LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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	5.057	496	505	514	rBV	154528	197125	2.30%	0.281%
2	5.457	568	573	576	rBV	5340019	5350699	62.56%	7.620%
3	6.469	739	745	748	rBV	5098554	5492030	64.21%	7.821%
4	6.839	804	808	811	rBV	1909901	1532551	17.92%	2.183%
5	6.998	831	835	838	rVB	5618005	4806743	56.20%	6.845%
6	7.398	898	903	906	rBV	3915695	3707514	43.35%	5.280%
7	8.122	1022	1026	1029	rBV	2494226	2008019	23.48%	2.860%
8	9.198	1204	1209	1212	rBV	7941137	7262022	84.91%	10.342%
9	9.316	1221	1229	1233	rBV	590640	530163	6.20%	0.755%
10	9.586	1272	1275	1279	rBV	626239	509179	5.95%	0.725%
11	9.874	1320	1324	1328	rBV	2850898	2596890	30.36%	3.698%
12	10.663	1453	1458	1462	rBV	5465867	5313629	62.13%	7.567%
13	11.363	1573	1577	1579	rBV	3222940	2817487	32.94%	4.012%
14	11.380	1579	1580	1583	rVV	296849	241965	2.83%	0.345%
15	11.433	1583	1589	1592	rVB4	72636	94209	1.10%	0.134%
16	11.586	1610	1615	1624	rBV	149192	167478	1.96%	0.239%
17	11.863	1658	1662	1664	rBV	94375	95241	1.11%	0.136%
18	11.892	1664	1667	1677	rVB	1163160	1155197	13.51%	1.645%
19	11.974	1677	1681	1683	rBV2	96160	92600	1.08%	0.132%
20	12.145	1707	1710	1714	rBV2	87185	115575	1.35%	0.165%
21	12.410	1752	1755	1758	rBV2	118196	110901	1.30%	0.158%
22	12.451	1758	1762	1767	rVV4	53649	86800	1.01%	0.124%
23	12.574	1779	1783	1785	rBV	596477	570199	6.67%	0.812%
24	12.598	1785	1787	1792	rVV3	90479	111354	1.30%	0.159%
25	12.674	1796	1800	1807	rBV2	419655	474934	5.55%	0.676%
26	12.798	1816	1821	1824	rBV	542766	547208	6.40%	0.779%
27	12.951	1842	1847	1850	rVV	8659278	8552876	100.00%	12.180%
28	13.021	1854	1859	1862	rBV3	61524	88184	1.03%	0.126%
29	13.127	1875	1877	1880	rVB	101343	92776	1.08%	0.132%
30	13.233	1891	1895	1898	rBV2	92037	89253	1.04%	0.127%
31	13.492	1935	1939	1942	rBV	137911	144375	1.69%	0.206%
32	13.633	1958	1963	1968	rVB	66637	93379	1.09%	0.133%
33	13.745	1978	1982	1985	rBV2	56726	93272	1.09%	0.133%
34	13.845	1995	1999	2009	rBV	991696	1171224	13.69%	1.668%

LSC Area Percent Report

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Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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	13.998	2017	2025	2028	rBV	3070669	3408659	39.85%	4.854%
36	14.021	2028	2029	2035	rVB	320525	243646	2.85%	0.347%
37	14.168	2051	2054	2059	rVB	339116	327920	3.83%	0.467%
38	14.474	2103	2106	2110	rBV	596291	591102	6.91%	0.842%
39	14.574	2119	2123	2129	rVB5	56229	125670	1.47%	0.179%
40	14.633	2129	2133	2137	rBV	117031	151923	1.78%	0.216%
41	14.780	2151	2158	2163	rBV	601417	687213	8.03%	0.979%
42	14.856	2167	2171	2178	rVV	1372829	1364058	15.95%	1.943%
43	14.921	2180	2182	2191	rVB5	95770	131409	1.54%	0.187%
44	15.033	2196	2201	2204	rBV	242247	368773	4.31%	0.525%
45	15.115	2211	2215	2227	rBV2	560995	976396	11.42%	1.391%
46	15.333	2248	2252	2256	rBV	122487	155701	1.82%	0.222%
47	15.392	2259	2262	2267	rVB	180304	219141	2.56%	0.312%
48	15.456	2268	2273	2277	rBV	2002910	2509232	29.34%	3.573%
49	15.498	2277	2280	2289	rVB2	488676	673797	7.88%	0.960%
50	15.933	2348	2354	2358	rBV	371667	575708	6.73%	0.820%
51	15.974	2358	2361	2372	rVB3	110449	224157	2.62%	0.319%
52	16.339	2419	2423	2432	rVB10	59187	117398	1.37%	0.167%
53	16.433	2433	2439	2451	rBV	196266	384741	4.50%	0.548%
54	16.898	2513	2518	2524	rVB2	69982	121050	1.42%	0.172%
55	17.027	2534	2540	2545	rBV2	73910	151845	1.78%	0.216%
56	17.098	2546	2552	2557	rBV8	44079	114134	1.33%	0.163%
57	17.333	2587	2592	2604	rVB2	77836	185206	2.17%	0.264%
58	17.721	2651	2658	2667	rVB6	38627	96432	1.13%	0.137%

Sum of corrected areas: 70218362

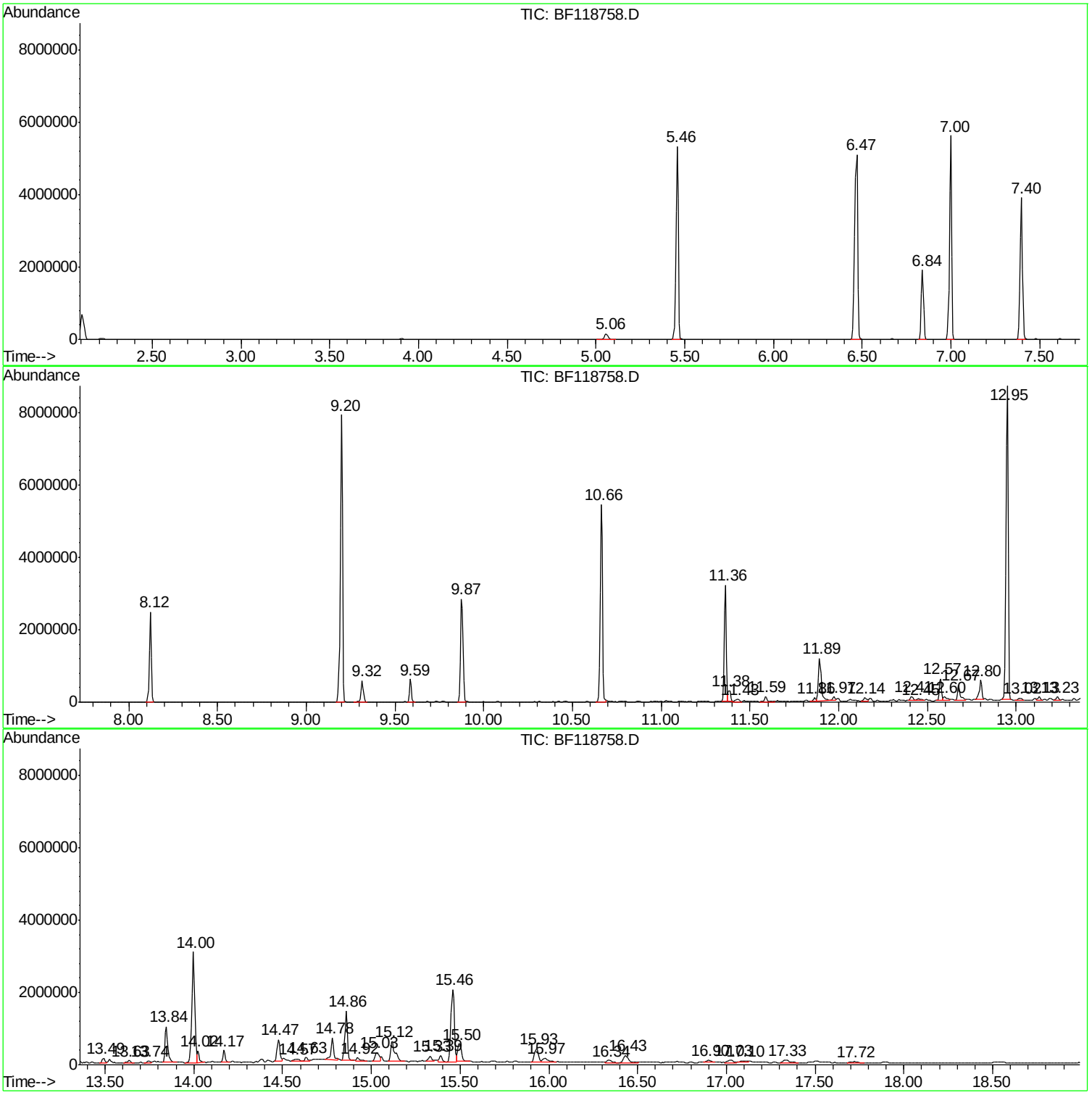
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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 : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

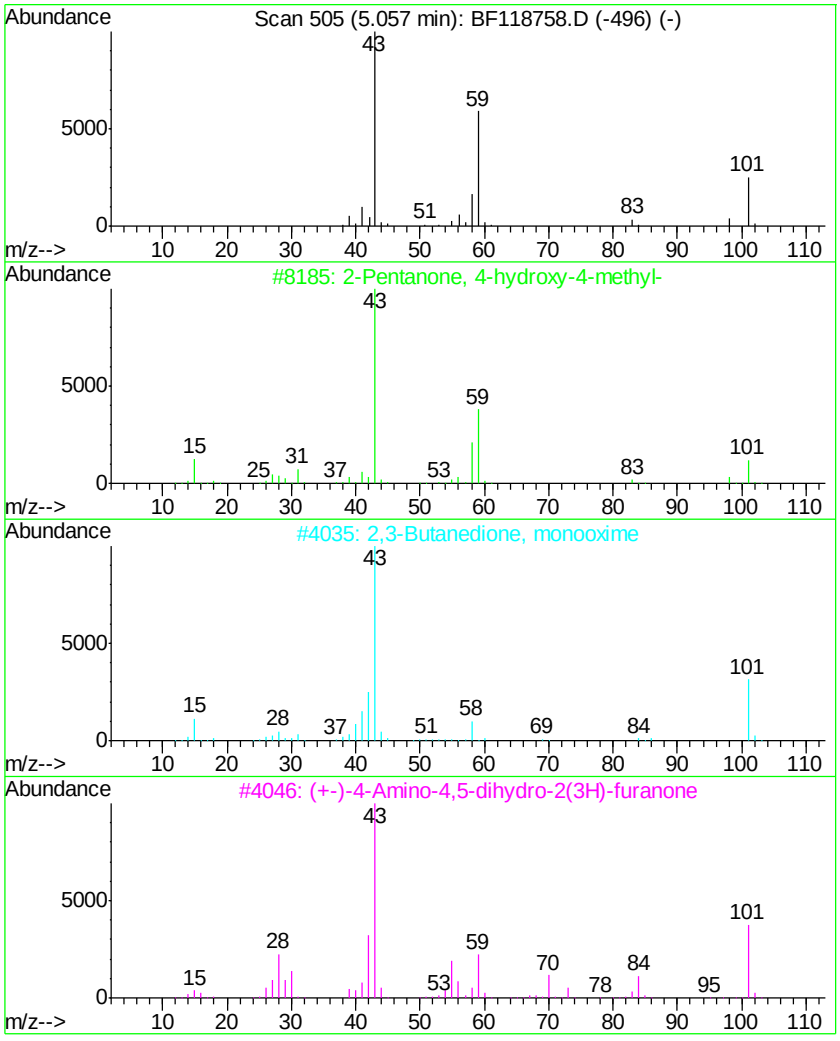
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

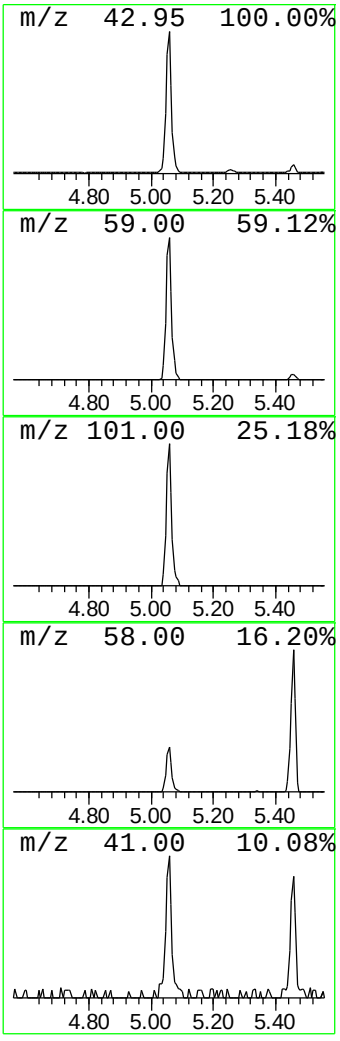
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.57 ng	197125	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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

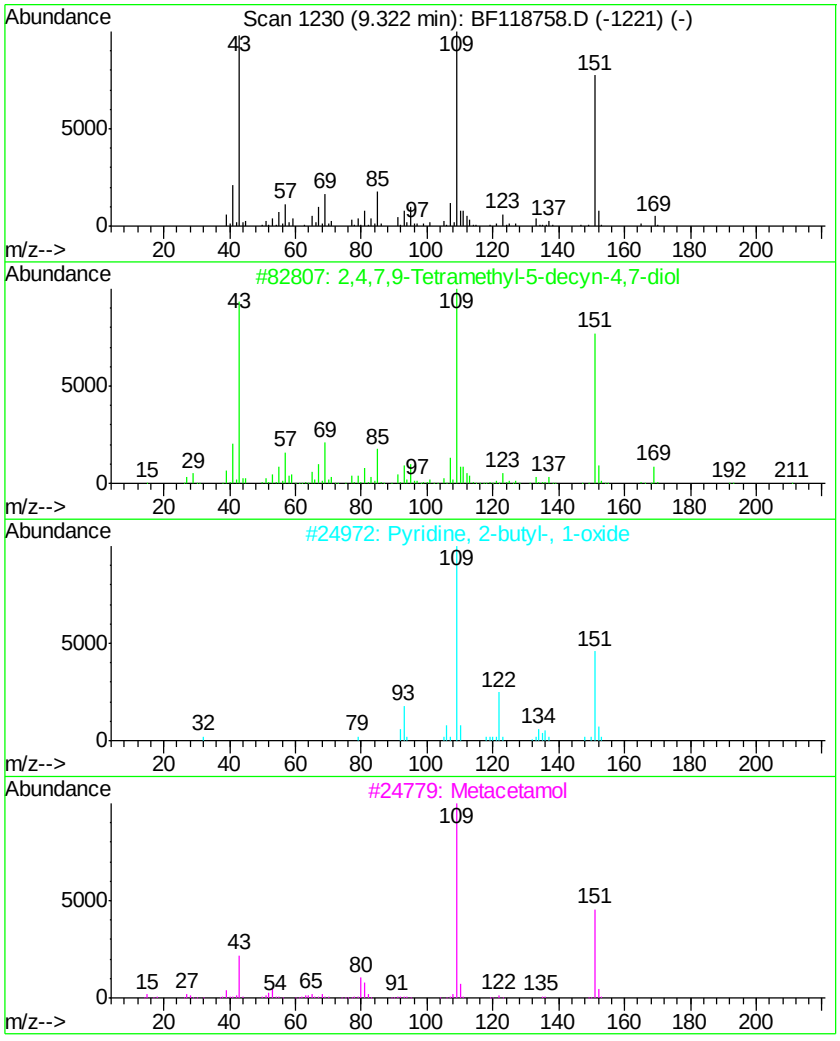
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

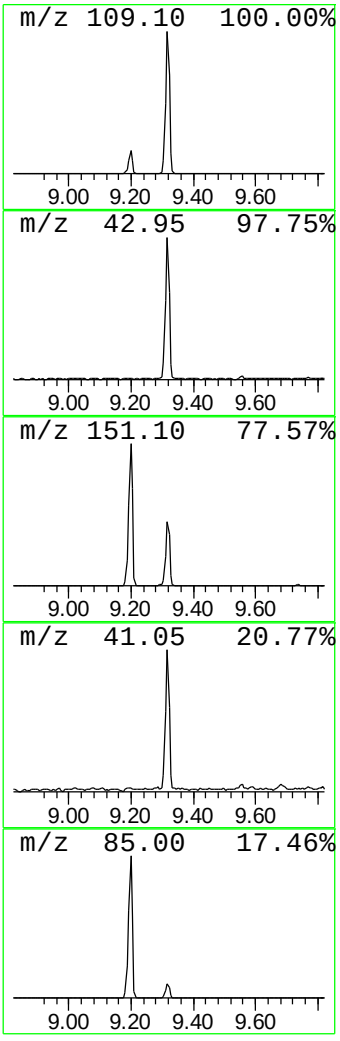
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.08 ng	530163	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	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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

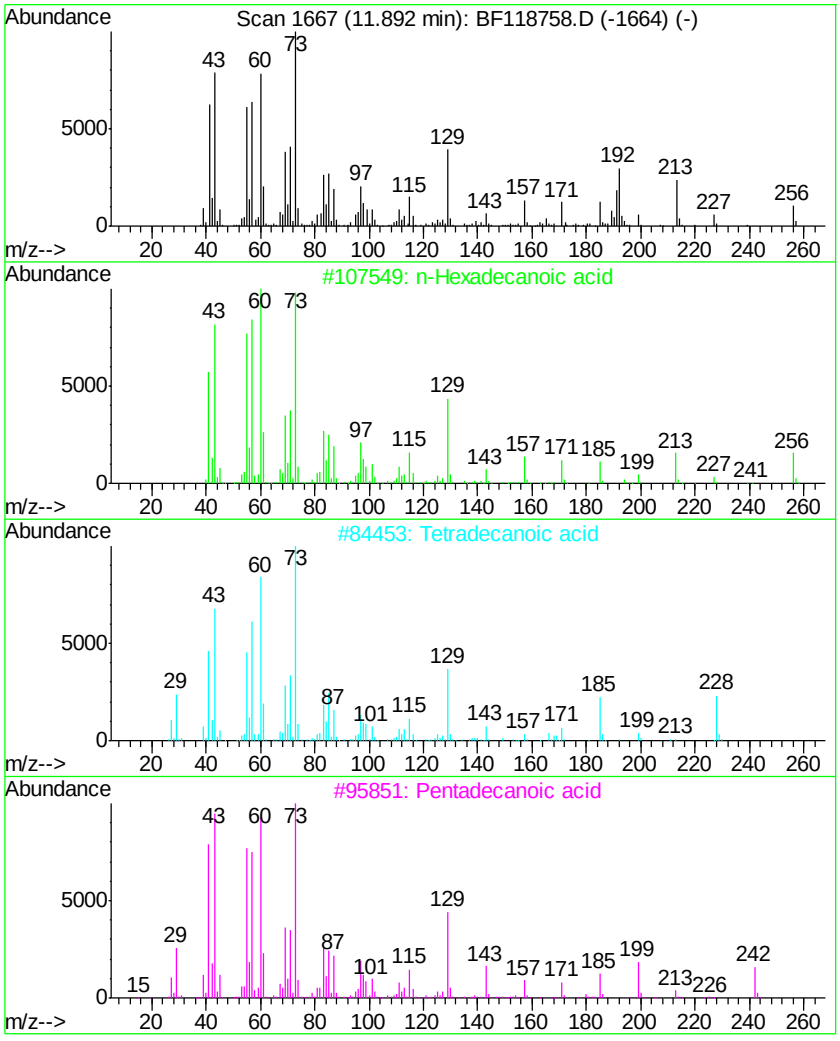
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

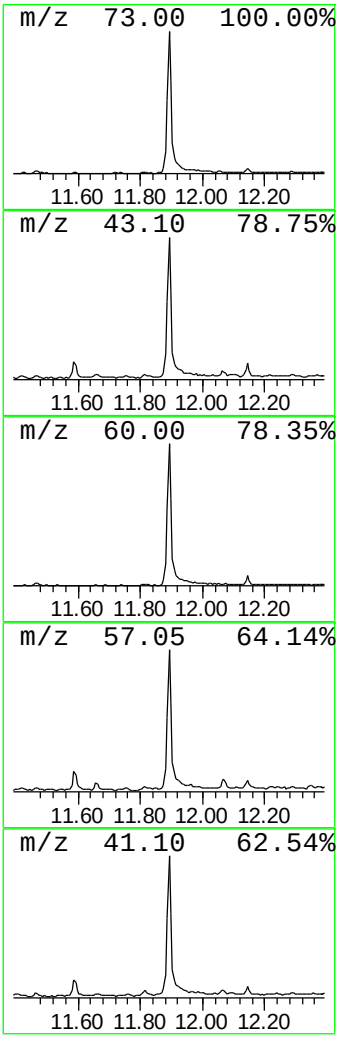
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.20 ng	1155200	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
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 : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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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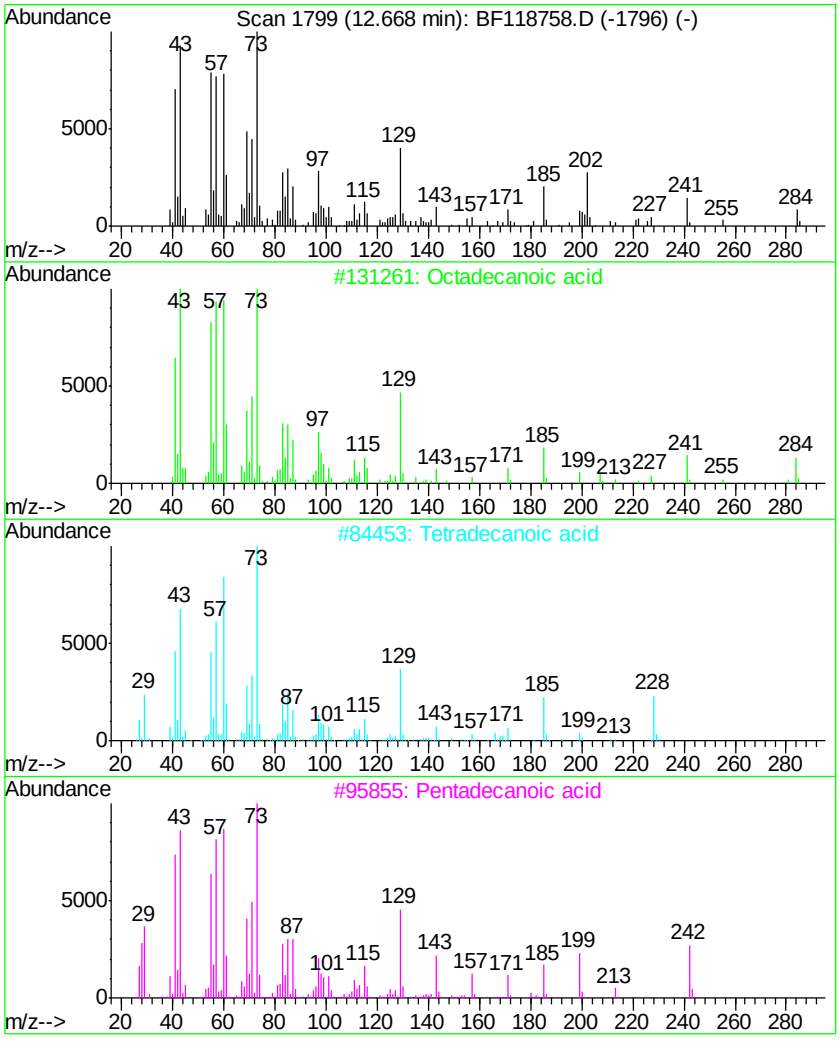
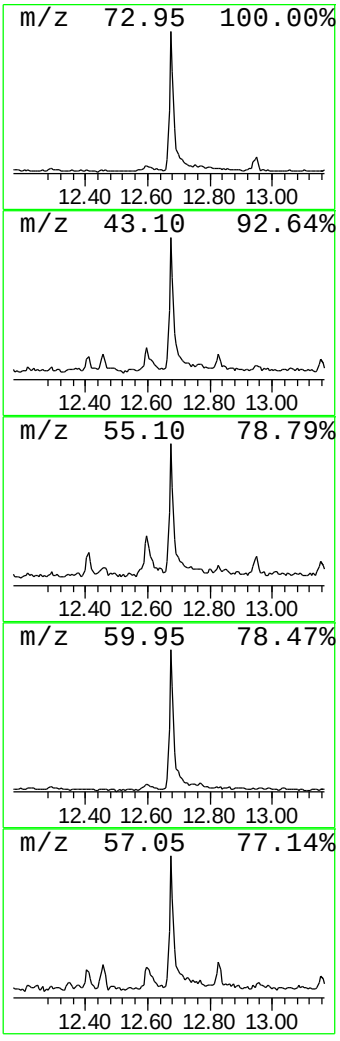
Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.37 ng	474934	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Instrument : BNA_F
ClientSampleId : RBR-56

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

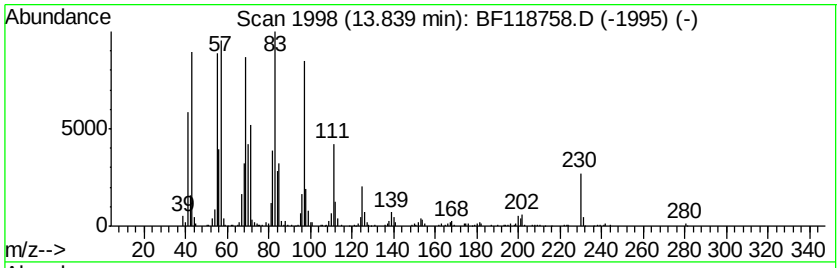
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

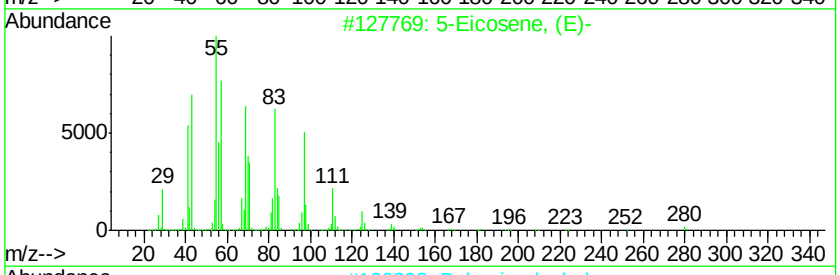
****

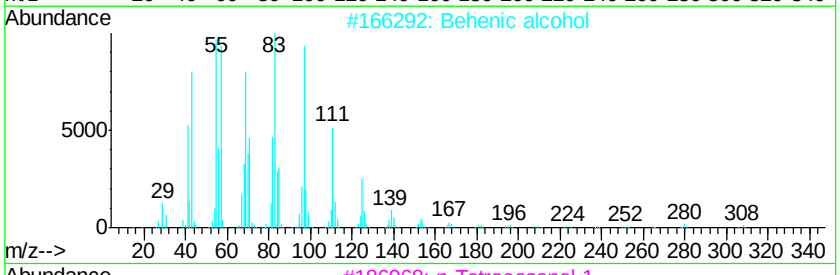
Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

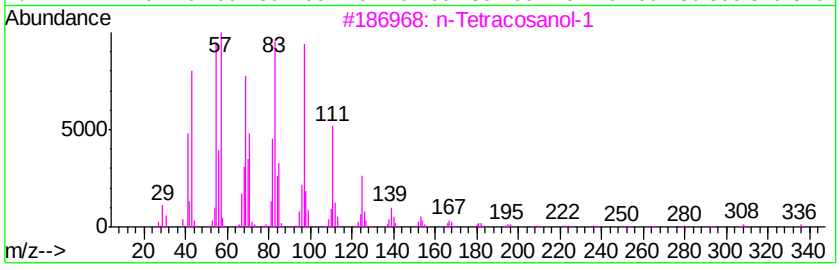
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.87 ng	1171220	Chrysene-d12	14.00

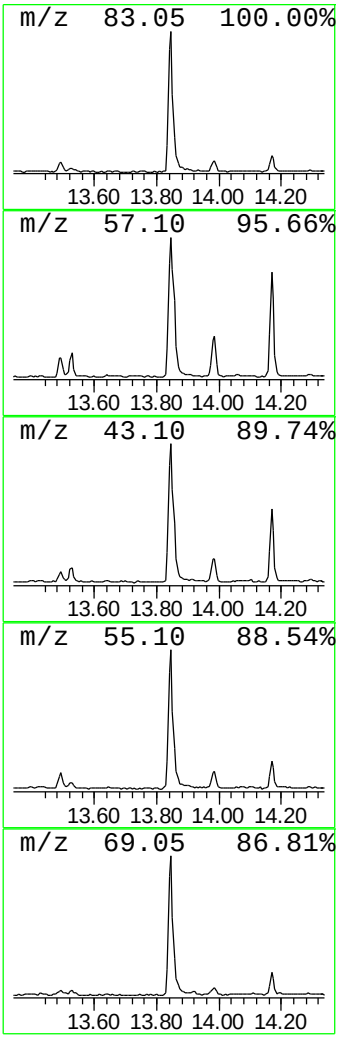
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94











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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-56

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

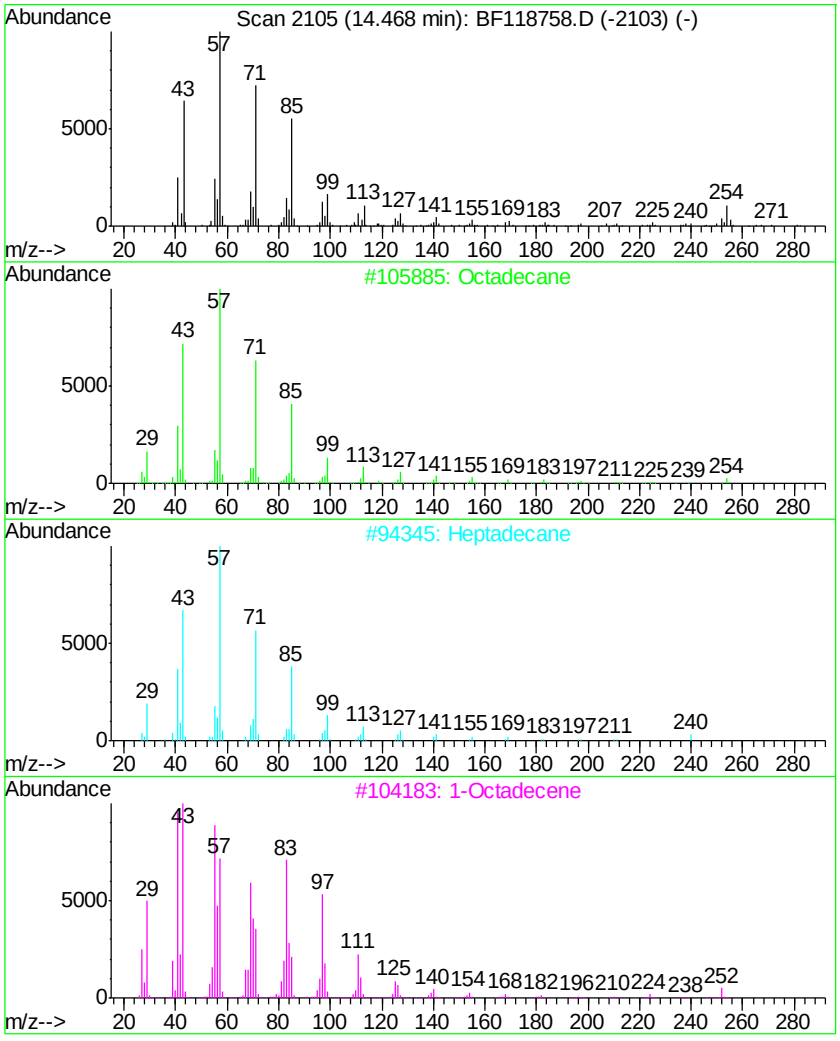
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

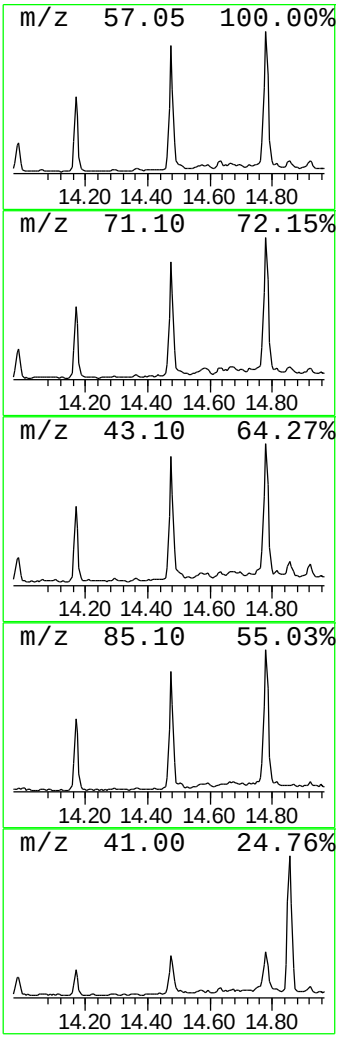
****

Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.47 ng	591102	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	97
3	1-Octadecene	252	C18H36	000112-88-9	92
4	1-Heptadecene	238	C17H34	006765-39-5	92
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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

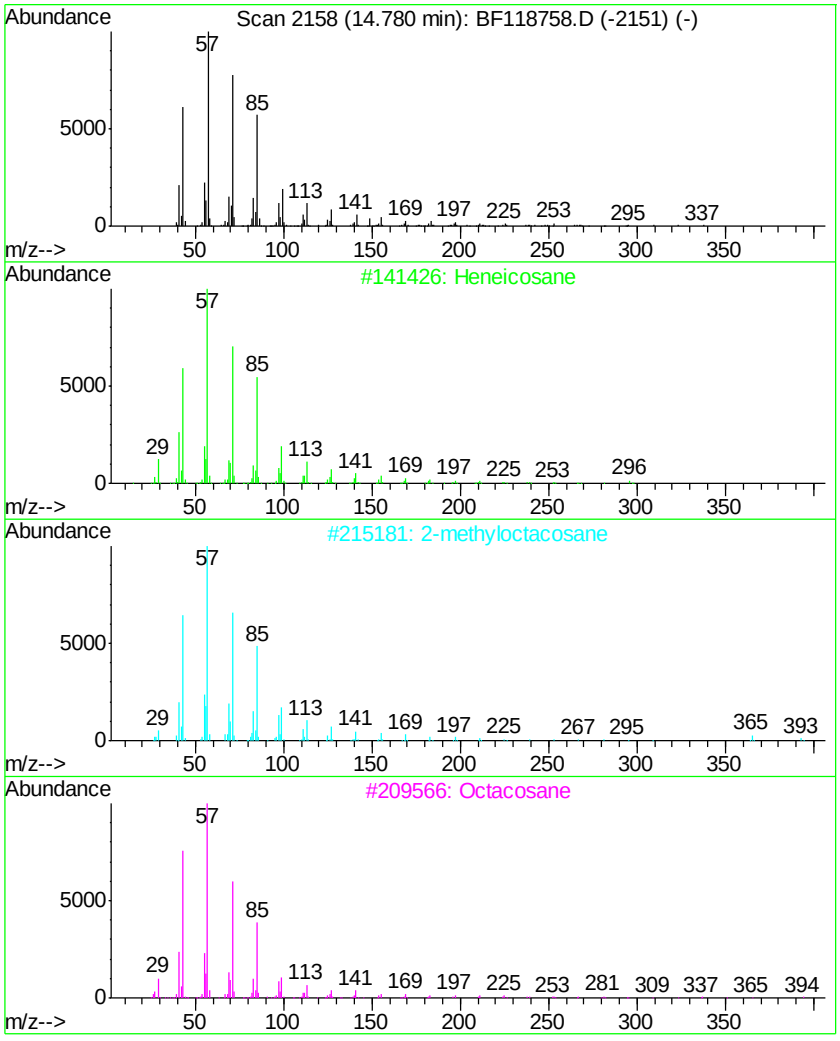
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

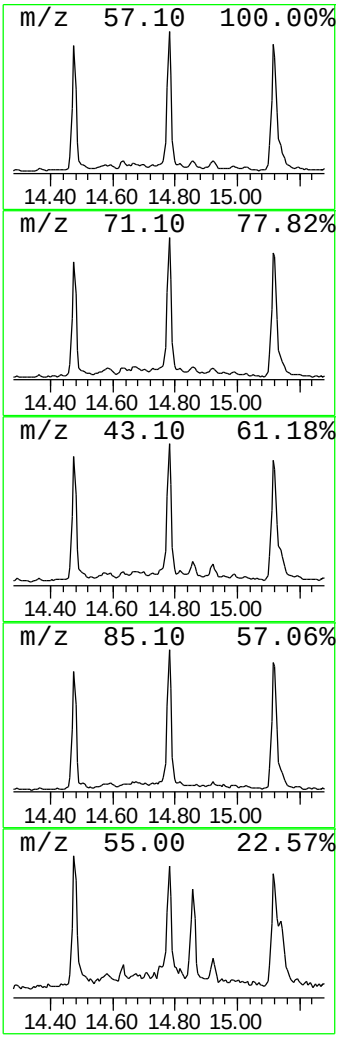
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	5.48 ng	687213	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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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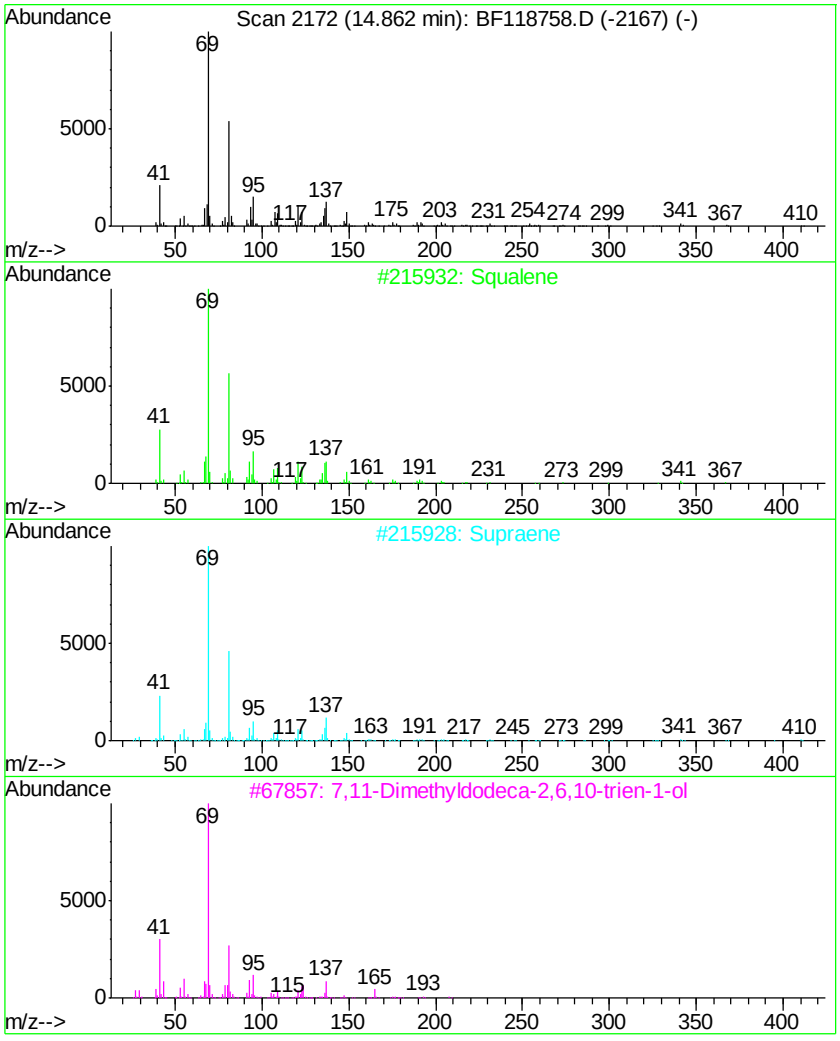
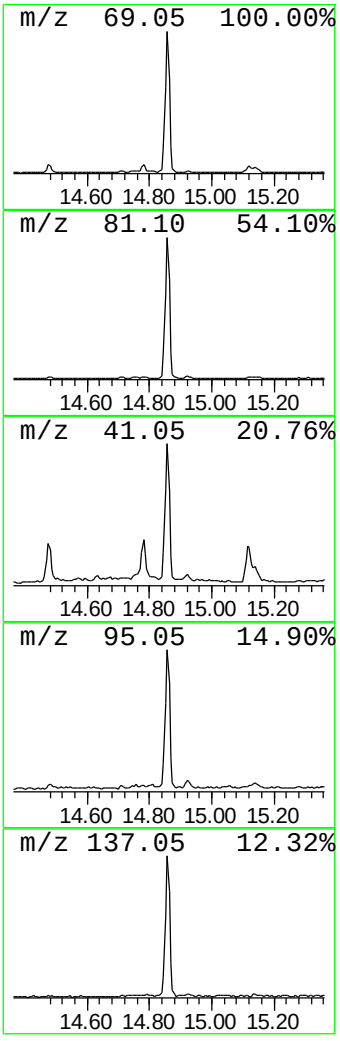
Peak Number 9 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.87 ng	1364060	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52





Library Search Compound Report

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Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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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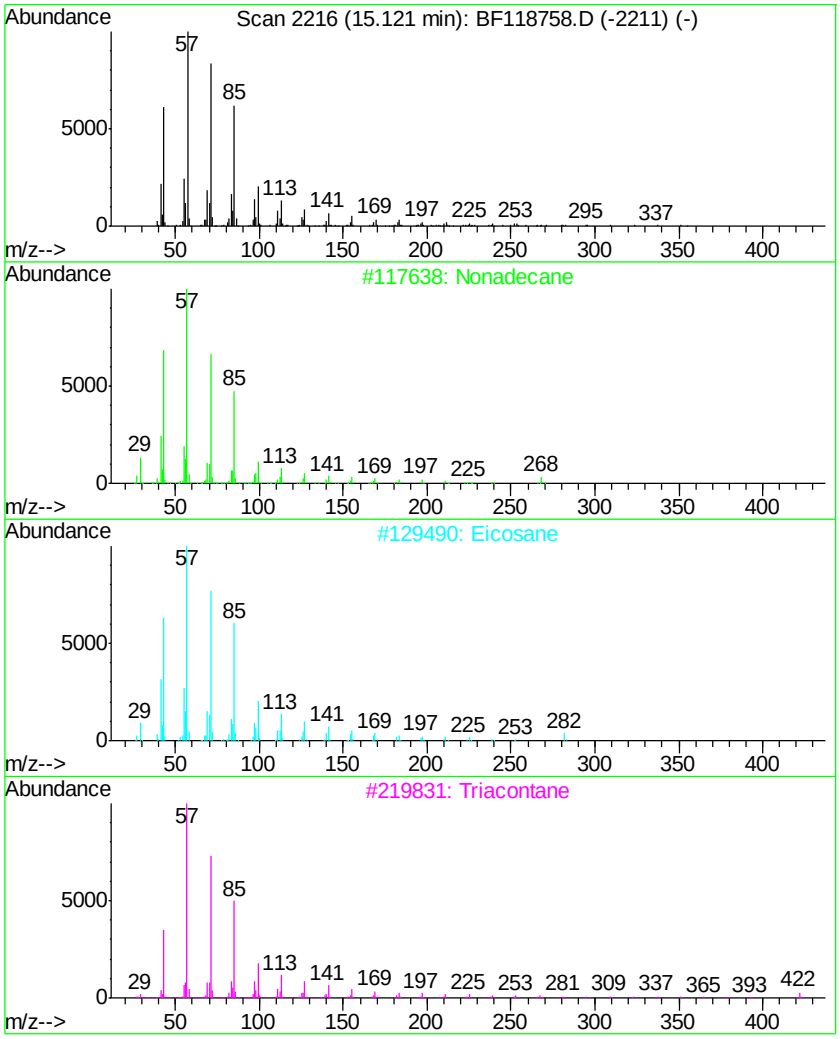
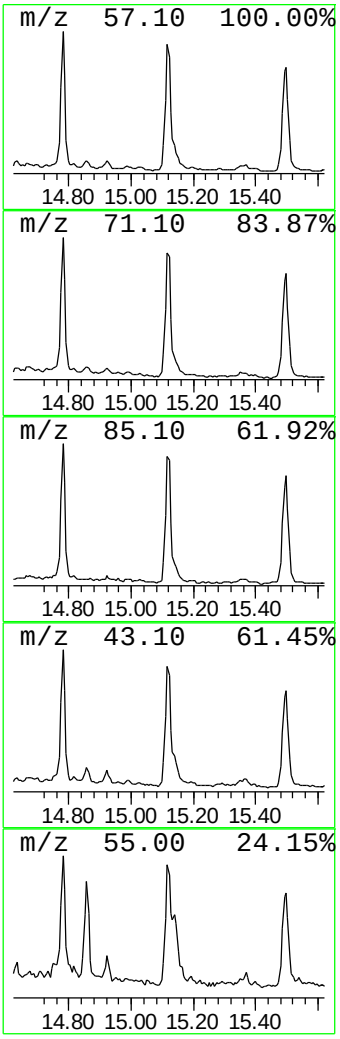
Peak Number 10 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	7.78 ng	976396	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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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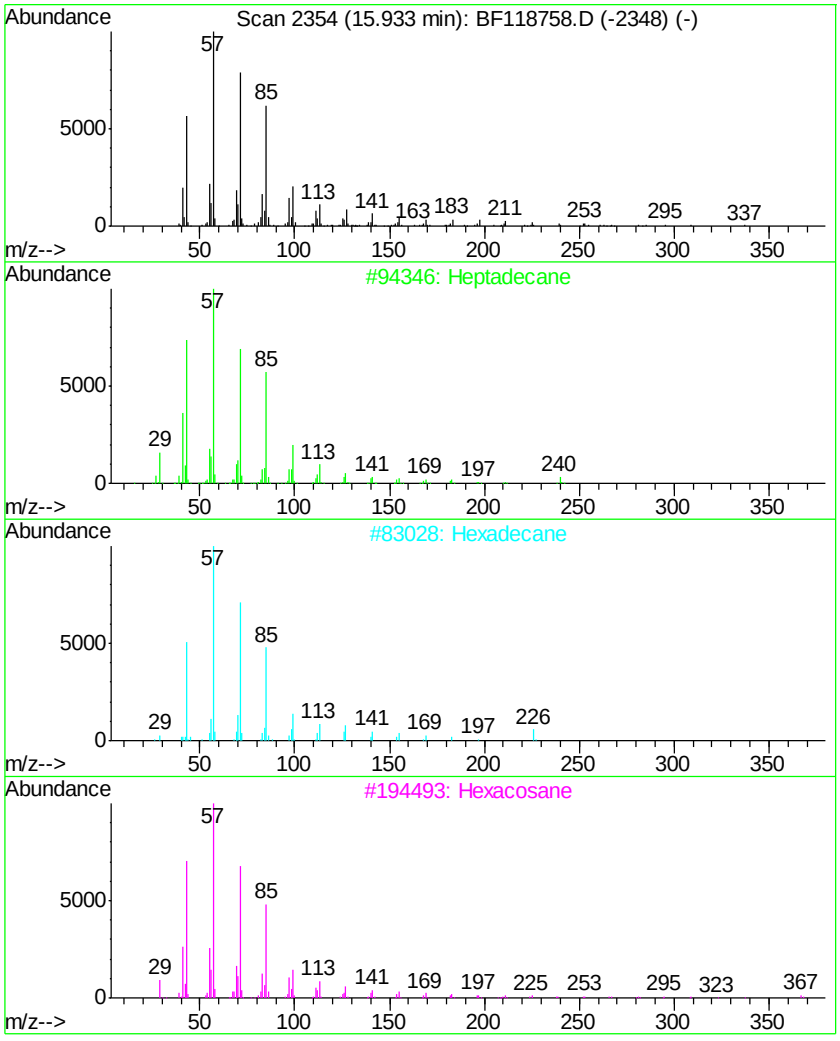
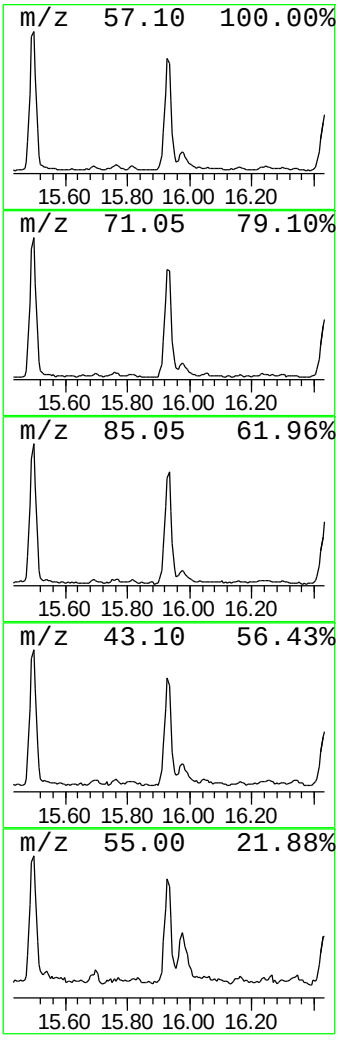
Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.59 ng	575708	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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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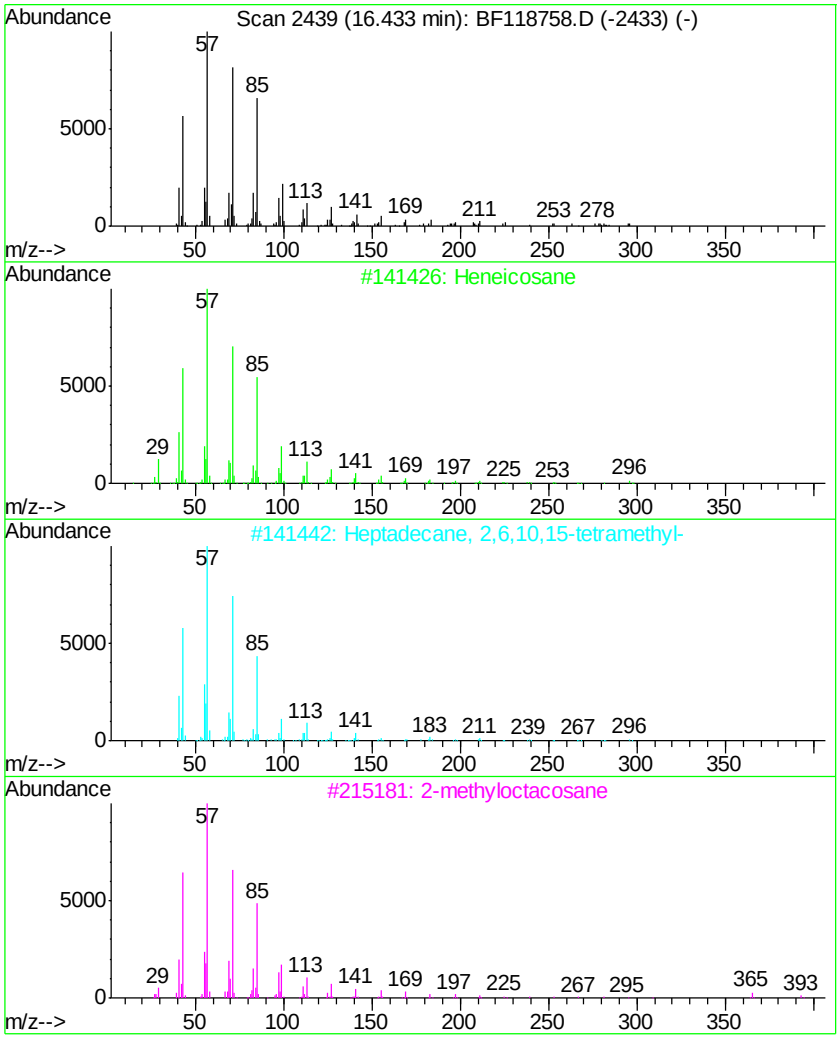
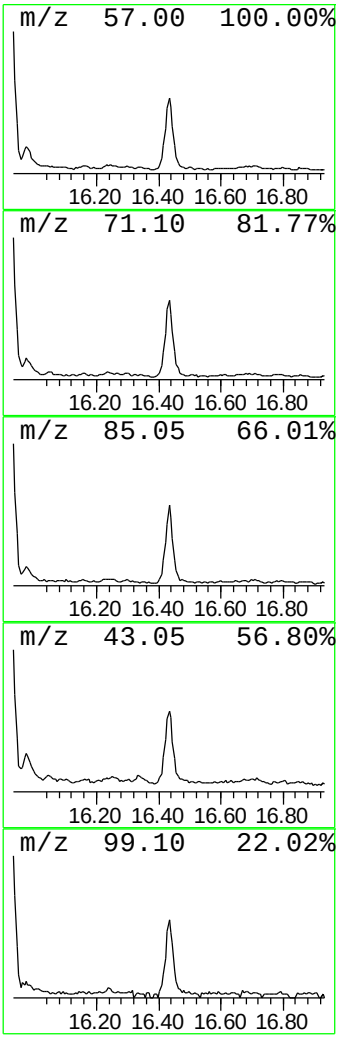
Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	3.07 ng	384741	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56

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-Pentanone, 4-hy...	5.06	2.6	ng	197125	1	6.84	1532550	20.0
2,4,7,9-Tetrameth...	9.32	4.1	ng	530163	3	9.87	2596890	20.0
n-Hexadecanoic acid	11.89	8.2	ng	1155200	4	11.36	2817490	20.0
Octadecanoic acid	12.67	3.4	ng	474934	4	11.36	2817490	20.0
5-Eicosene, (E)-	13.84	6.9	ng	1171220	5	14.00	3408660	20.0
Octadecane	14.47	3.5	ng	591102	5	14.00	3408660	20.0
Heneicosane	14.78	5.5	ng	687213	6	15.46	2509230	20.0
Squalene	14.86	10.9	ng	1364060	6	15.46	2509230	20.0
Nonadecane	15.12	7.8	ng	976396	6	15.46	2509230	20.0
Heptadecane	15.93	4.6	ng	575708	6	15.46	2509230	20.0
Heptadecane, 2,6,...	16.43	3.1	ng	384741	6	15.46	2509230	20.0