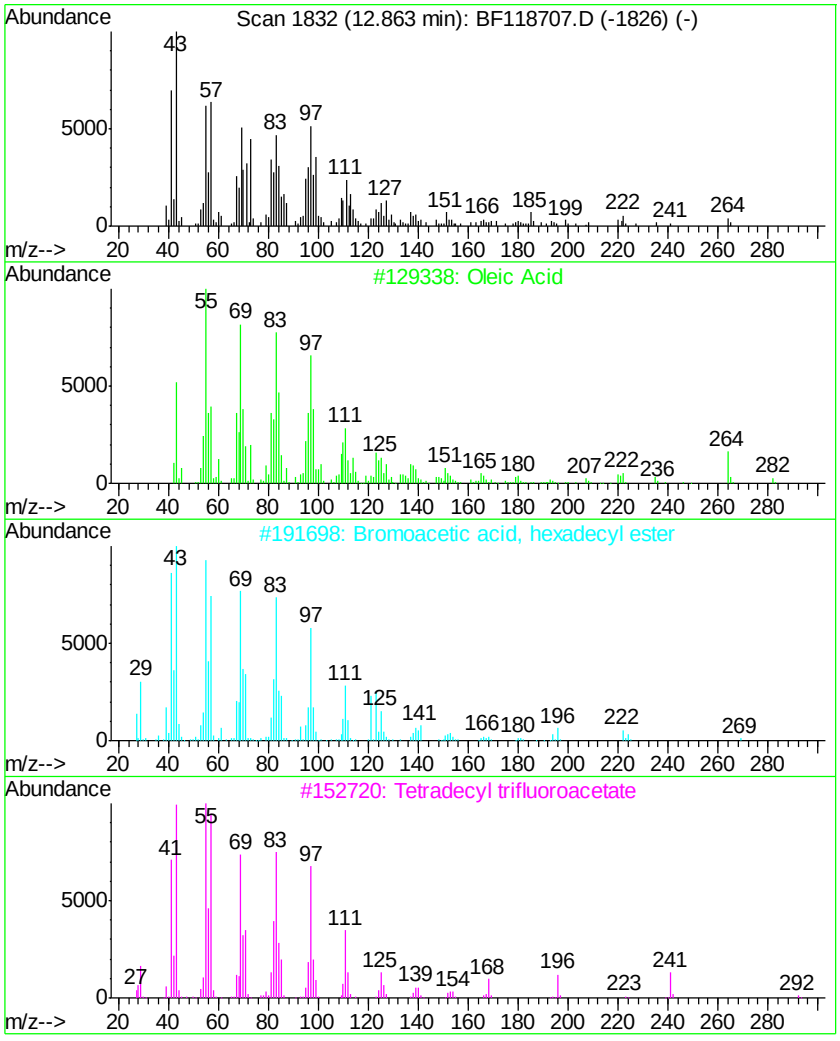
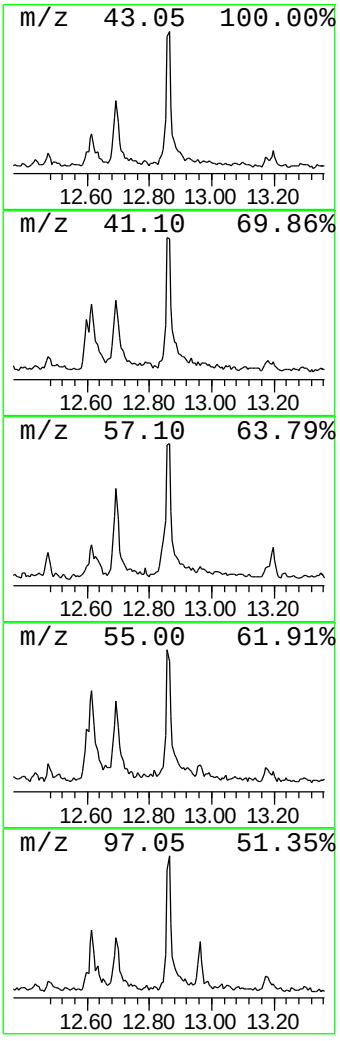
Peak Number 7 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	6.36 ng	457192	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	90
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	64
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	60
5	1-Heneicosanol	312	C21H44O	015594-90-8	60





Library Search Compound Report

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Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

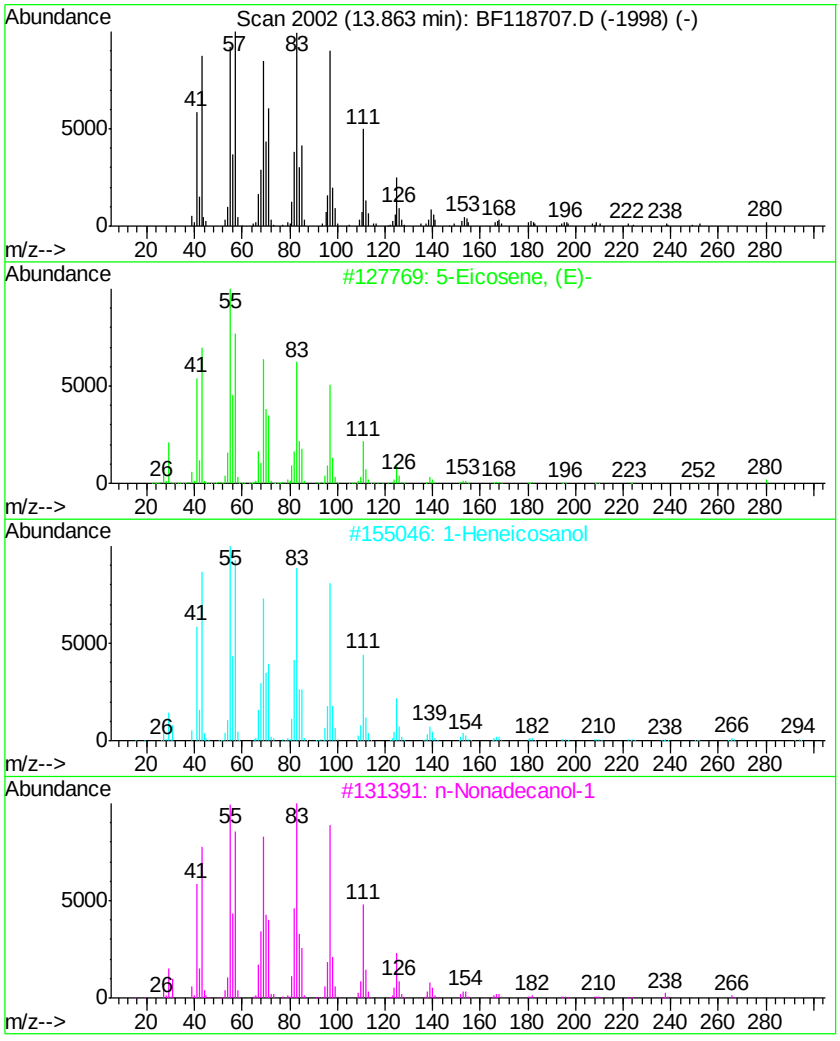
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

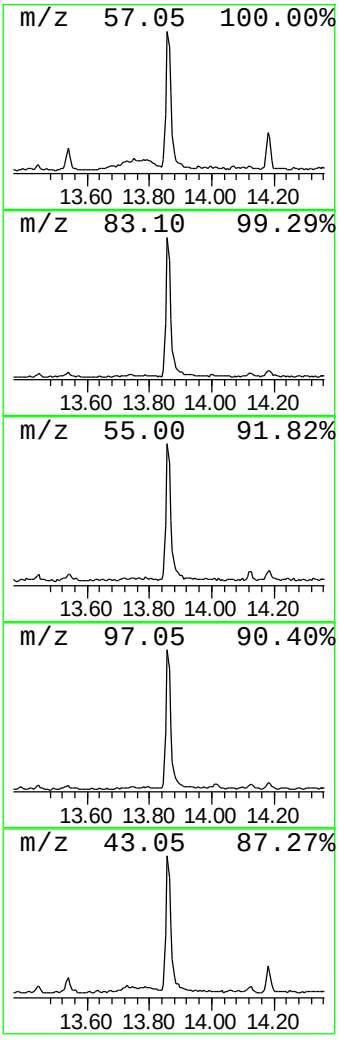
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.12 ng	583659	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

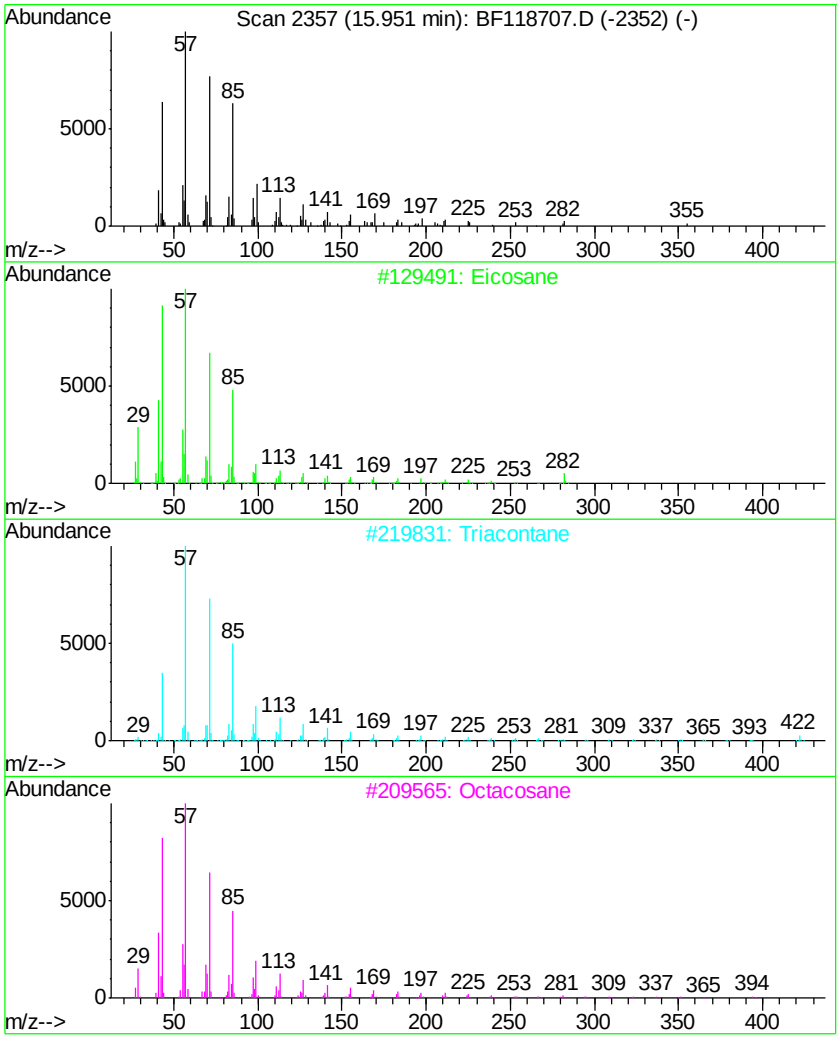
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

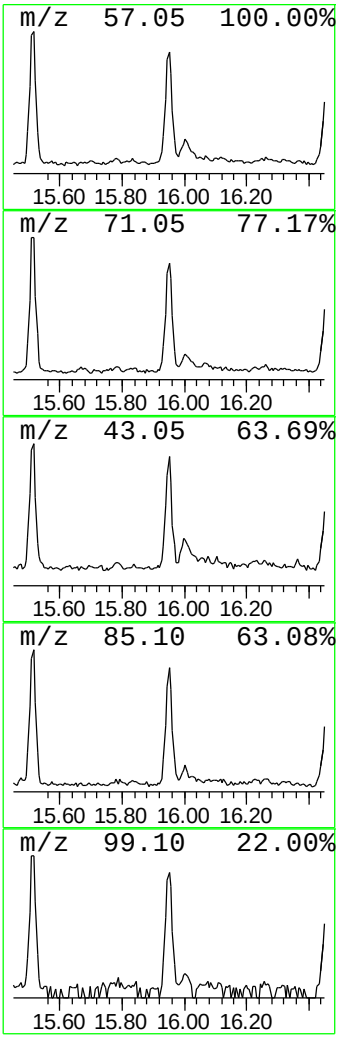
****

Peak Number 9 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.04 ng	180571	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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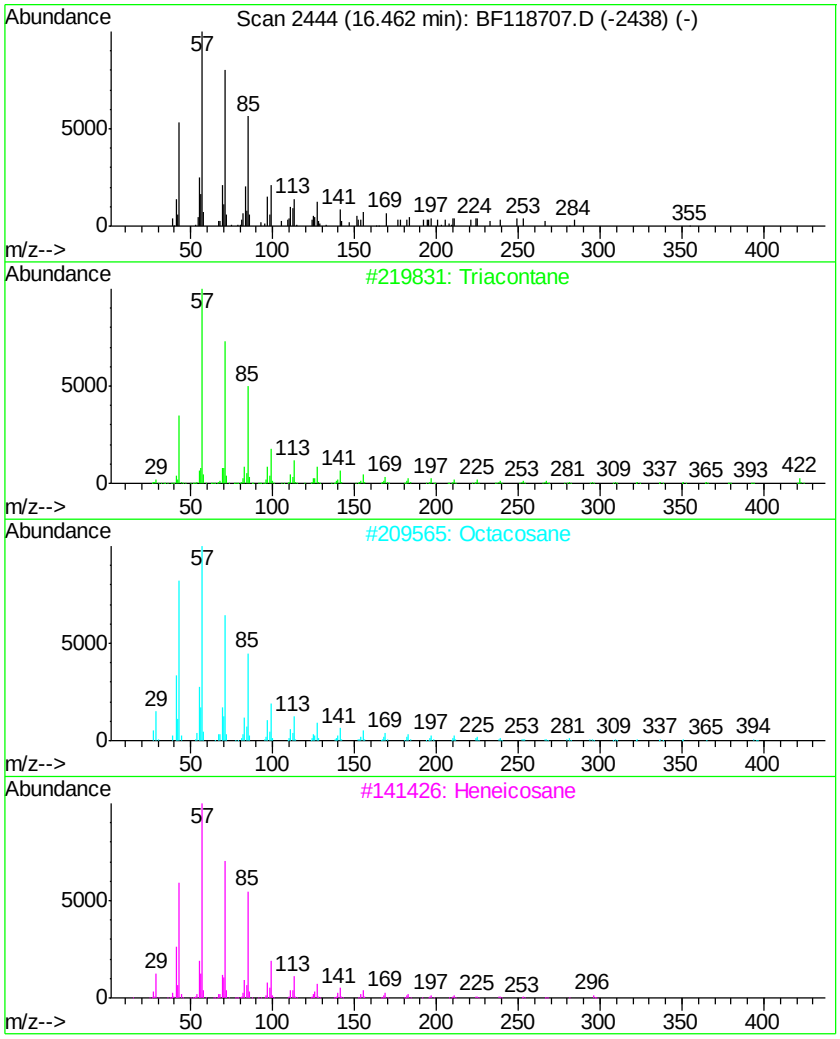
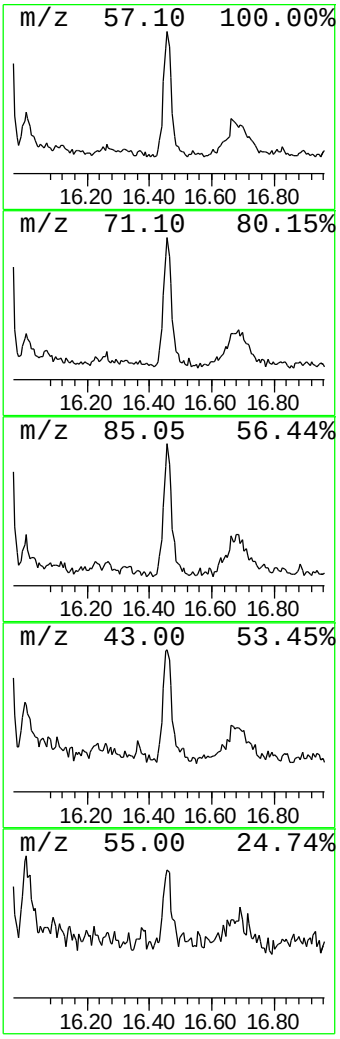
Peak Number 10 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.11 ng	186664	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

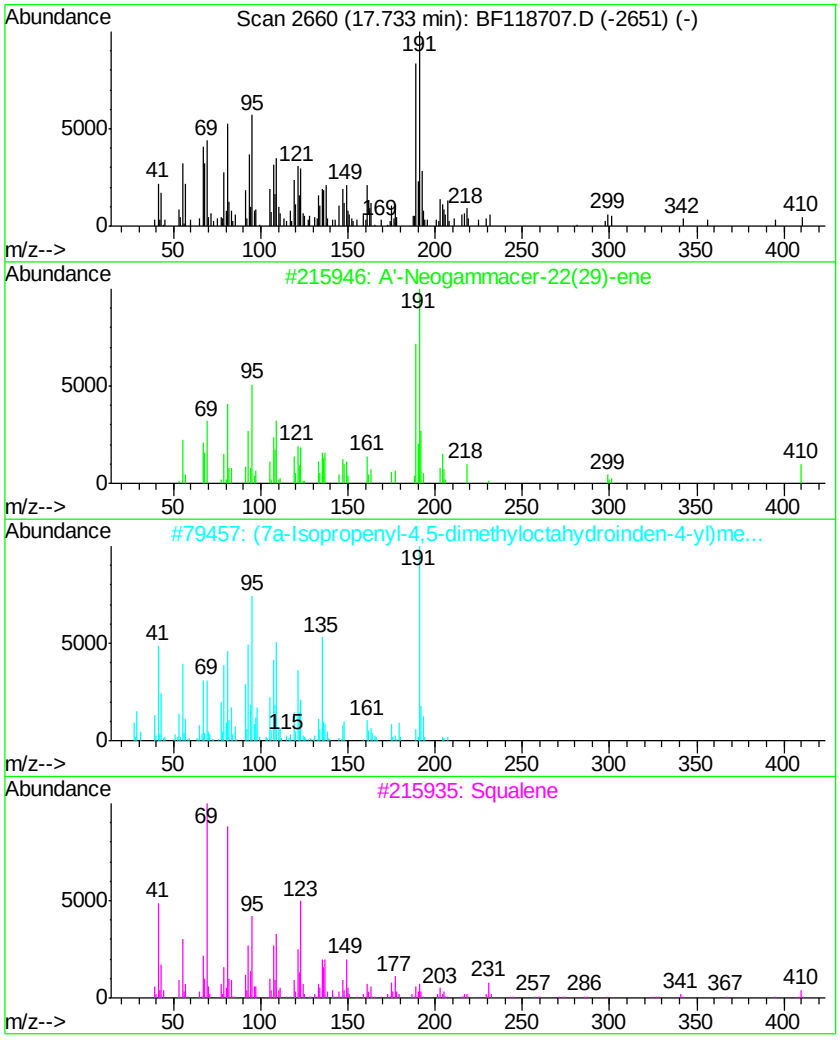
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

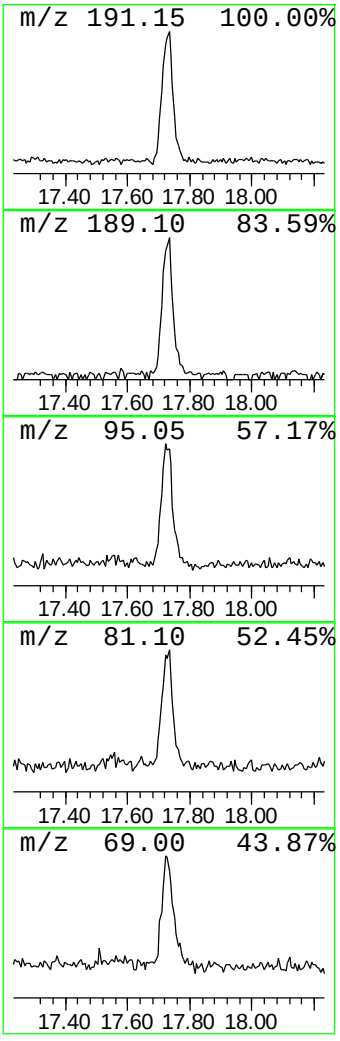
****

Peak Number 11 A'-Neogammacer-22(29)-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	5.28 ng	467909	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	91
2	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	43
3	Squalene	410	C30H50	000111-02-4	42
4	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	41
5	Ethanone, 1-[4-(trifluoromethoxy...	204	C9H7F3O2	085013-98-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.16	24.1	ng	1655620	1	6.86	1376070	20.0
n-Hexadecanoic acid	11.91	8.1	ng	751773	4	11.38	1868030	20.0
cis-10-Heptadecen...	12.23	3.1	ng	292978	4	11.38	1868030	20.0
1-Hexadecanol	12.62	3.8	ng	356133	4	11.38	1868030	20.0
Octadecanoic acid	12.69	3.0	ng	277933	4	11.38	1868030	20.0
Oleic Acid	12.86	6.4	ng	457192	5	14.02	1437670	20.0
5-Eicosene, (E)-	13.86	8.1	ng	583659	5	14.02	1437670	20.0
Eicosane	15.95	2.0	ng	180571	6	15.48	1771010	20.0
Triacontane	16.46	2.1	ng	186664	6	15.48	1771010	20.0
A'-Neogammacer-22...	17.73	5.3	ng	467909	6	15.48	1771010	20.0