LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

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-BF091020.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	4.963	485	489	500	rVB	13495	20138	1.31%	0.129%
2	5.381	557	560	579	rBV	1109478	1195592	77.91%	7.640%
3	6.404	730	734	752	rBV	1139225	1226633	79.93%	7.839%
4	6.598	764	767	771	rBV2	19097	26381	1.72%	0.169%
5	6.763	791	795	801	rBV	1043097	831535	54.18%	5.314%
6	7.328	887	891	904	rBV	865777	832270	54.23%	5.318%
7	8.045	1005	1013	1031	rBV	1180223	1147247	74.76%	7.331%
8	9.122	1192	1196	1207	rBV	1692886	1534624	100.00%	9.807%
9	9.204	1207	1210	1212	rVV	72125	61794	4.03%	0.395%
10	9.516	1260	1263	1273	rBV	159175	163656	10.66%	1.046%
11	9.798	1304	1311	1324	rBV	1328233	1252923	81.64%	8.007%
12	10.228	1381	1384	1391	rVB	134682	103039	6.71%	0.658%
13	10.592	1442	1446	1457	rBV	661735	775038	50.50%	4.953%
14	11.151	1537	1541	1544	rBV	156617	131608	8.58%	0.841%
15	11.286	1560	1564	1567	rBV	1220445	1106732	72.12%	7.072%
16	11.527	1603	1605	1611	rVB7	14490	21018	1.37%	0.134%
17	11.575	1611	1613	1617	rBV4	13848	19254	1.25%	0.123%
18	11.710	1633	1636	1639	rBV4	33098	30320	1.98%	0.194%
19	11.775	1644	1647	1651	rBV3	42010	44970	2.93%	0.287%
20	11.816	1651	1654	1655	rBV3	25421	26284	1.71%	0.168%
21	11.869	1660	1663	1666	rBV5	28491	29633	1.93%	0.189%
22	11.904	1666	1669	1671	rVV2	41689	34304	2.24%	0.219%
23	11.980	1677	1682	1686	rBV2	234273	264053	17.21%	1.687%
24	12.033	1688	1691	1693	rVV3	26676	32771	2.14%	0.209%
25	12.063	1693	1696	1702	rVB3	71901	88861	5.79%	0.568%
26	12.116	1702	1705	1706	rBV3	28896	30807	2.01%	0.197%
27	12.227	1719	1724	1726	rVB	89027	97280	6.34%	0.622%
28	12.304	1734	1737	1740	rVB	58349	62674	4.08%	0.401%
29	12.363	1744	1747	1748	rBV2	33188	33321	2.17%	0.213%
30	12.498	1767	1770	1773	rBV	106699	99225	6.47%	0.634%
31	12.533	1774	1776	1778	rVV3	32127	29502	1.92%	0.189%
32	12.727	1806	1809	1810	rBV	117639	114965	7.49%	0.735%
33	12.745	1810	1812	1816	rVB	187853	166193	10.83%	1.062%
34	12.869	1829	1833	1836	rBV	1412207	1207771	78.70%	7.718%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.045	1860	1863	1865	rBV	136422	136797	8.91%	0.874%
36	13.169	1882	1884	1887	rVB3	77555	63425	4.13%	0.405%
37	13.439	1927	1930	1934	rBV	239707	268081	17.47%	1.713%
38	13.927	2009	2013	2017	rBV	946457	916015	59.69%	5.854%
39	14.086	2038	2040	2044	rBV	164349	169491	11.04%	1.083%
40	14.674	2138	2140	2142	rBV	237048	273693	17.83%	1.749%
41	15.386	2257	2261	2268	rVB2	719440	978749	63.78%	6.255%

Sum of corrected areas: 15648667

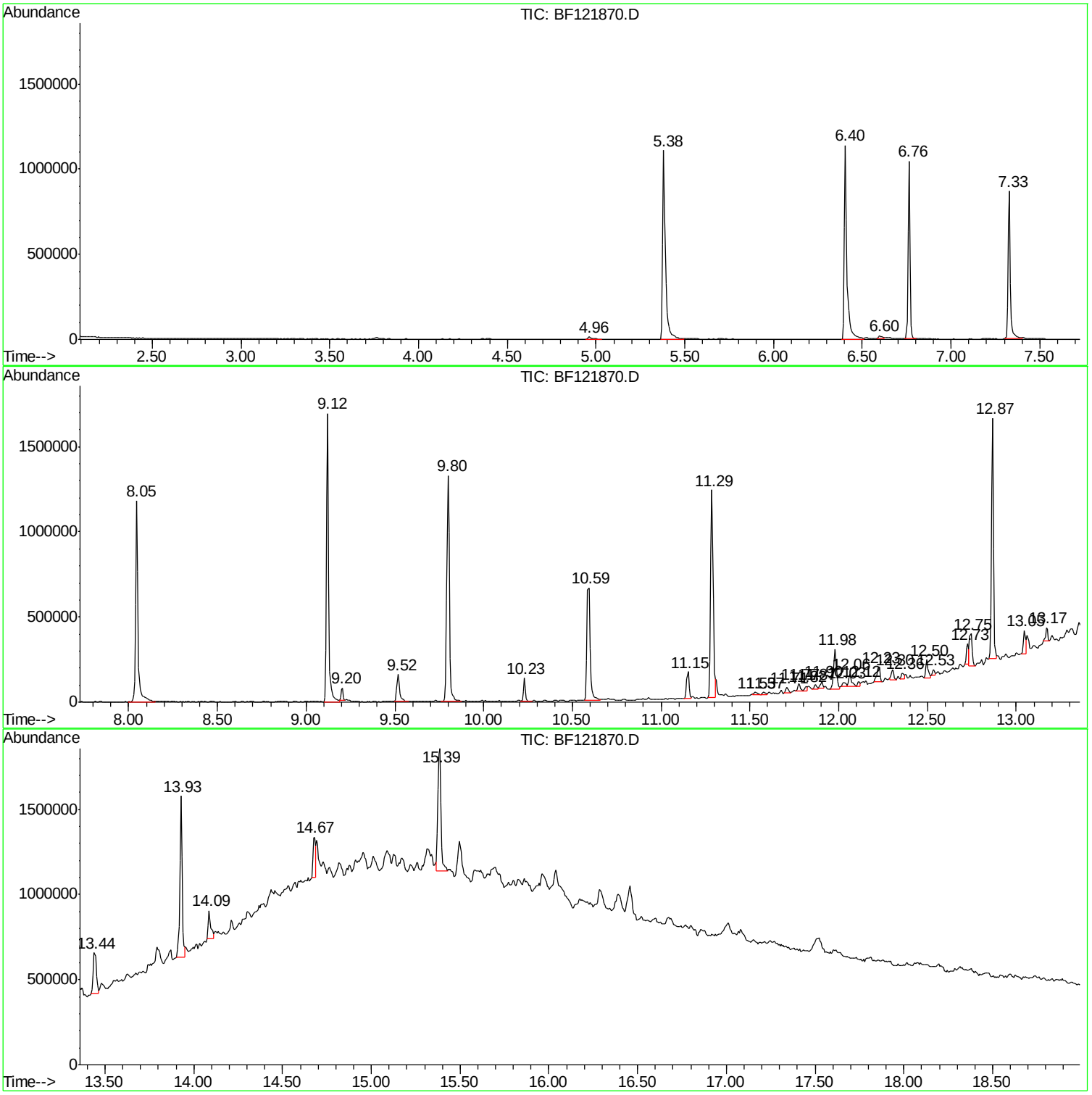
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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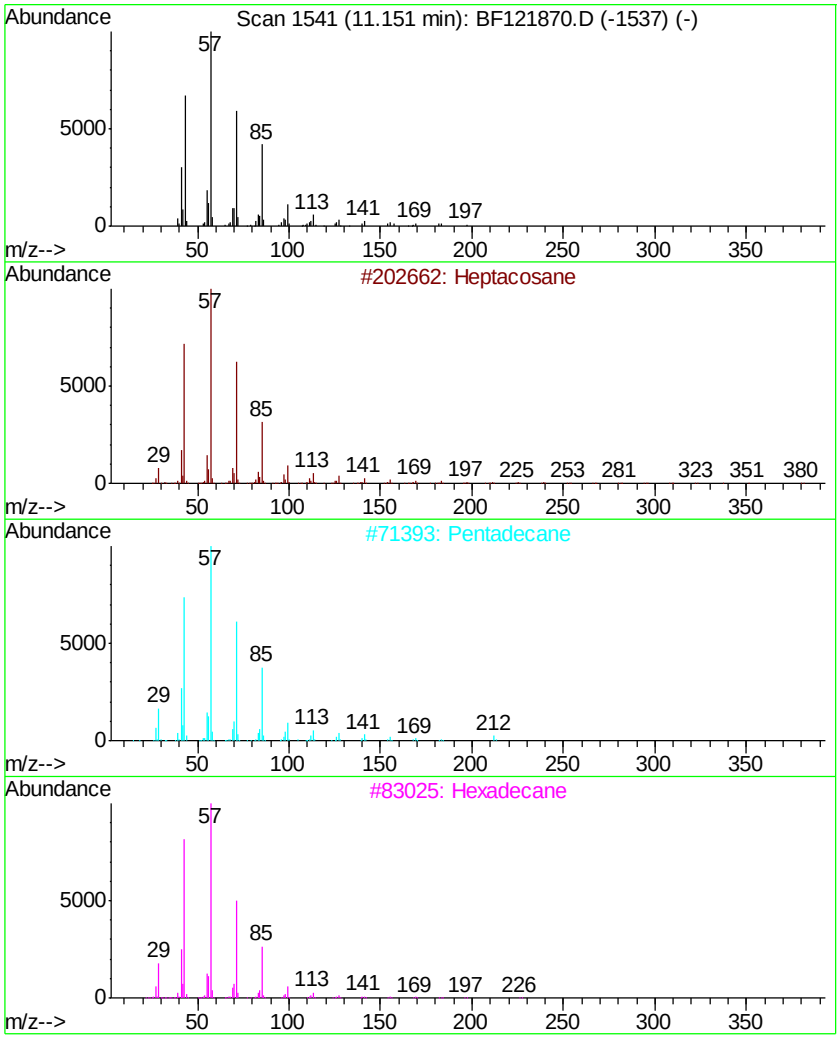
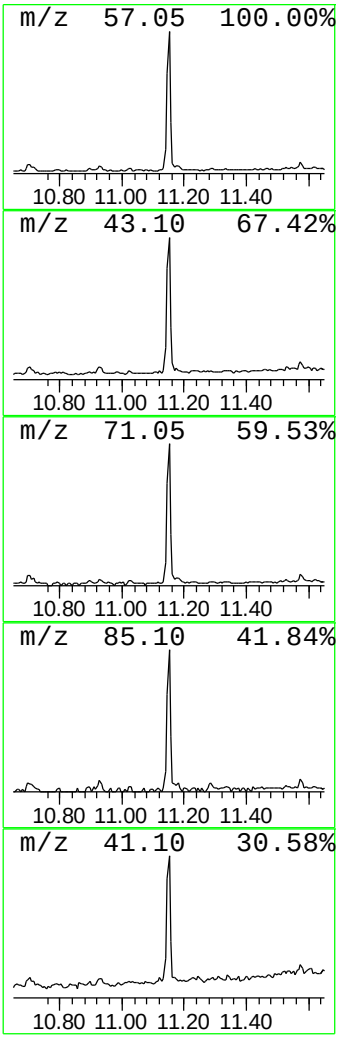
Peak Number 1 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.38 ng	131608	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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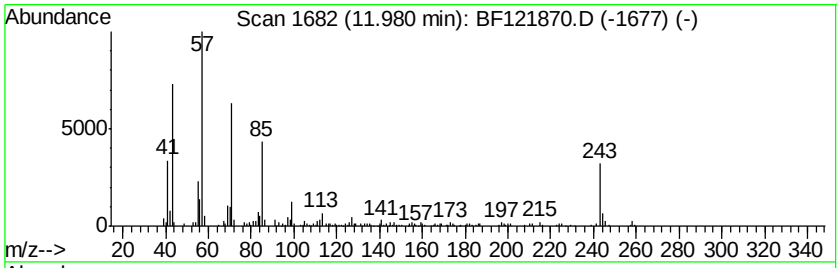
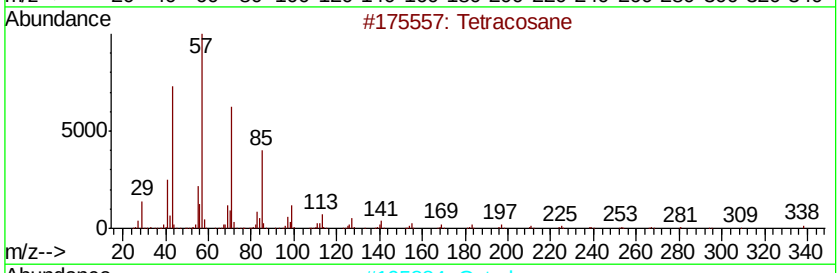
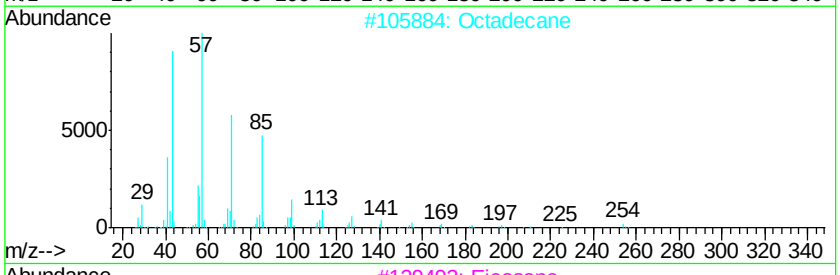
Peak Number 2 Octadecane Concentration Rank 3

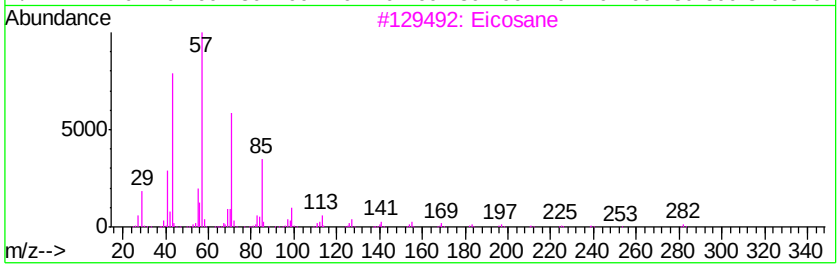
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.77 ng	264053	Phenanthrene-d10	11.29

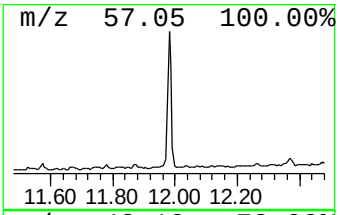
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	76
2	Octadecane	254	C18H38	000593-45-3	68
3	Eicosane	282	C20H42	000112-95-8	68
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Tetradecane	198	C14H30	000629-59-4	64

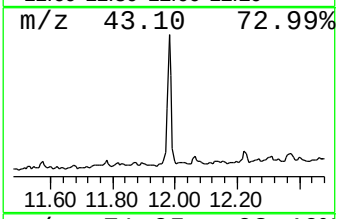


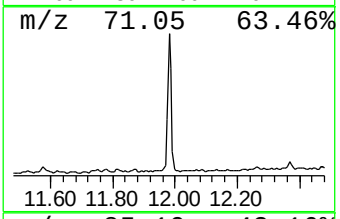


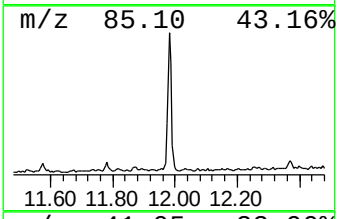


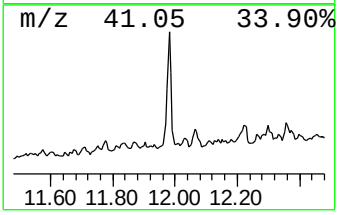












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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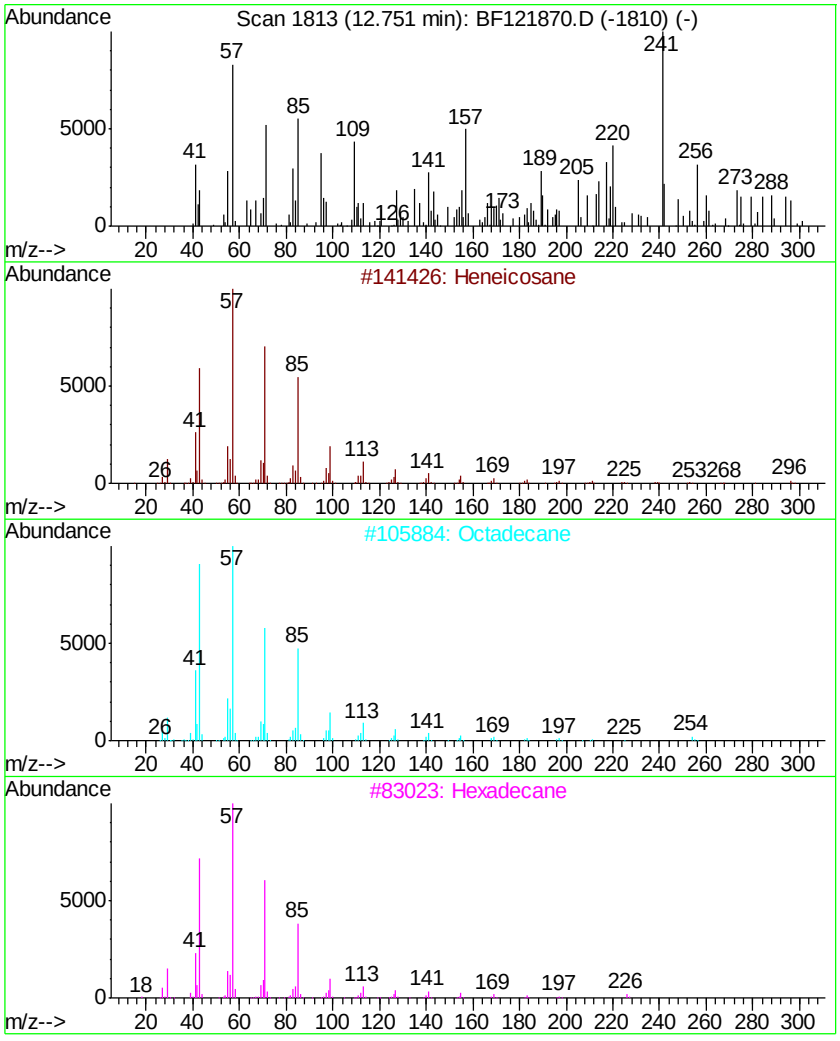
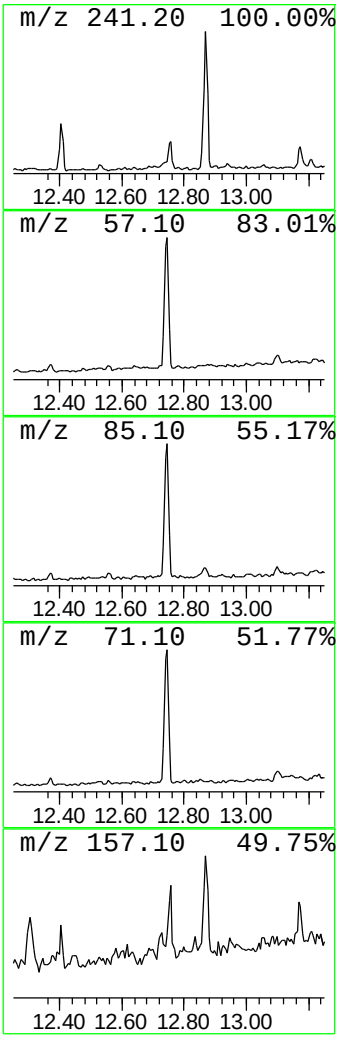
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.63 ng	166193	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane	254	C18H38	000593-45-3	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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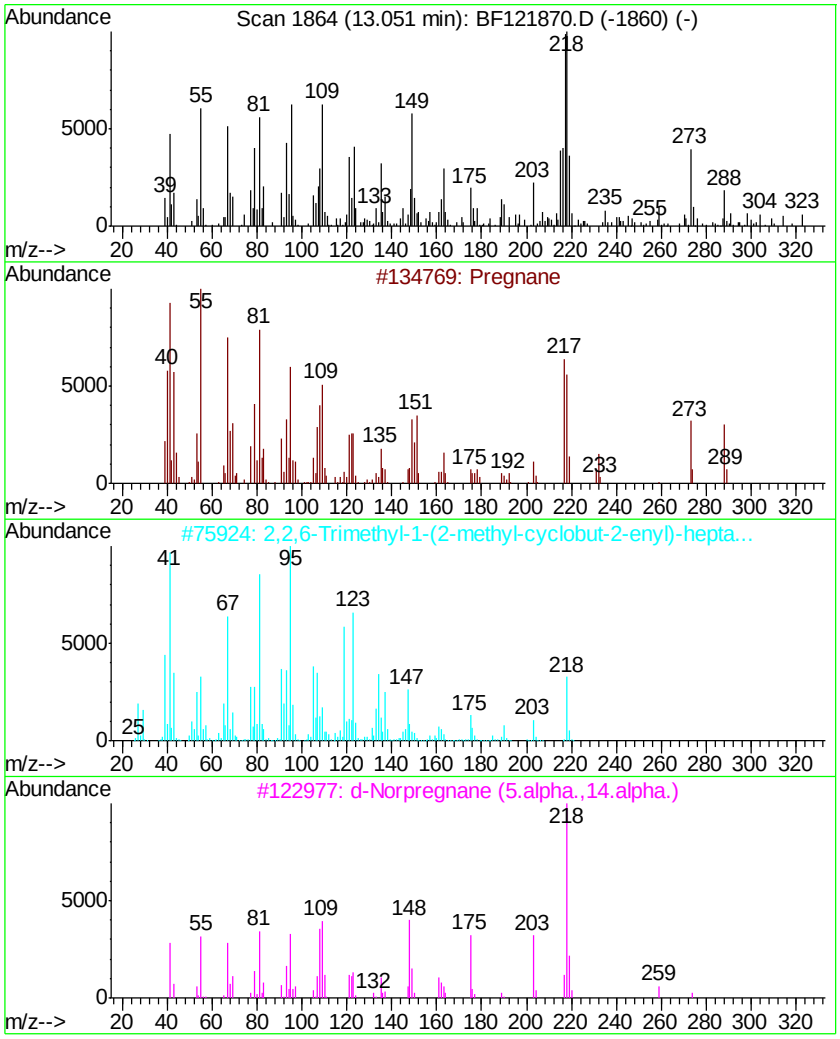
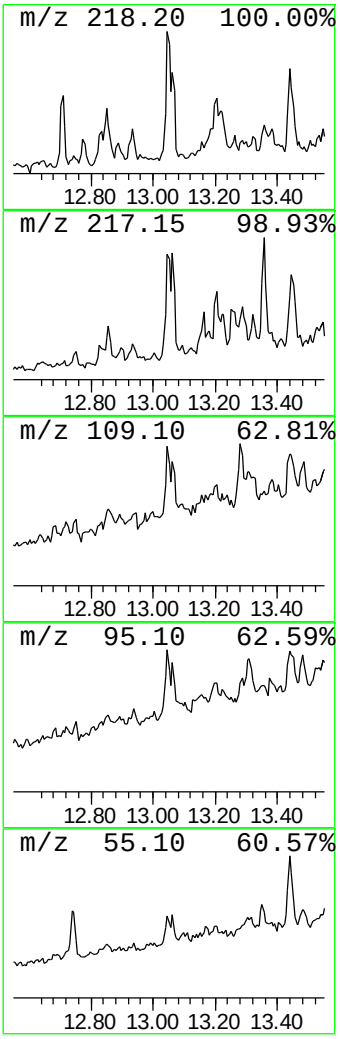
Peak Number 5 Pregnane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.99 ng	136797	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnane	288	C21H36	000481-26-5	52
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50
3	d-Norpregnane (5.alpha.,14.alpha.)	274	C20H34	1000281-13-7	43
4	Allopregnane	288	C21H36	000641-85-0	43
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

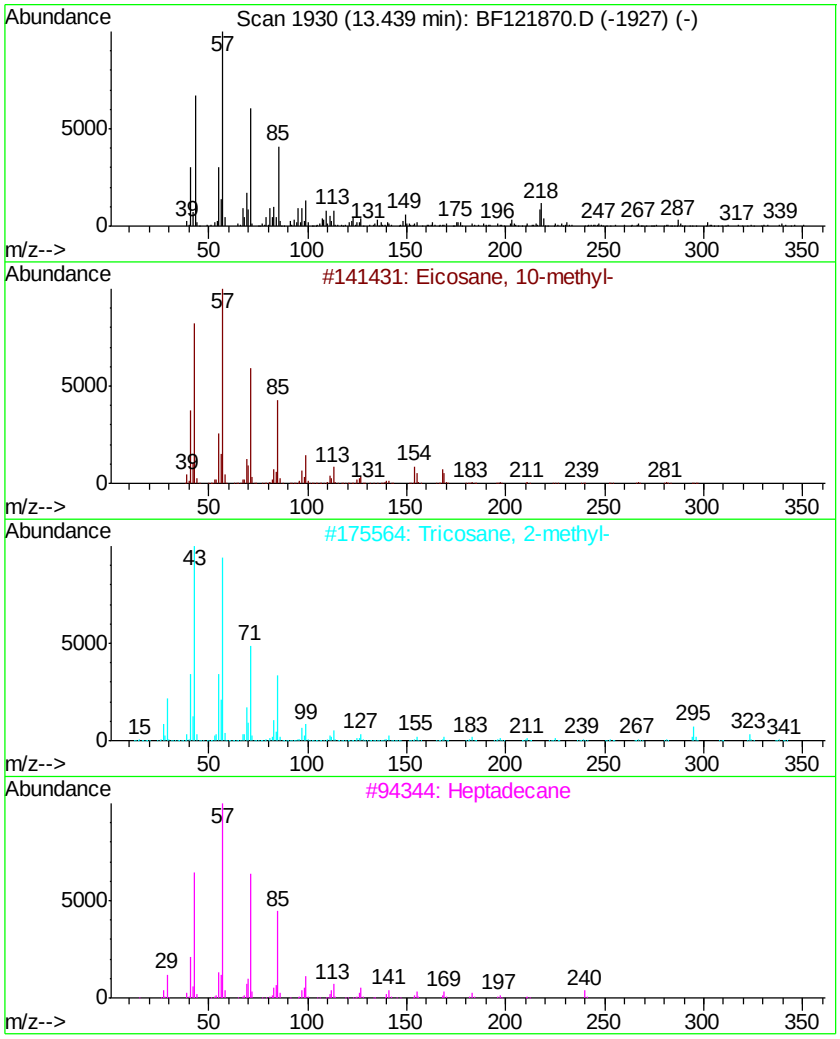
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

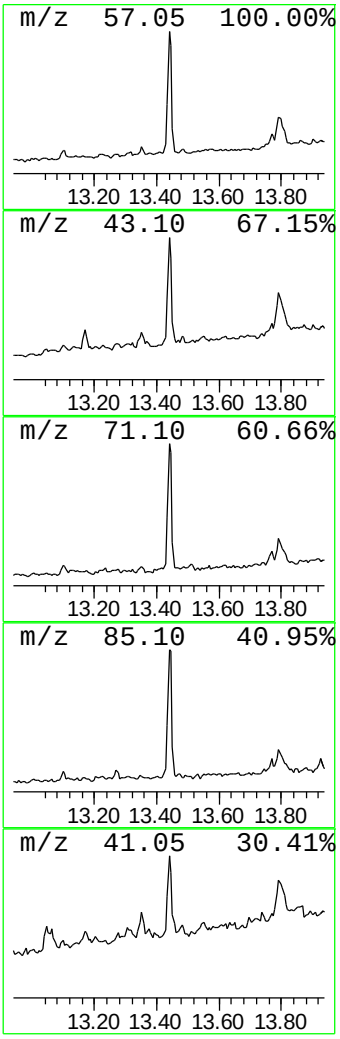
****

Peak Number 6 Eicosane, 10-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.85 ng	268081	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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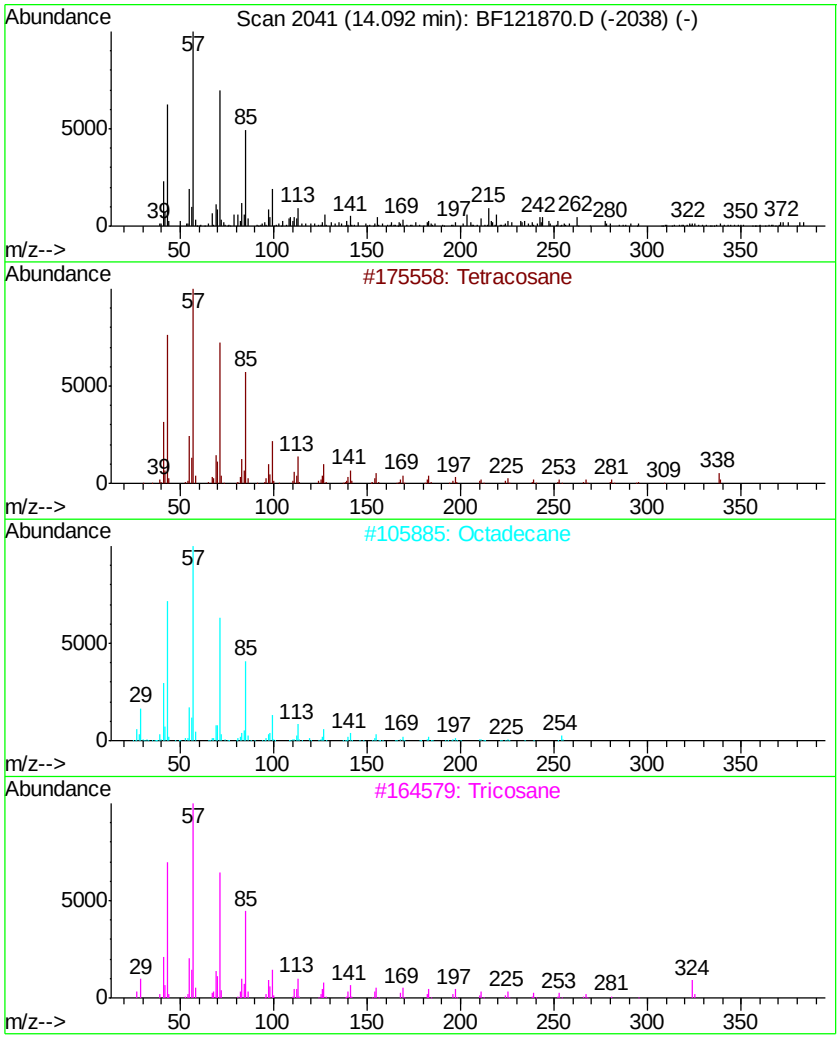
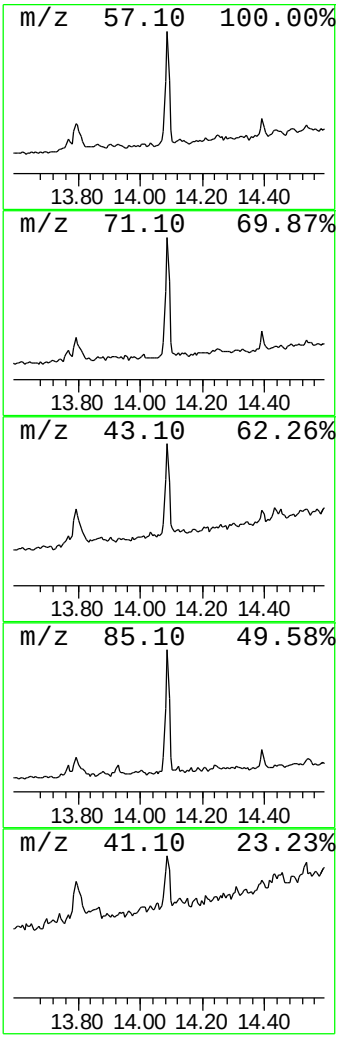
Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.70 ng	169491	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Octadecane	254	C18H38	000593-45-3	91
3	Tricosane	324	C23H48	000638-67-5	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

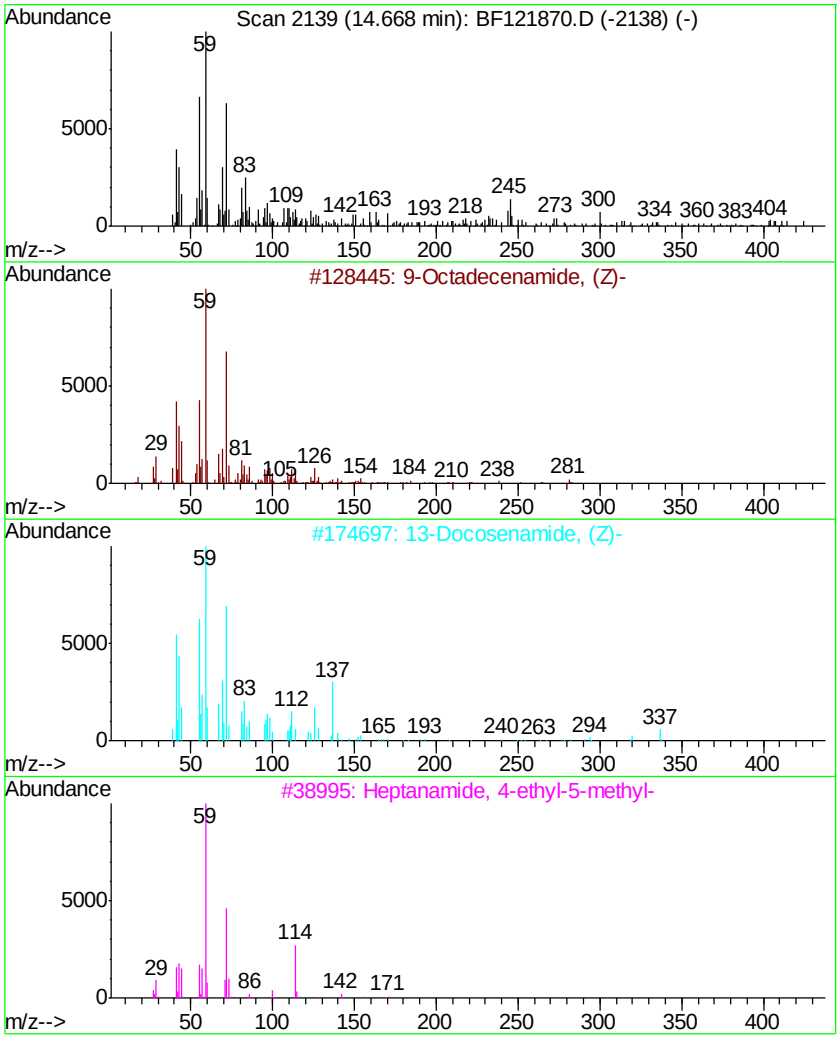
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

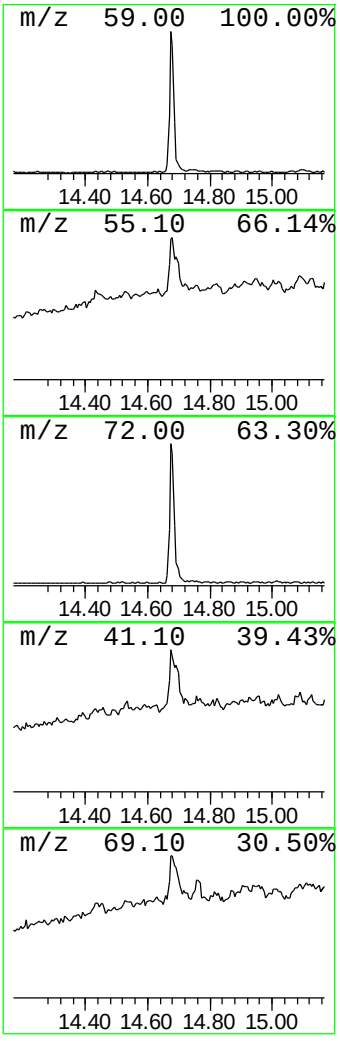
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.59 ng	273693	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
4	Dodecanamide	199	C12H25NO	001120-16-7	50
5	Octanamide	143	C8H17NO	000629-01-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
Data File : BF121870.D
Acq On : 7 Oct 2020 13:20
Operator : JU/CG
Sample : L4242-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B17-100120-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Heptacosane	11.15	2.4	ng	131608	4	11.29	1106730	20.0
Octadecane	11.98	4.8	ng	264053	4	11.29	1106730	20.0
Heneicosane	12.75	3.6	ng	166193	5	13.93	916015	20.0
Pregnane	13.05	3.0	ng	136797	5	13.93	916015	20.0
Eicosane, 10-methyl-	13.44	5.8	ng	268081	5	13.93	916015	20.0
Tetracosane	14.09	3.7	ng	169491	5	13.93	916015	20.0
9-Octadecenamide,...	14.67	5.6	ng	273693	6	15.38	978749	20.0