LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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	5.051	497	504	513	rVB	80802	104910	1.36%	0.177%
2	5.457	568	573	576	rBV	4674084	4446939	57.79%	7.497%
3	6.463	739	744	748	rBV	4216512	4588647	59.63%	7.736%
4	6.839	804	808	811	rBV	1805147	1423952	18.50%	2.401%
5	6.998	831	835	838	rBV	4664862	4017076	52.20%	6.773%
6	7.398	898	903	906	rBV	3409682	3052669	39.67%	5.147%
7	8.122	1022	1026	1030	rBV	2299266	1908696	24.80%	3.218%
8	9.198	1204	1209	1212	rBV	7197501	6290569	81.74%	10.606%
9	9.322	1222	1230	1233	rBV	2341199	2105843	27.37%	3.550%
10	9.586	1272	1275	1279	rVB	383739	304381	3.96%	0.513%
11	9.875	1320	1324	1328	rBV	2799210	2438354	31.69%	4.111%
12	10.463	1420	1424	1439	rBV	1059854	933308	12.13%	1.573%
13	10.663	1453	1458	1462	rBV	4883755	4451557	57.85%	7.505%
14	11.363	1573	1577	1580	rBV	2932465	2640870	34.32%	4.452%
15	11.545	1604	1608	1612	rBV	160875	143939	1.87%	0.243%
16	11.586	1612	1615	1624	rVB	255454	247050	3.21%	0.417%
17	11.892	1662	1667	1682	rBV	797344	867268	11.27%	1.462%
18	12.145	1707	1710	1714	rBV	142523	113383	1.47%	0.191%
19	12.404	1751	1754	1760	rBV	356517	381019	4.95%	0.642%
20	12.610	1784	1789	1793	rVB	182629	196792	2.56%	0.332%
21	12.674	1797	1800	1812	rBV	250655	277888	3.61%	0.469%
22	12.951	1842	1847	1850	rBV	7834401	7695364	100.00%	12.974%
23	13.845	1995	1999	2010	rBV	489050	629368	8.18%	1.061%
24	13.998	2021	2025	2029	rBV	2959590	2653219	34.48%	4.473%
25	14.168	2050	2054	2059	rBV	135505	126622	1.65%	0.213%
26	14.474	2102	2106	2111	rBV	268905	257012	3.34%	0.433%
27	14.780	2155	2158	2166	rVB	364833	358711	4.66%	0.605%
28	14.857	2167	2171	2180	rVB	1953857	1959131	25.46%	3.303%
29	15.115	2210	2215	2220	rBV	433279	509659	6.62%	0.859%
30	15.368	2254	2258	2266	rVB4	90145	137474	1.79%	0.232%
31	15.457	2267	2273	2277	rVV	1939462	2459178	31.96%	4.146%
32	15.498	2277	2280	2292	rVB	393670	538609	7.00%	0.908%
33	15.927	2348	2353	2359	rBV	299741	483676	6.29%	0.815%
34	16.339	2419	2423	2431	rVB7	70478	126372	1.64%	0.213%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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	16.433	2433	2439	2447	rBV	177152	316049	4.11%	0.533%
36	17.021	2534	2539	2545	rBV2	67068	128647	1.67%	0.217%

Sum of corrected areas: 59314201

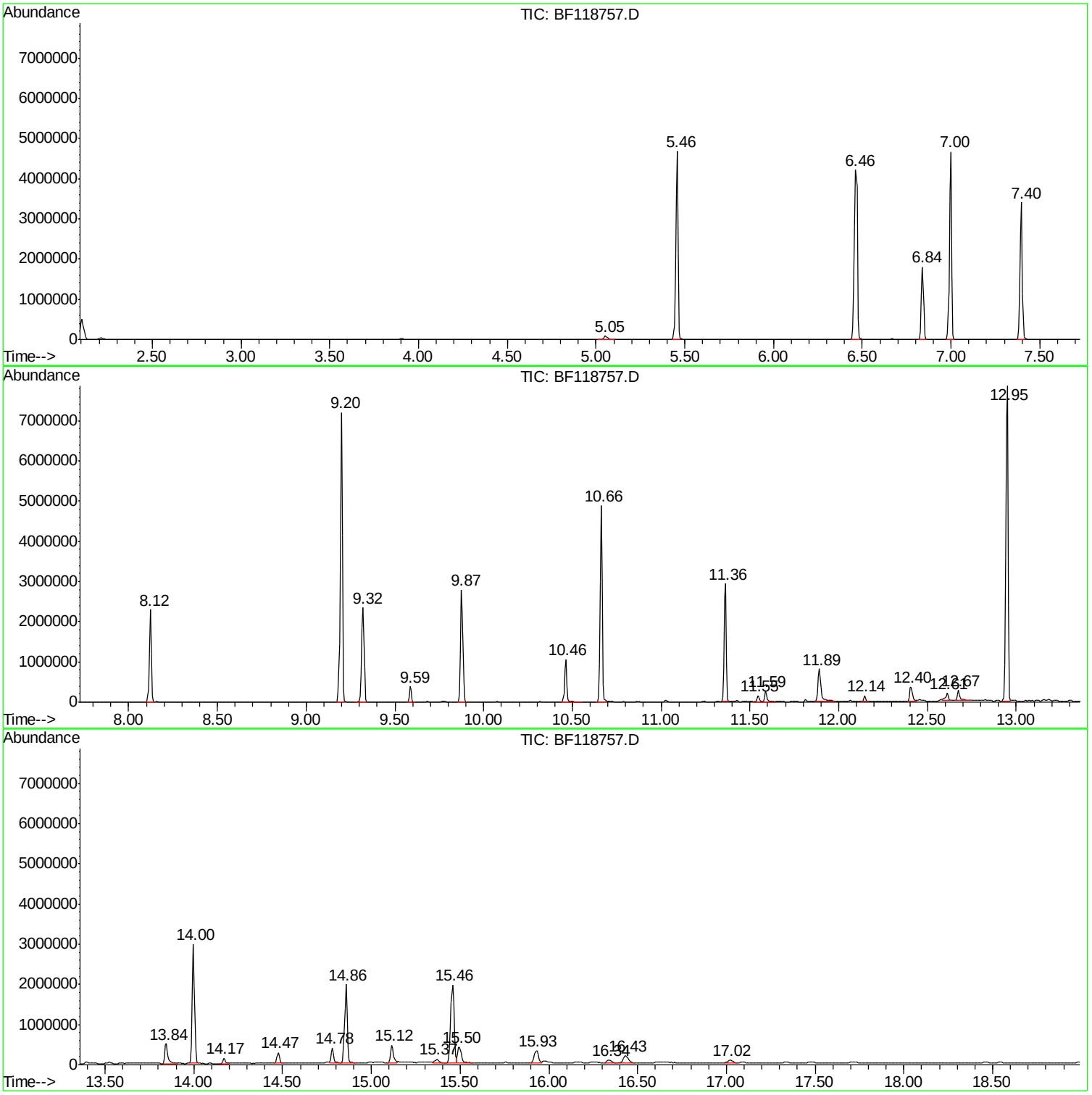
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

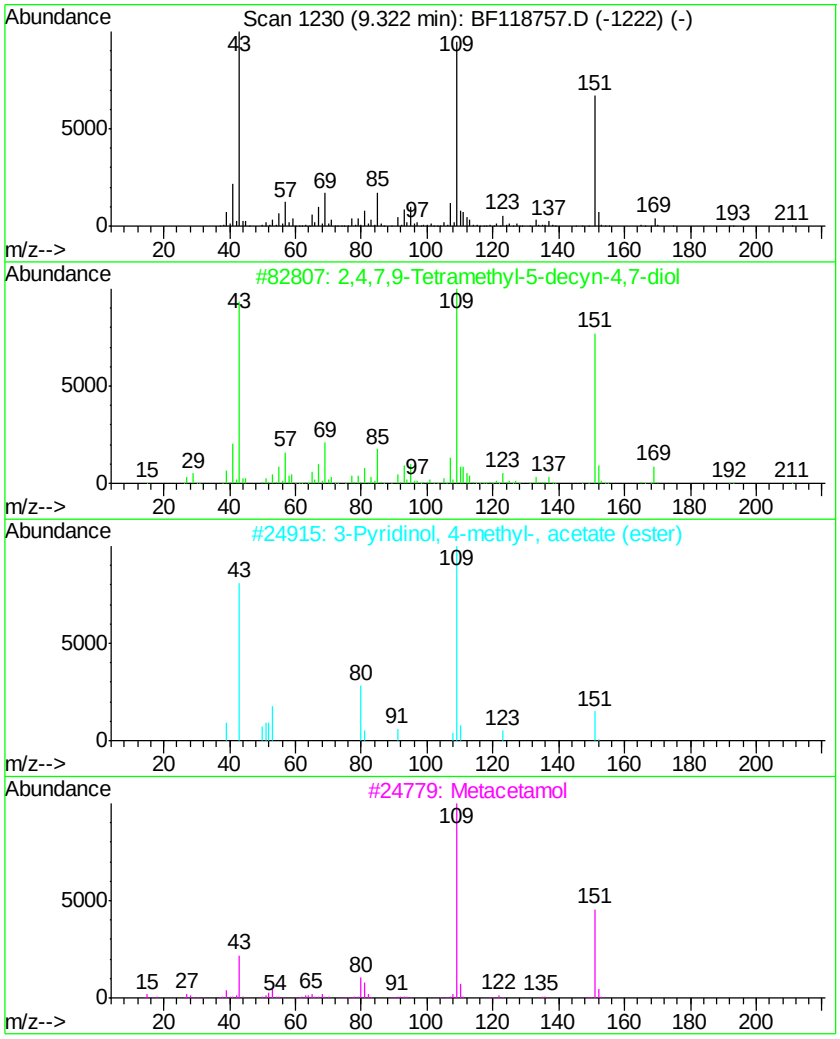
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

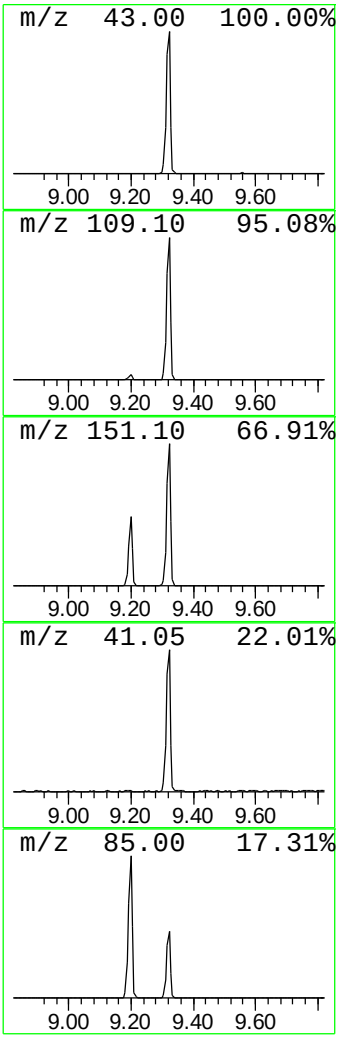
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	17.27 ng	2105840	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

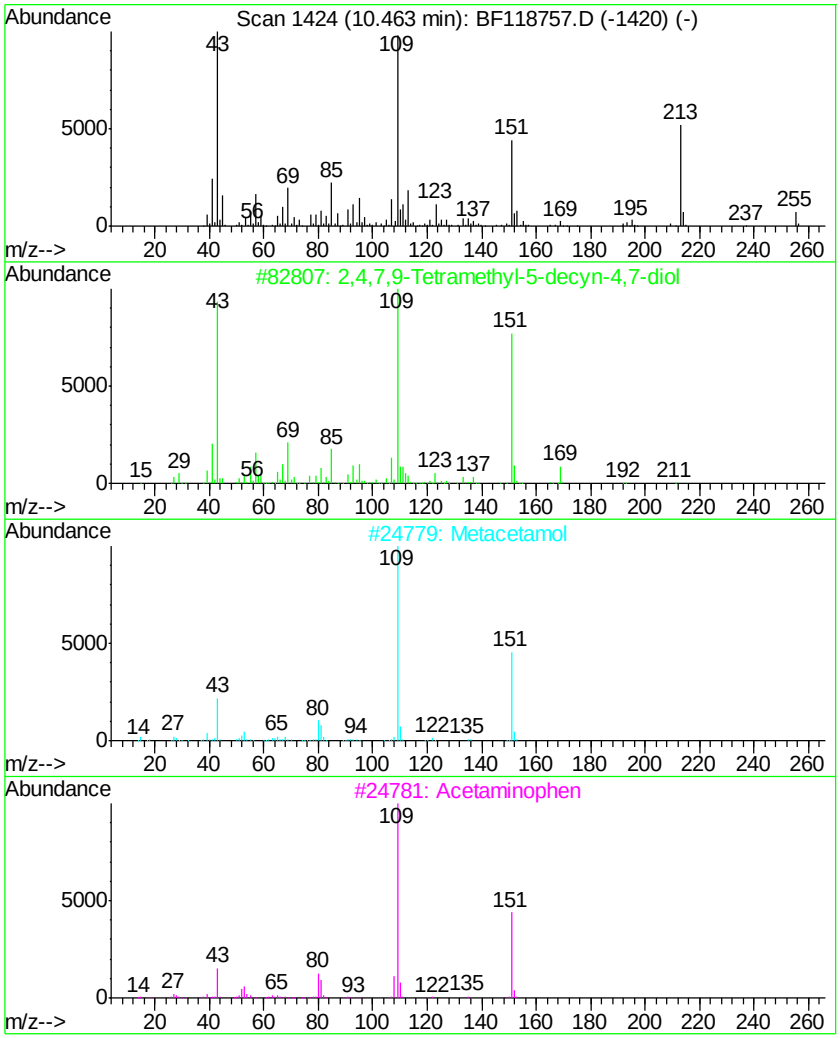
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

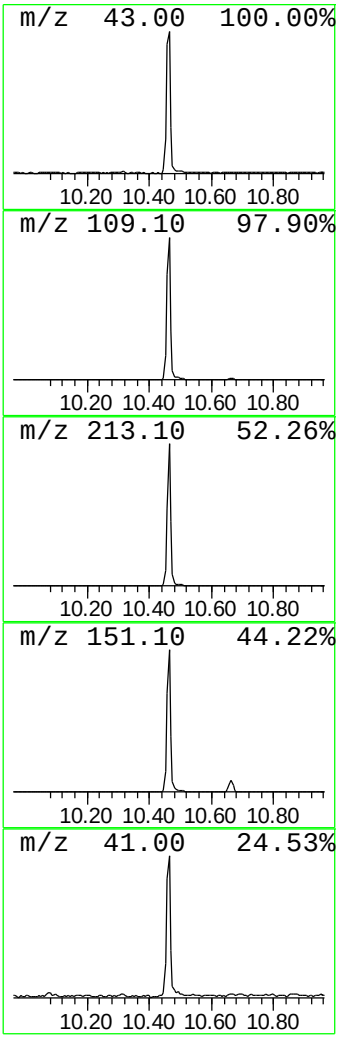
****

Peak Number 3 unknown10.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	7.66 ng	933308	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	59
2	Metacetamol	151	C8H9NO2	000621-42-1	43
3	Acetaminophen	151	C8H9NO2	000103-90-2	43
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	38
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

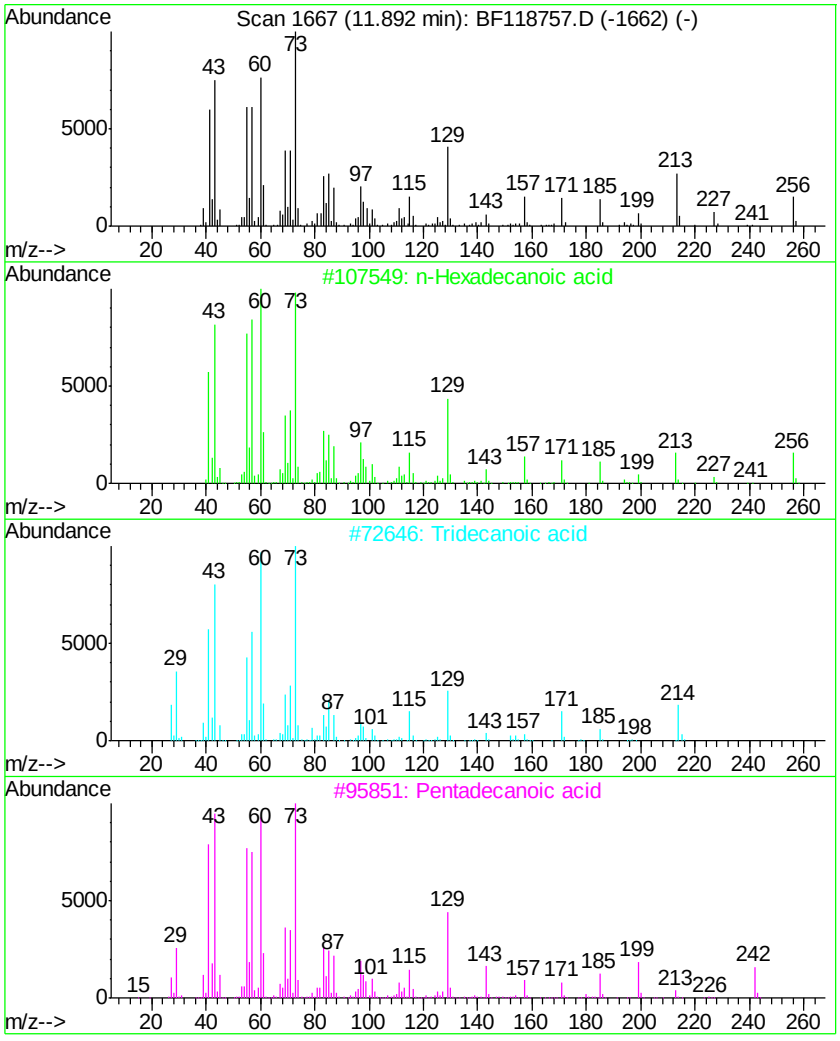
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

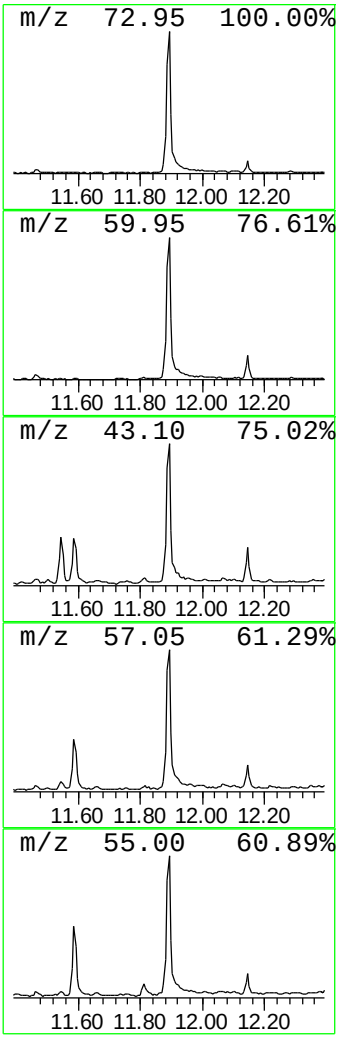
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.57 ng	867268	Phenanthrene-d10	11.36

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

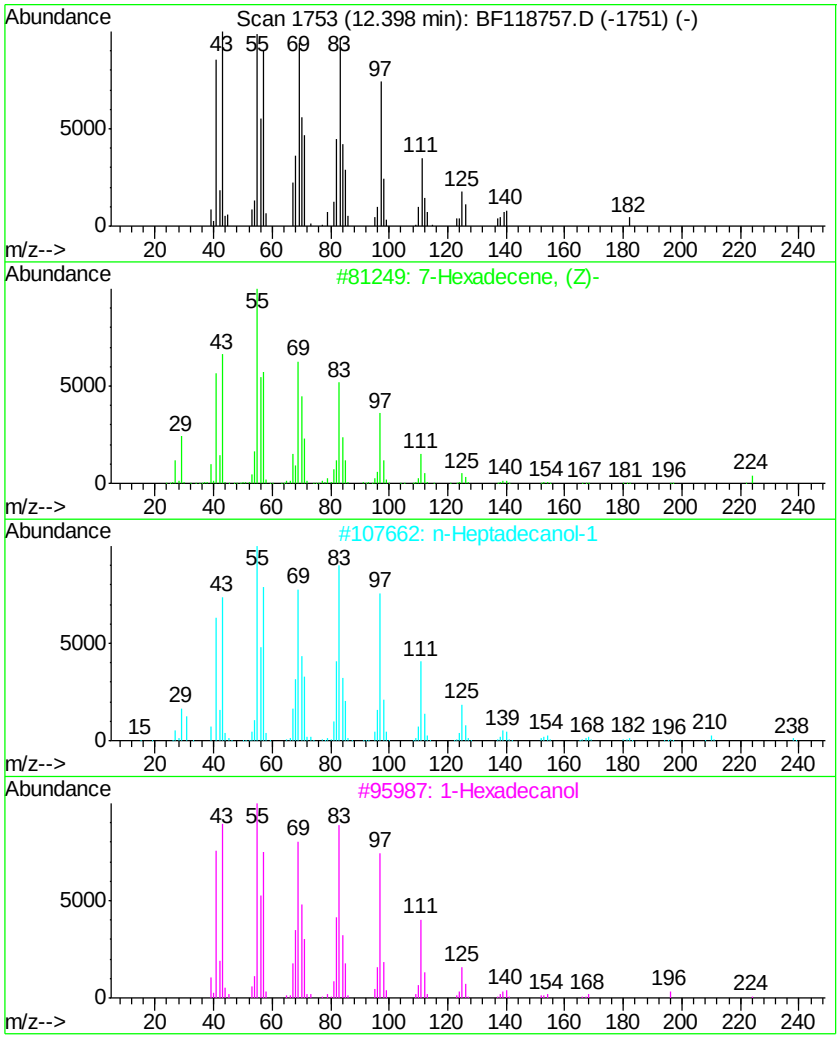
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

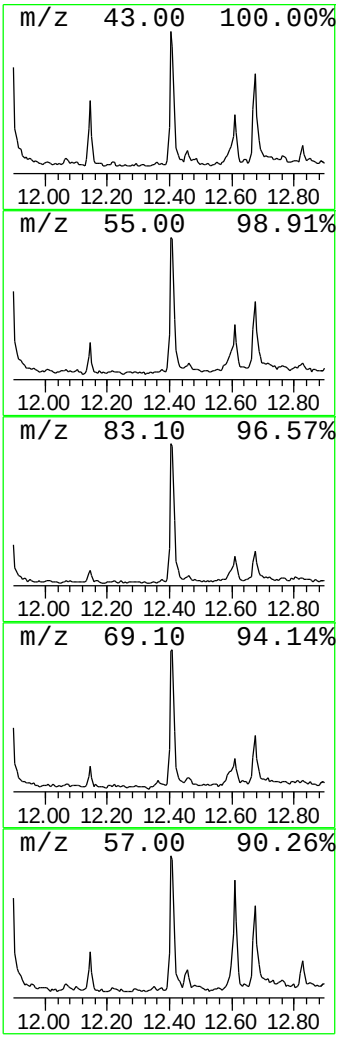
****

Peak Number 5 7-Hexadecene, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.89 ng	381019	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

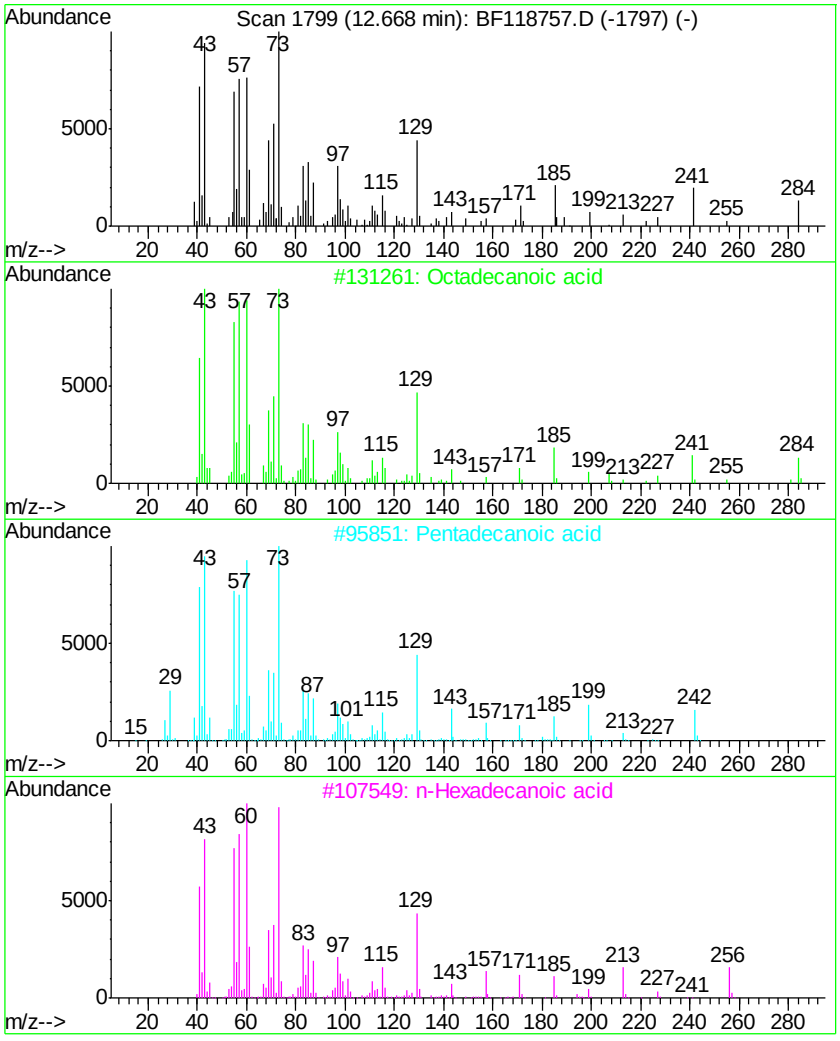
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

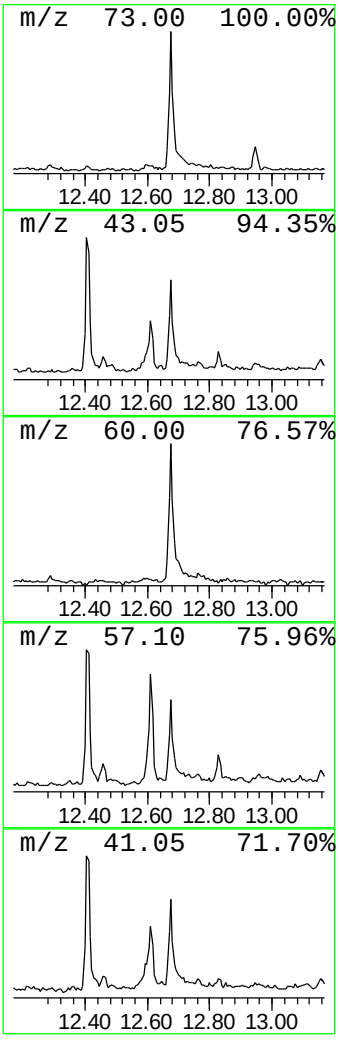
****

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.10 ng	277888	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

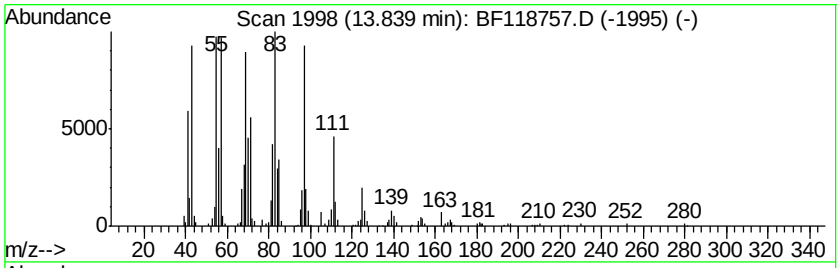
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

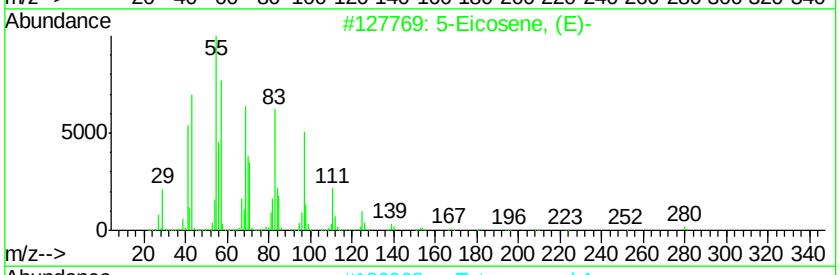
****

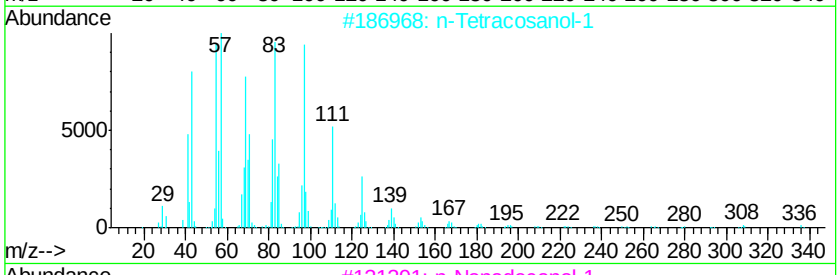
Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

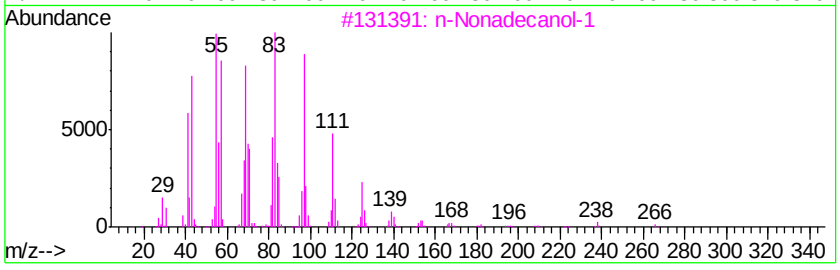
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.74 ng	629368	Chrysene-d12	14.00

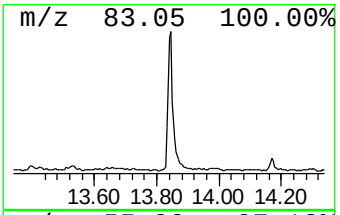
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93

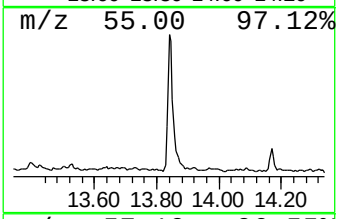


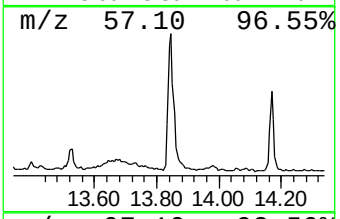


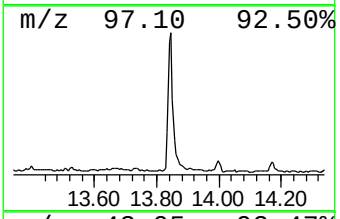


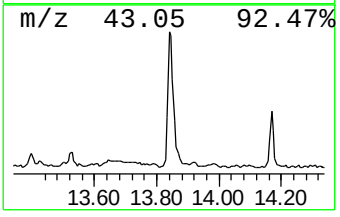












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

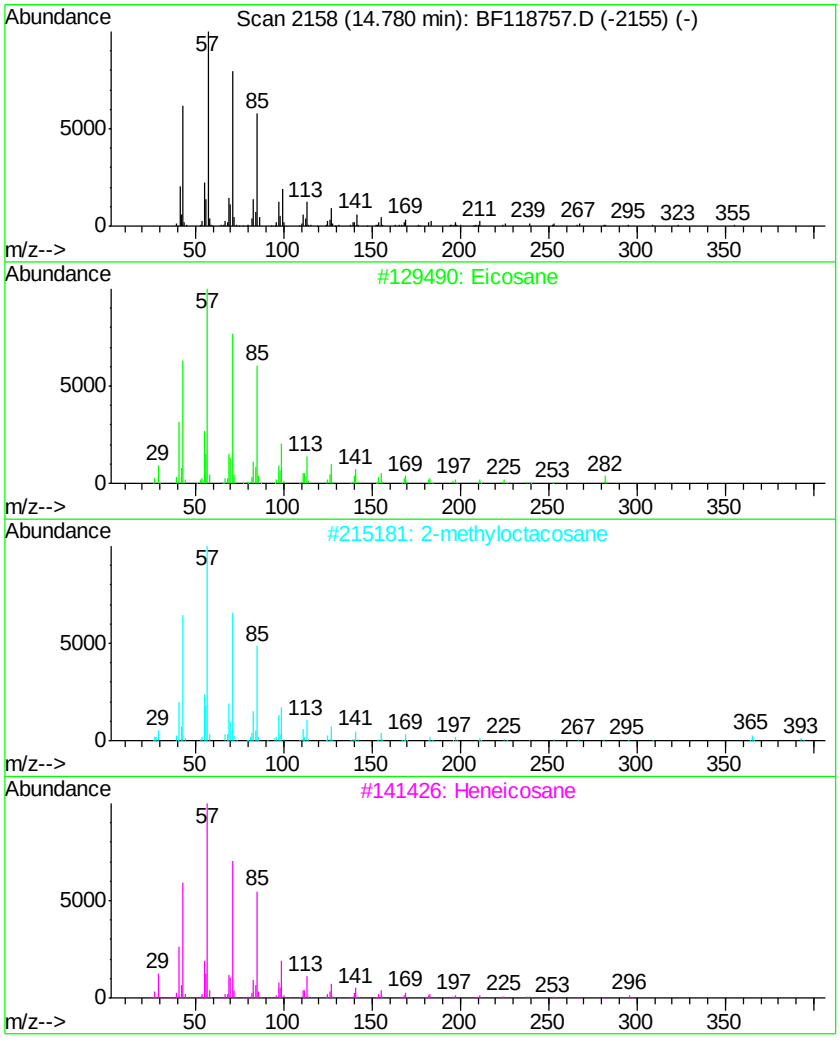
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

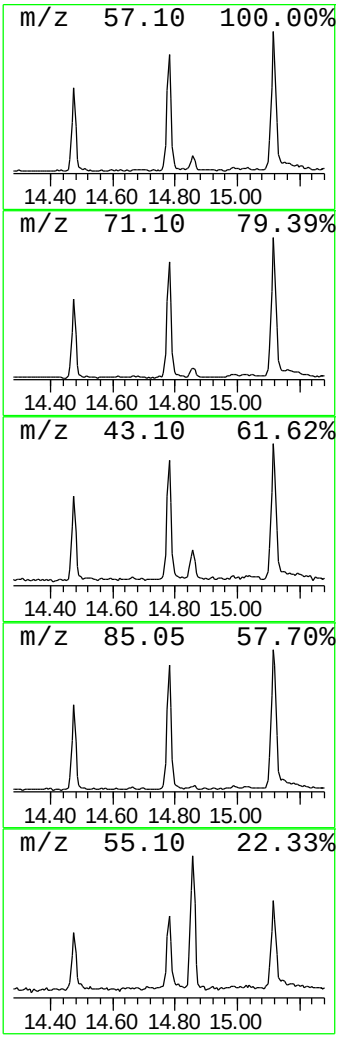
****

Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.92 ng	358711	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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

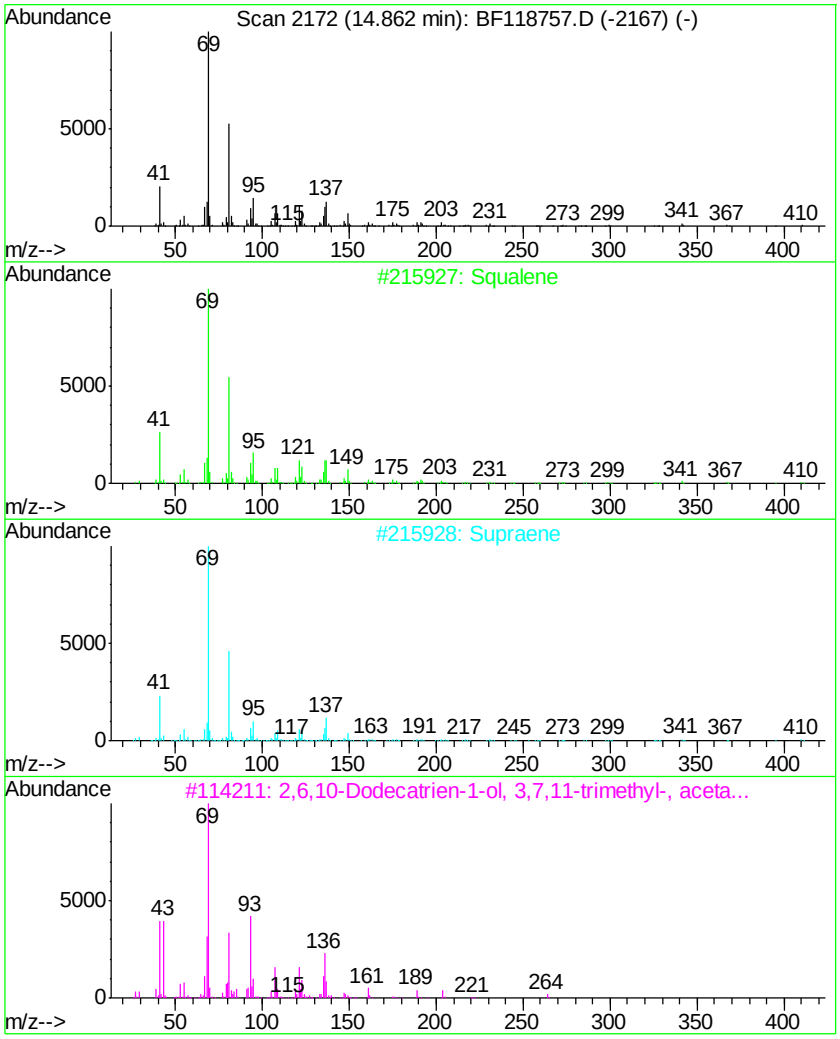
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

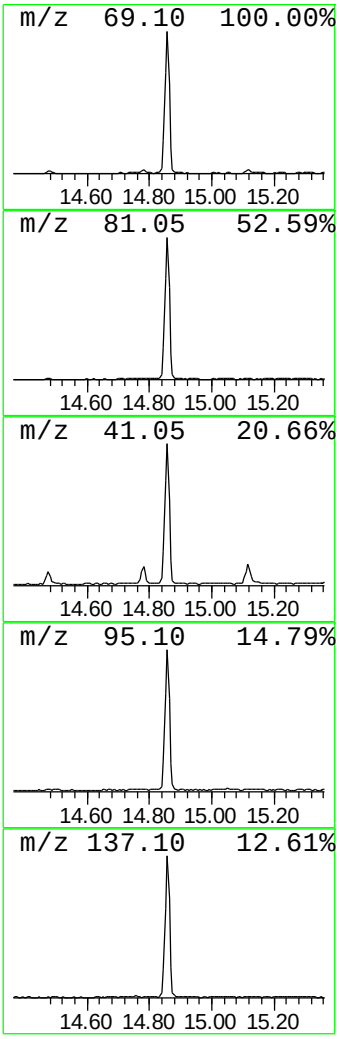
****

Peak Number 9 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	15.93 ng	1959130	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50





Library Search Compound Report

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Data File : BF118757.D
Acq On : 30 Jan 2020 17:58
Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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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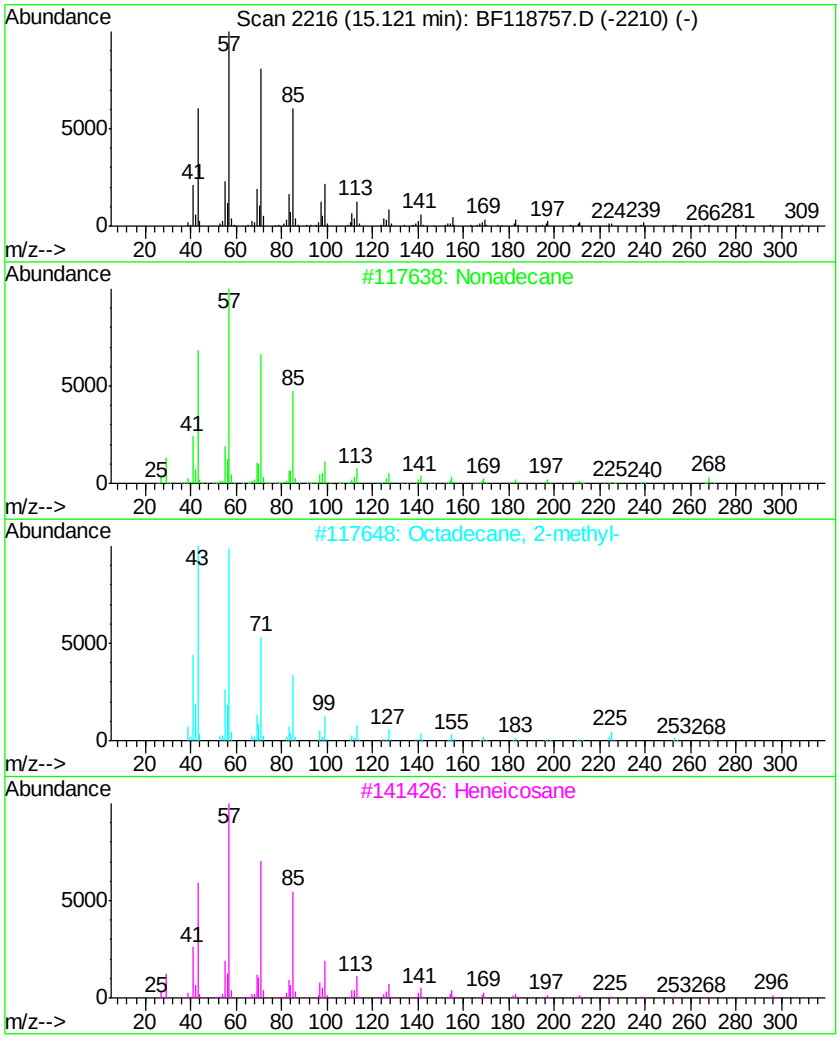
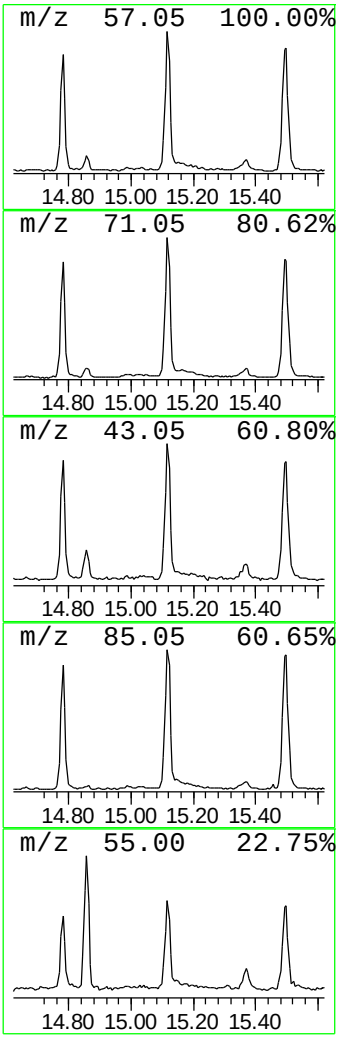
Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.14 ng	509659	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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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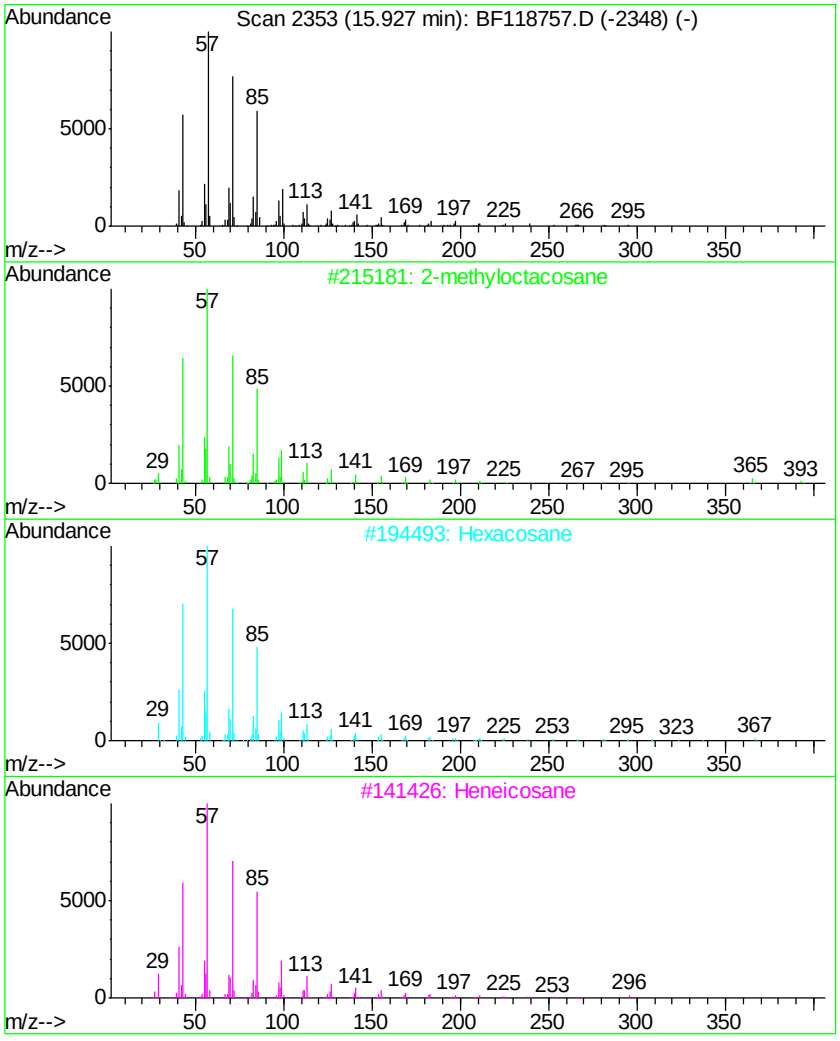
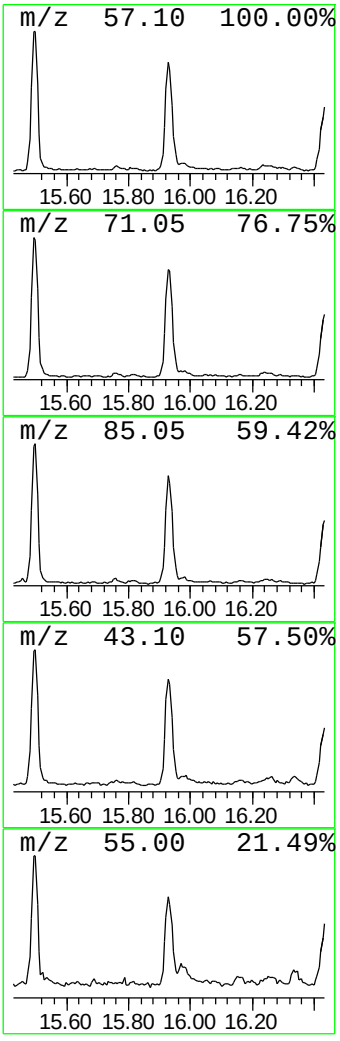
Peak Number 11 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.93 ng	483676	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Data File : BF118757.D
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Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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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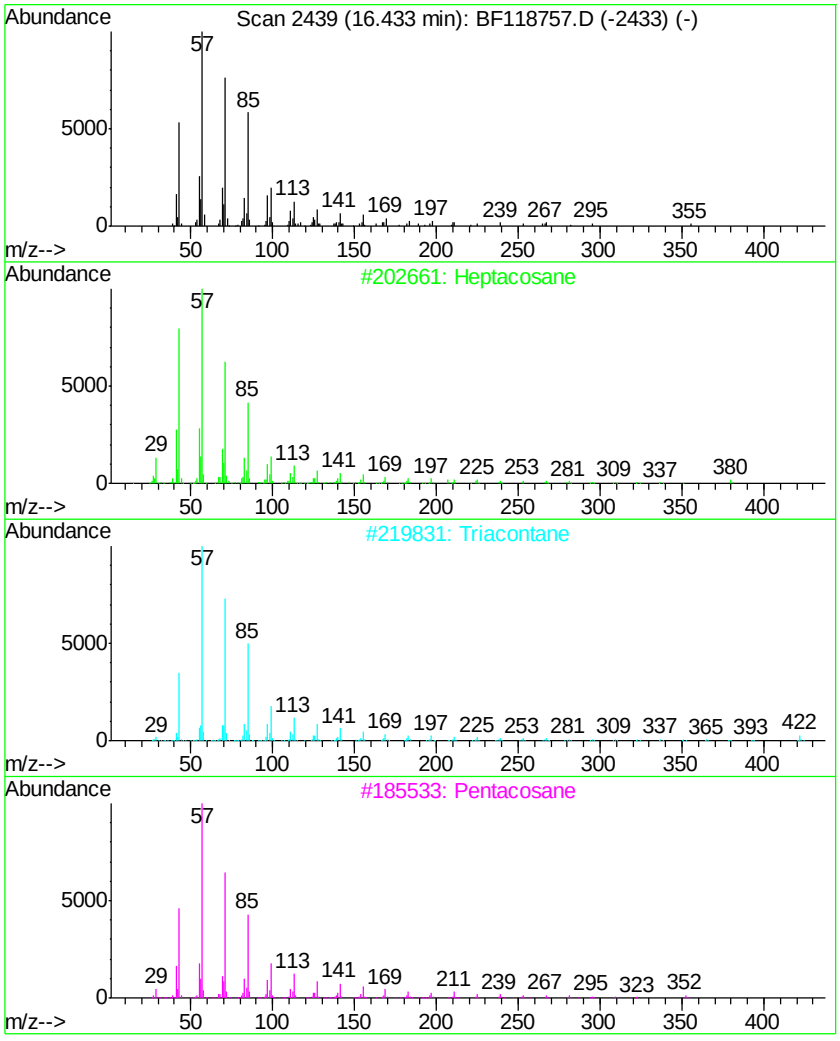
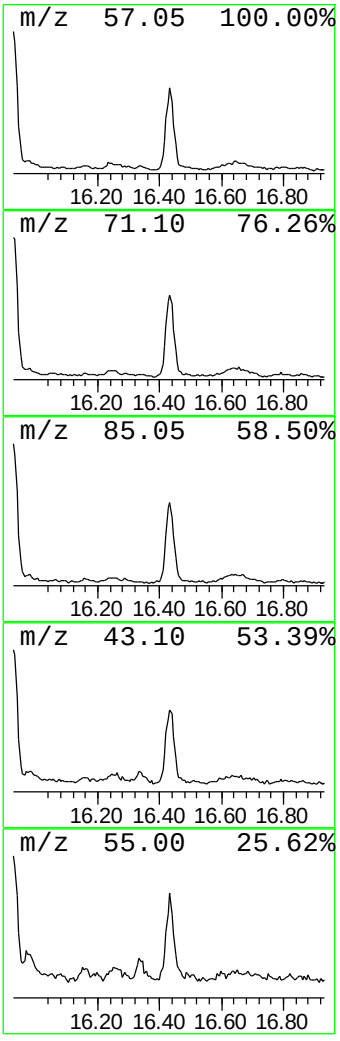
Peak Number 12 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.57 ng	316049	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L1313-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124018-A

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
2,4,7,9-Tetrameth...	9.32	17.3	ng	2105840	3	9.87	2438350	20.0
unknown10.46	10.46	7.7	ng	933308	3	9.87	2438350	20.0
n-Hexadecanoic acid	11.89	6.6	ng	867268	4	11.36	2640870	20.0
7-Hexadecene, (Z)-	12.40	2.9	ng	381019	4	11.36	2640870	20.0
Octadecanoic acid	12.67	2.1	ng	277888	4	11.36	2640870	20.0
5-Eicosene, (E)-	13.84	4.7	ng	629368	5	14.00	2653220	20.0
Eicosane	14.78	2.9	ng	358711	6	15.46	2459180	20.0
Squalene	14.86	15.9	ng	1959130	6	15.46	2459180	20.0
Nonadecane	15.12	4.1	ng	509659	6	15.46	2459180	20.0
2-methyloctacosane	15.93	3.9	ng	483676	6	15.46	2459180	20.0
Heptacosane	16.43	2.6	ng	316049	6	15.46	2459180	20.0