LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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-BF020320.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	2.187	13	17	27	rVB2	87813	136374	2.01%	0.240%
2	5.034	497	501	508	rVB	88581	110550	1.63%	0.195%
3	5.434	564	569	572	rBV	5128319	5181969	76.29%	9.124%
4	6.445	735	741	744	rBV	4860846	5246309	77.24%	9.238%
5	6.810	799	803	807	rBV	1851752	1547122	22.78%	2.724%
6	6.969	826	830	834	rBV	5158429	4646386	68.40%	8.181%
7	7.375	893	899	902	rBV	3357293	3561046	52.43%	6.270%
8	8.092	1017	1021	1024	rBV	2533914	2038705	30.01%	3.590%
9	9.169	1199	1204	1207	rBV	7493834	6792555	100.00%	11.960%
10	9.257	1215	1219	1222	rBV2	59724	81051	1.19%	0.143%
11	9.557	1267	1270	1275	rBV	375198	291020	4.28%	0.512%
12	9.845	1313	1319	1322	rBV	2924374	2369448	34.88%	4.172%
13	10.386	1408	1411	1415	rBV	91925	93489	1.38%	0.165%
14	10.633	1448	1453	1456	rBV	4548725	4259245	62.70%	7.500%
15	10.757	1471	1474	1481	rVB2	98057	135541	2.00%	0.239%
16	11.204	1543	1550	1552	rBV3	104097	130504	1.92%	0.230%
17	11.227	1552	1554	1559	rVB2	75173	100204	1.48%	0.176%
18	11.327	1567	1571	1573	rBV	2480711	2156047	31.74%	3.796%
19	11.351	1573	1575	1578	rVV	737263	560621	8.25%	0.987%
20	11.398	1578	1583	1586	rVB	212372	214209	3.15%	0.377%
21	11.627	1619	1622	1624	rBV2	96363	72786	1.07%	0.128%
22	11.827	1653	1656	1658	rBV	104607	92382	1.36%	0.163%
23	11.857	1658	1661	1665	rVV	535870	474410	6.98%	0.835%
24	11.939	1671	1675	1677	rBV	169212	180622	2.66%	0.318%
25	11.963	1677	1679	1684	rVB	88503	82466	1.21%	0.145%
26	12.033	1688	1691	1694	rVB2	109344	95180	1.40%	0.168%
27	12.316	1735	1739	1743	rVB3	46976	83353	1.23%	0.147%
28	12.380	1747	1750	1752	rVV2	91796	91733	1.35%	0.162%
29	12.422	1752	1757	1761	rVB5	128653	183735	2.70%	0.324%
30	12.533	1773	1776	1780	rBV	755656	689312	10.15%	1.214%
31	12.639	1791	1794	1801	rBV5	134732	208343	3.07%	0.367%
32	12.763	1809	1815	1818	rBV	718930	742734	10.93%	1.308%
33	12.792	1818	1820	1822	rVB2	130579	97087	1.43%	0.171%
34	12.910	1836	1840	1844	rBV	5732337	5485280	80.75%	9.658%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.092	1869	1871	1875	rVB	136682	129234	1.90%	0.228%
36	13.151	1878	1881	1885	rVB2	179061	222776	3.28%	0.392%
37	13.198	1886	1889	1892	rBV2	76252	78545	1.16%	0.138%
38	13.492	1936	1939	1942	rBV	204677	201320	2.96%	0.354%
39	13.816	1991	1994	2003	rVB2	449076	545943	8.04%	0.961%
40	13.963	2014	2019	2021	rBV2	1788749	1942501	28.60%	3.420%
41	13.986	2021	2023	2025	rVB	276687	210884	3.10%	0.371%
42	14.133	2045	2048	2053	rVB2	330536	308660	4.54%	0.543%
43	14.439	2097	2100	2103	rBV	378683	345590	5.09%	0.609%
44	14.739	2148	2151	2154	rBV	357701	361282	5.32%	0.636%
45	14.986	2190	2193	2203	rVB	271750	547537	8.06%	0.964%
46	15.068	2204	2207	2217	rVB2	361914	527086	7.76%	0.928%
47	15.280	2240	2243	2249	rVB	198945	268036	3.95%	0.472%
48	15.345	2250	2254	2257	rVV	239576	313373	4.61%	0.552%
49	15.404	2260	2264	2268	rVV	1377162	1772180	26.09%	3.120%
50	15.439	2268	2270	2277	rVB2	360154	474394	6.98%	0.835%
51	15.868	2340	2343	2349	rVB	223419	312349	4.60%	0.550%

Sum of corrected areas: 56793508

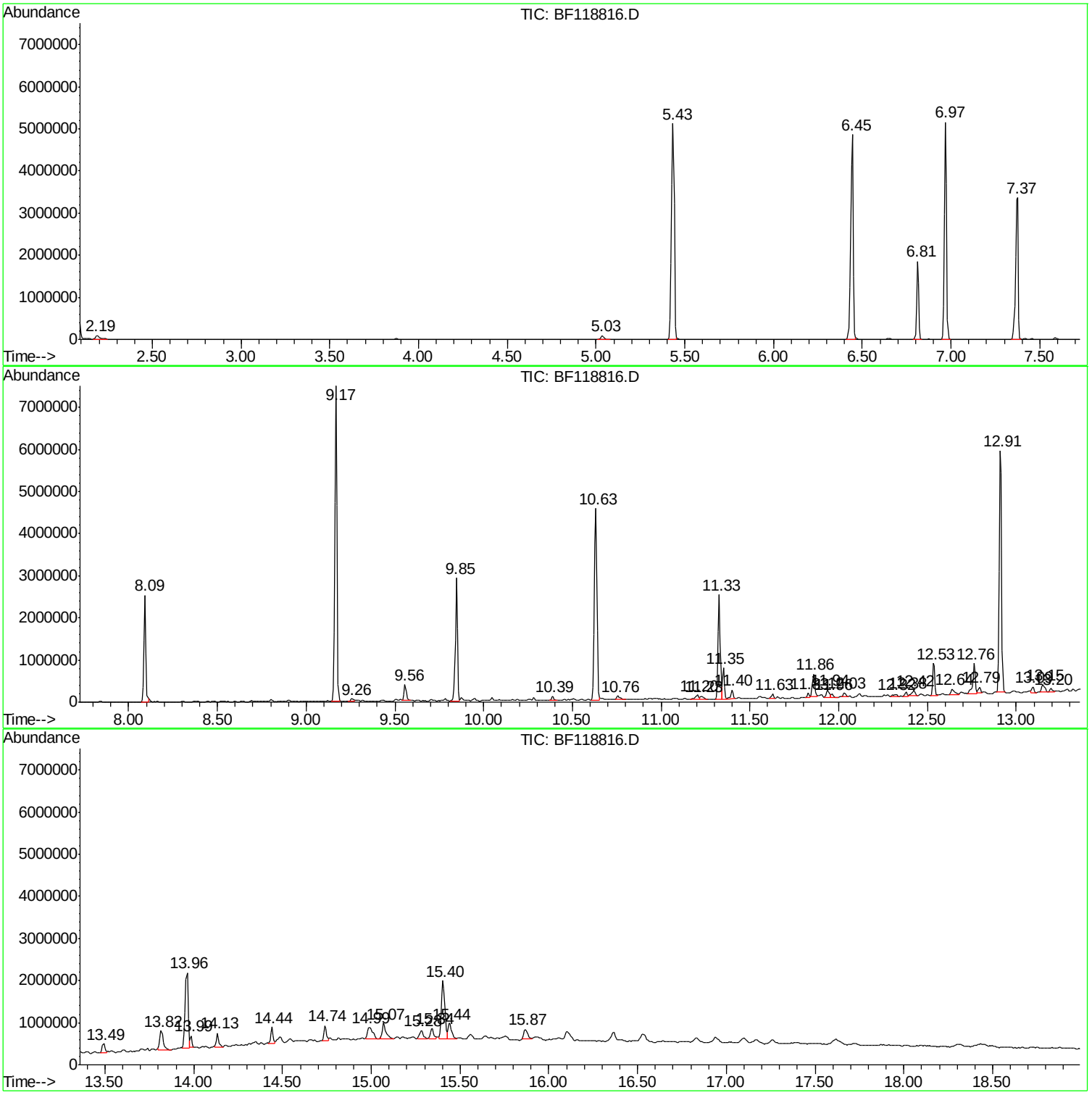
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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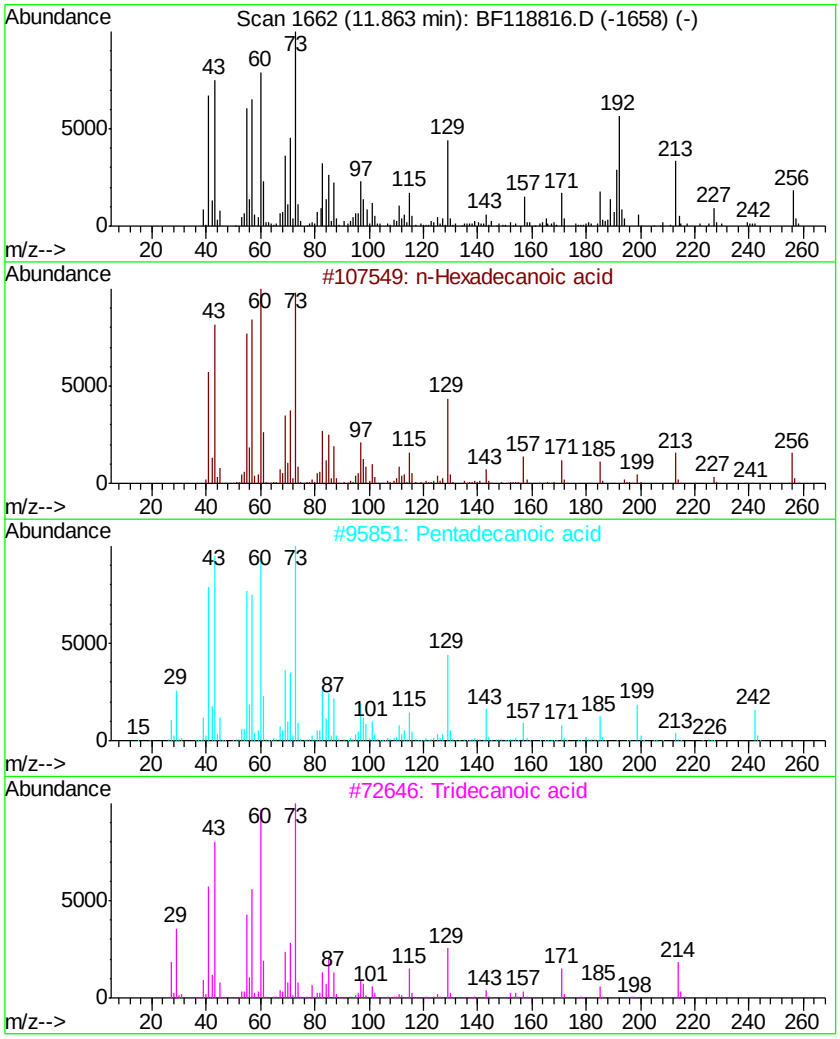
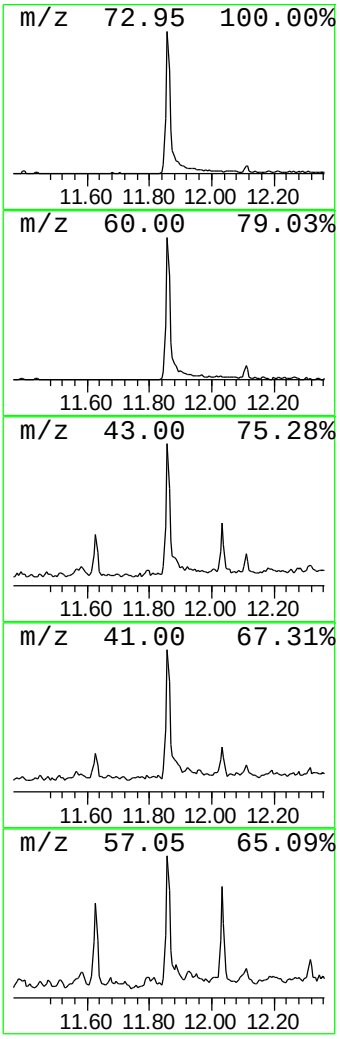
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.40 ng	474410	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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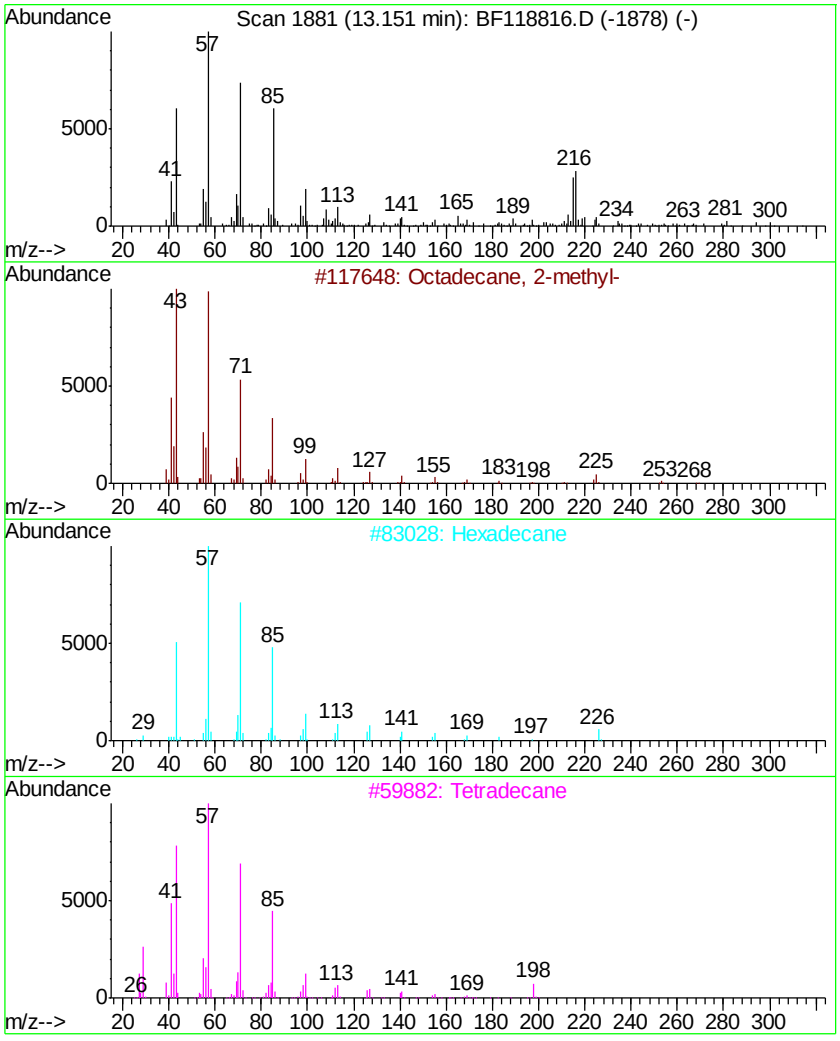
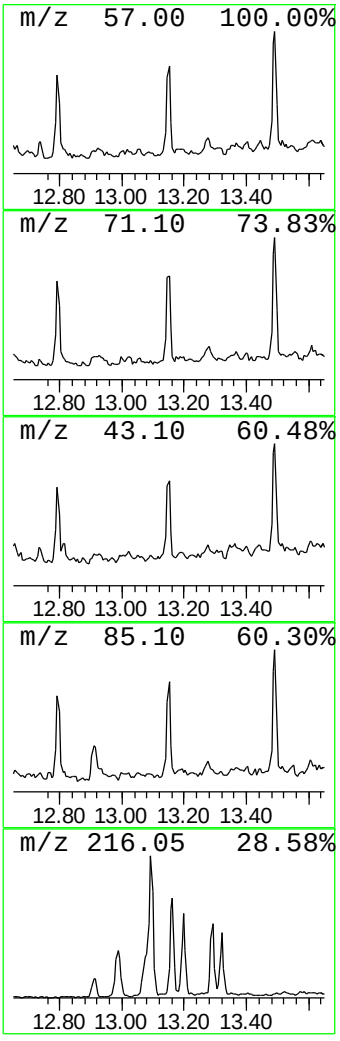
Peak Number 3 Octadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.29 ng	222776	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
2	Hexadecane	226	C16H34	000544-76-3	70
3	Tetradecane	198	C14H30	000629-59-4	68
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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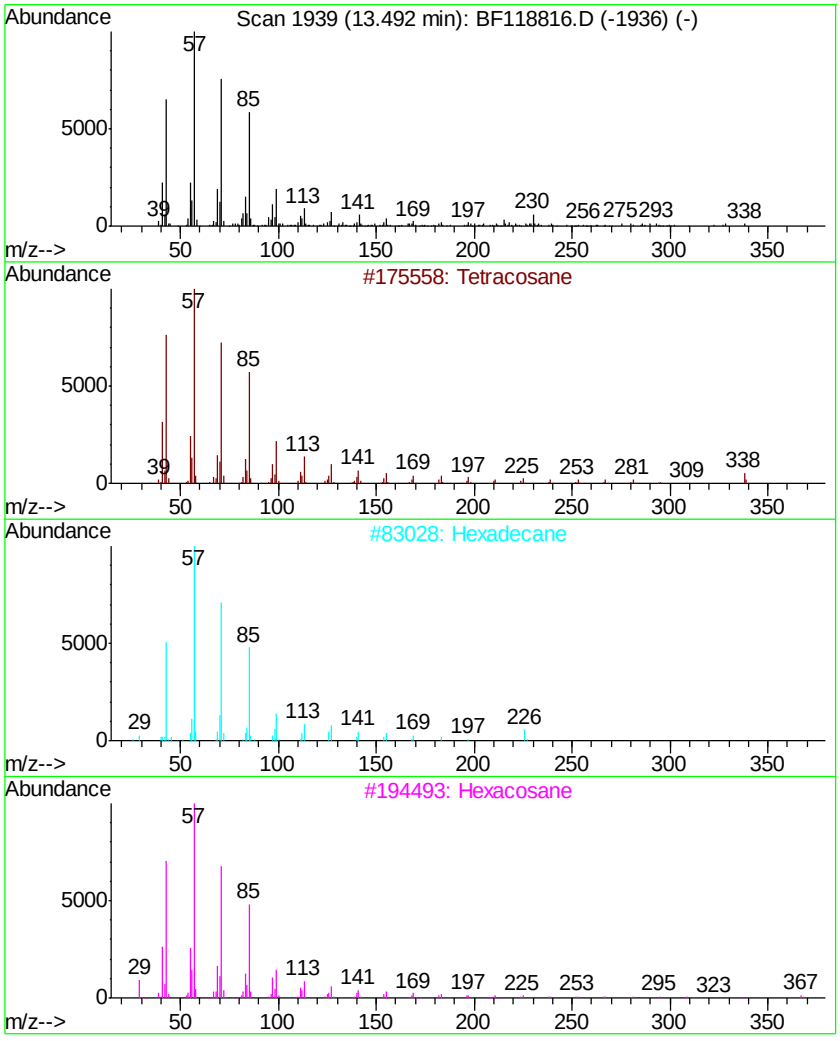
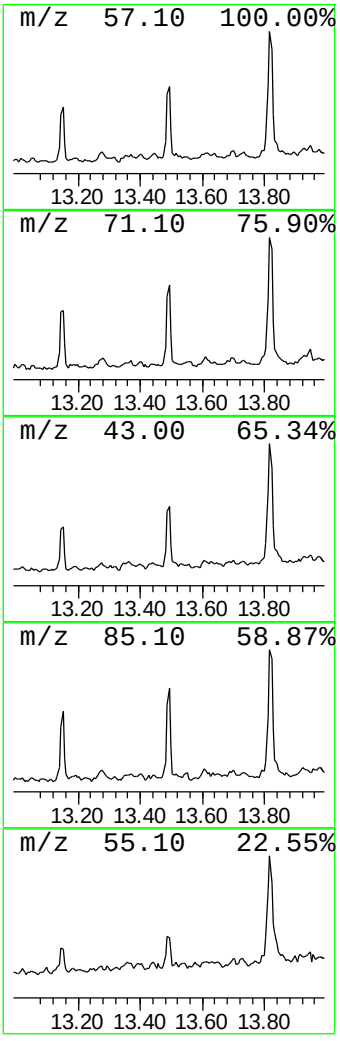
Peak Number 4 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.07 ng	201320	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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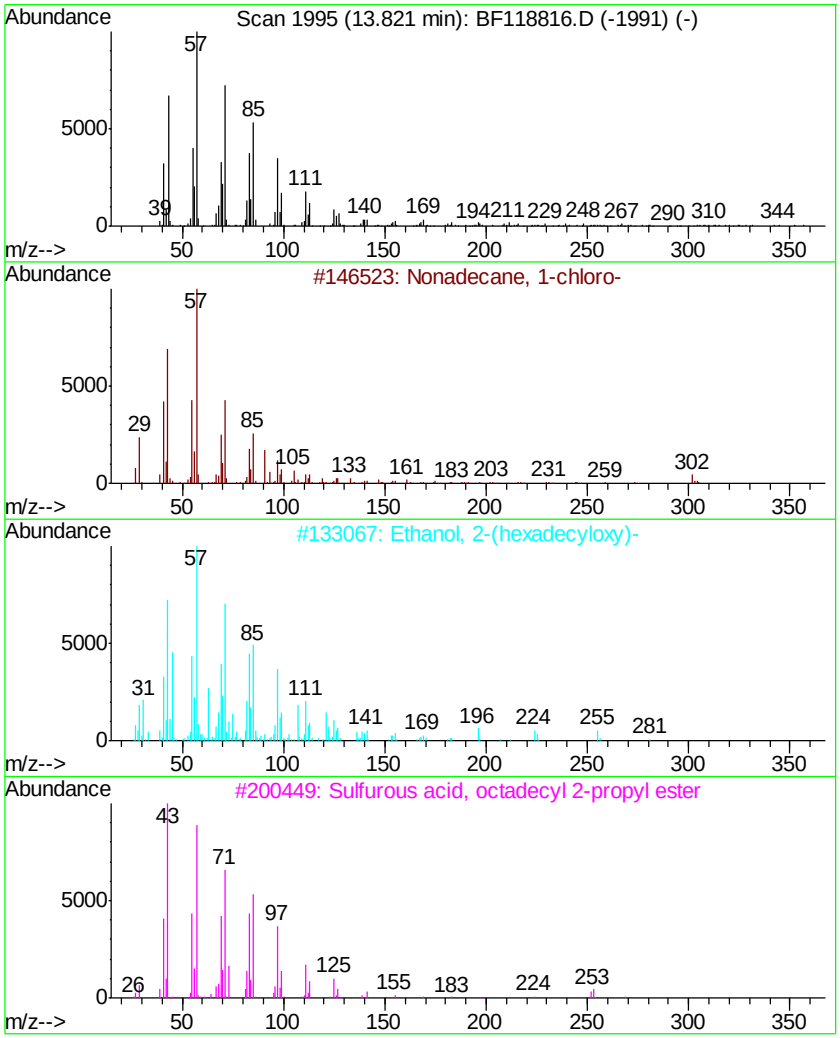
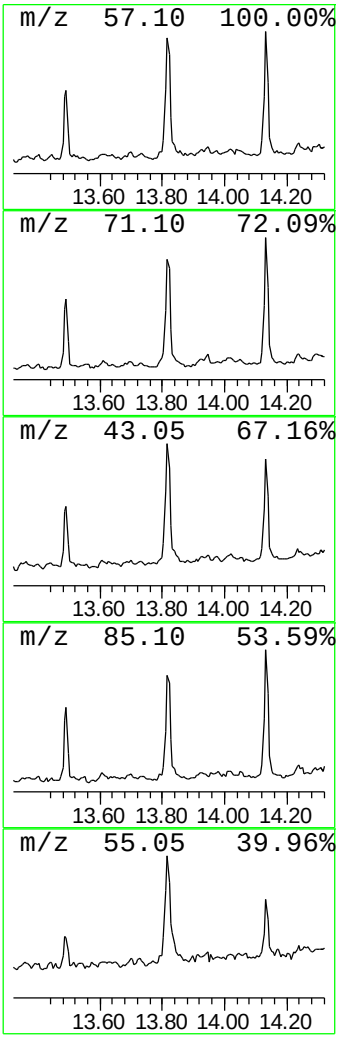
Peak Number 5 Nonadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.62 ng	545943	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	91
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
5	Heneicosane	296	C21H44	000629-94-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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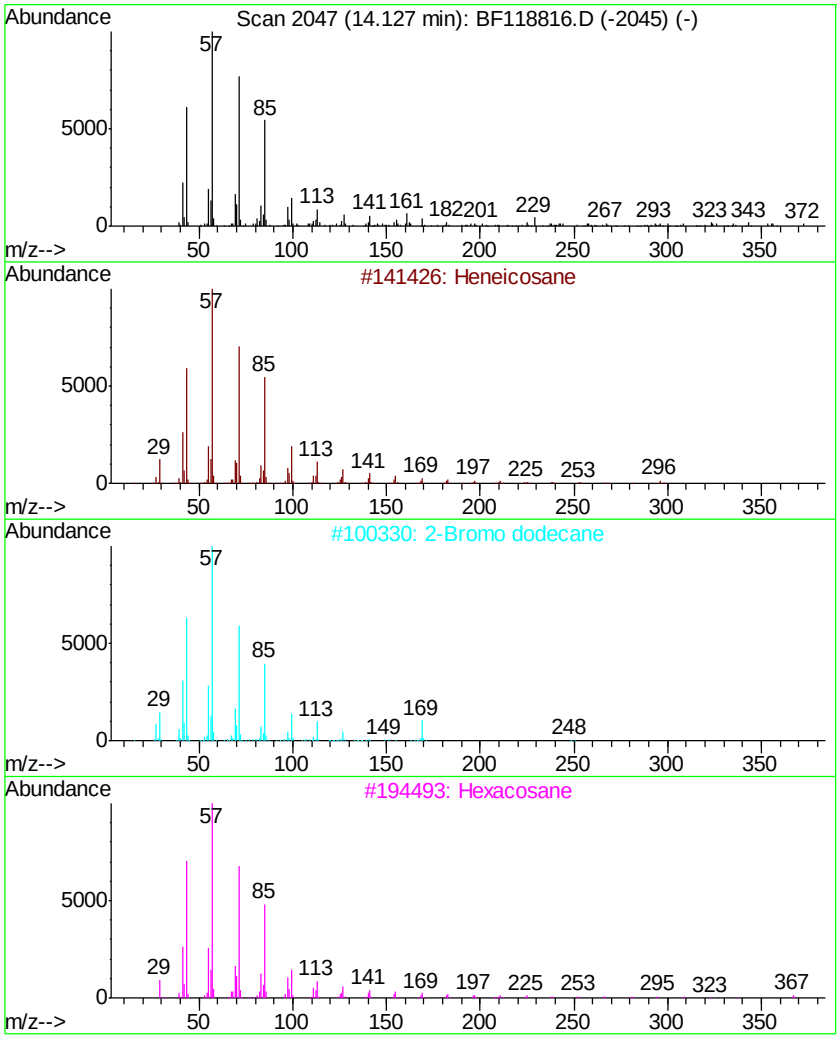
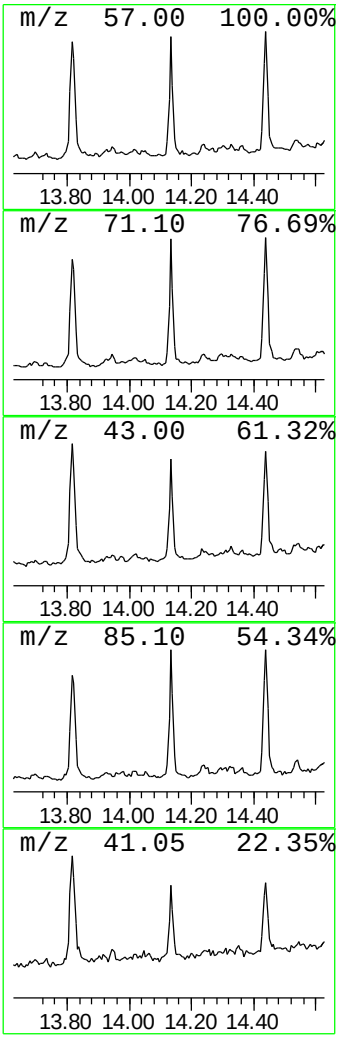
Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.18 ng	308660	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Sample : L1383-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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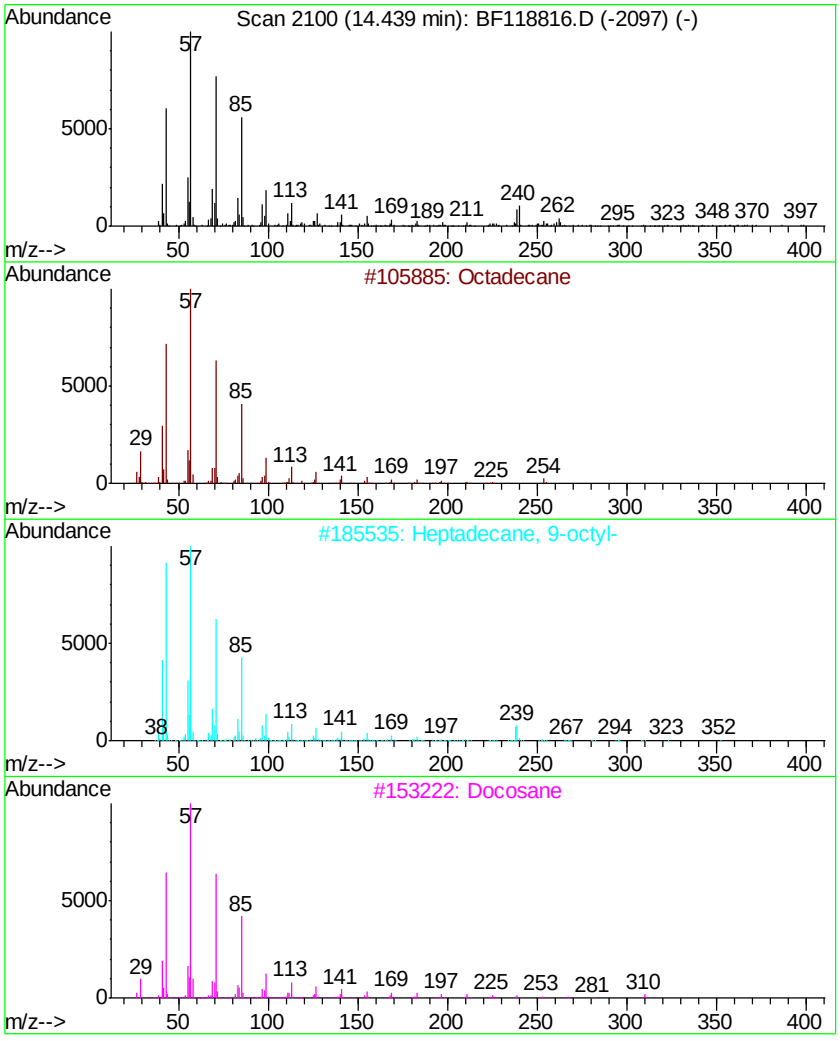
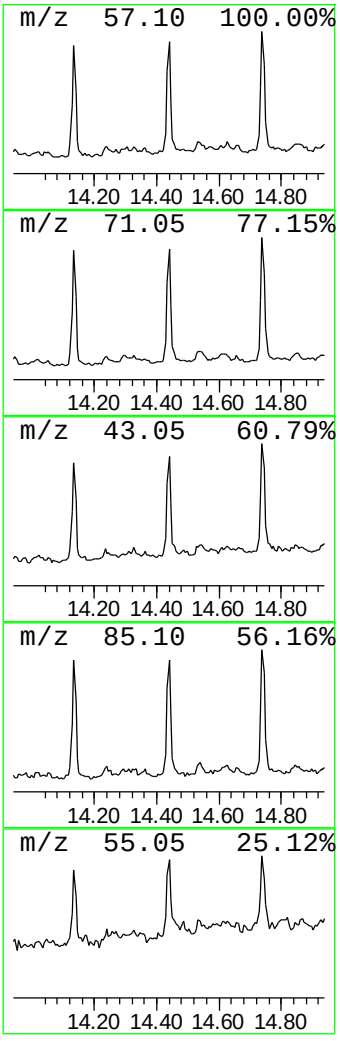
Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.56 ng	345590	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Docosane	310	C22H46	000629-97-0	93
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
5	Heptadecane	240	C17H36	000629-78-7	91





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Data File : BF118816.D
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Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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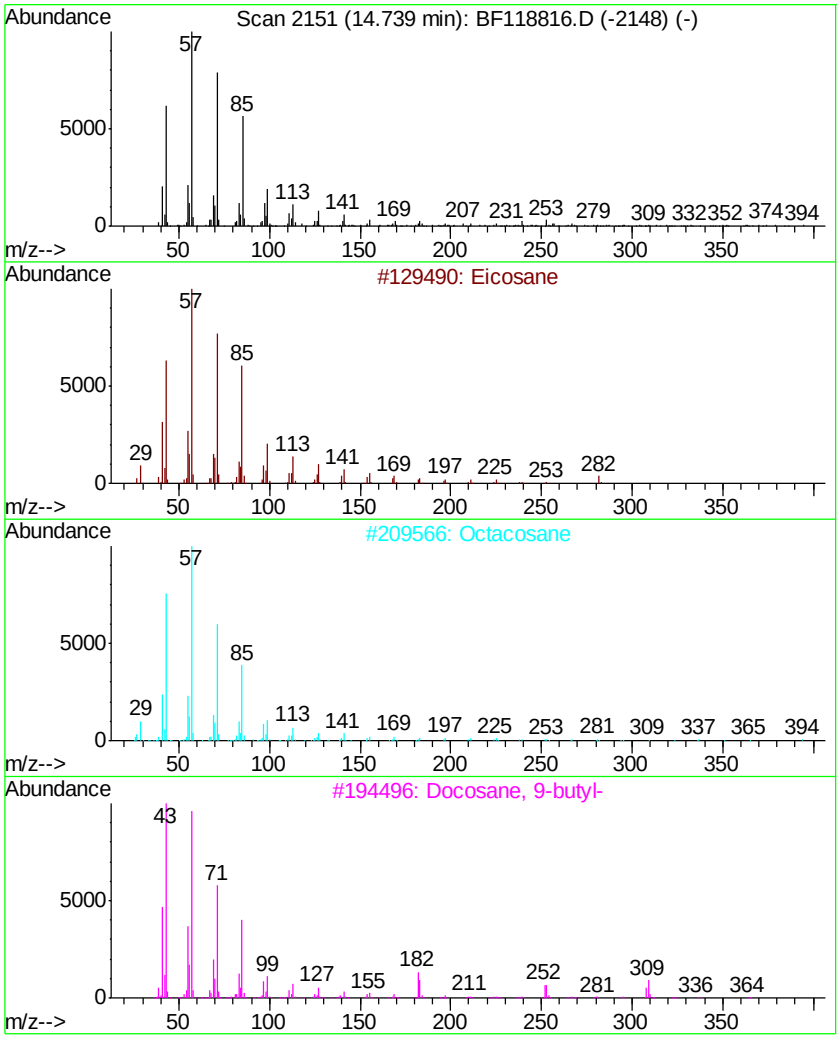
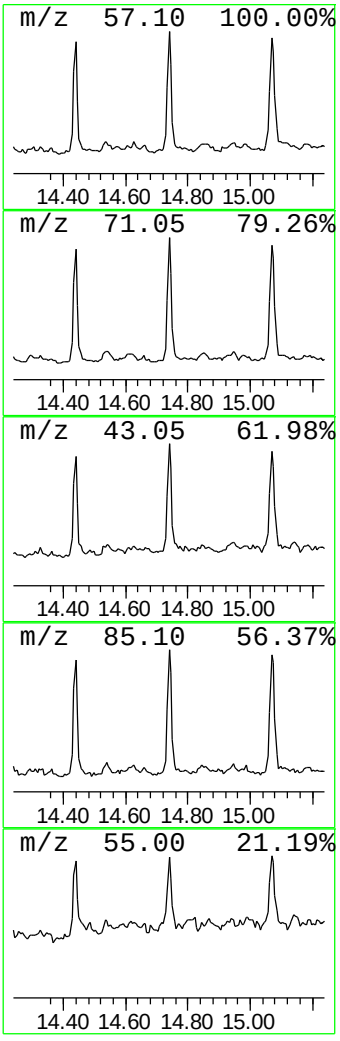
Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.08 ng	361282	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Octacosane	394	C28H58	000630-02-4	95
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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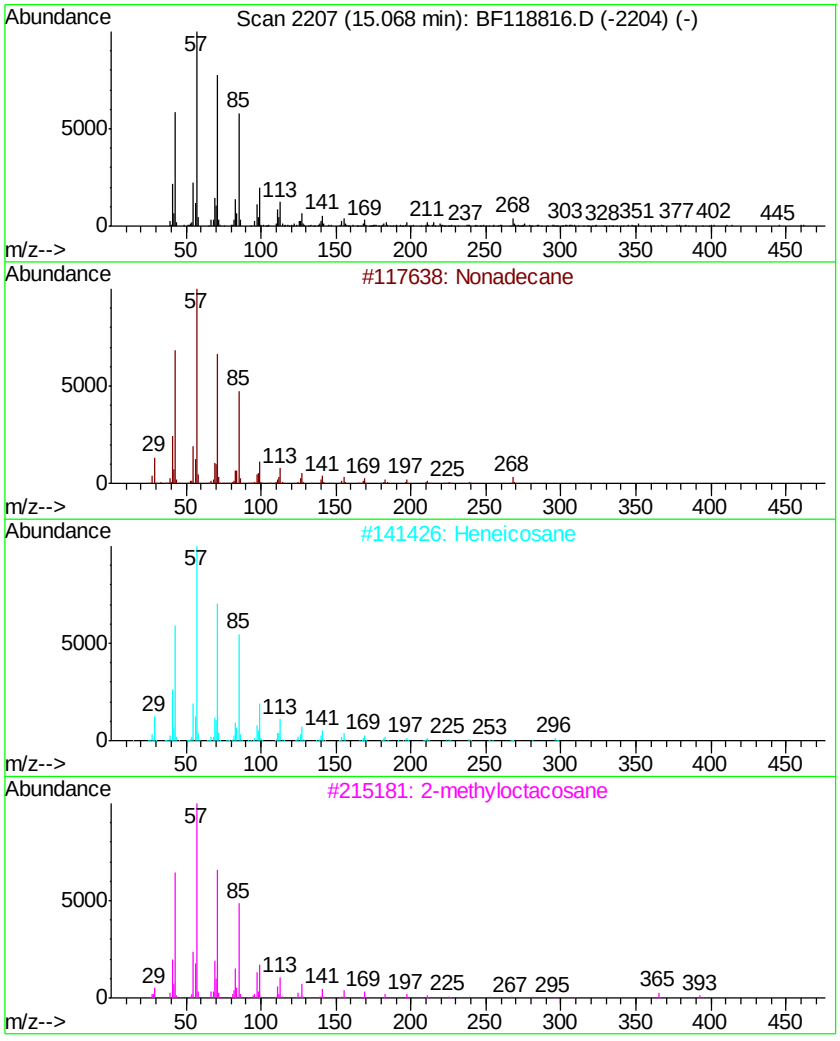
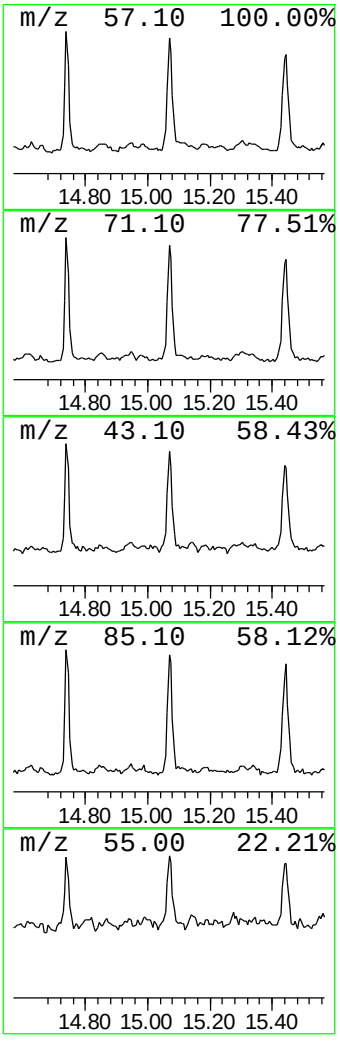
Peak Number 9 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.95 ng	527086	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

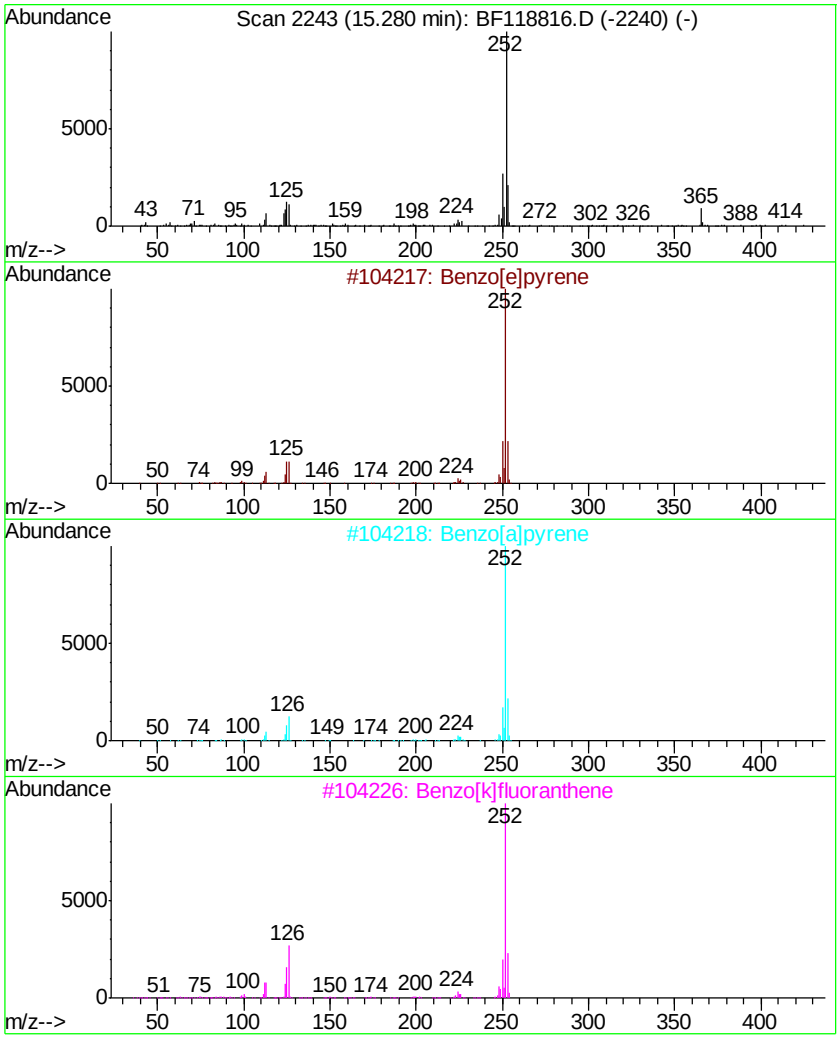
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

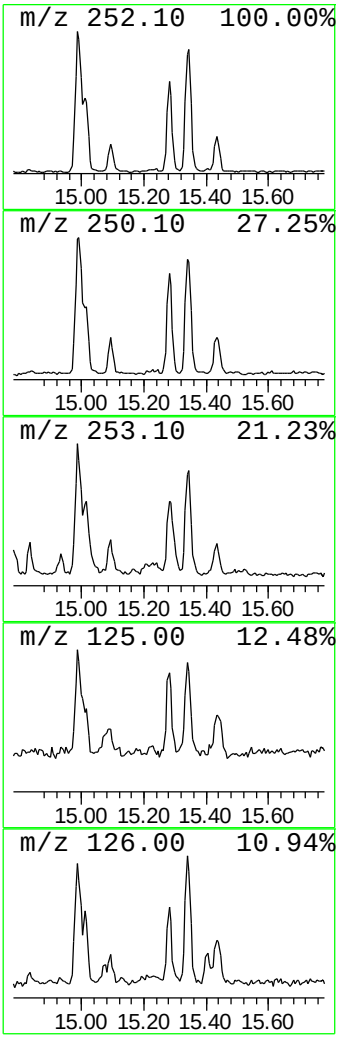
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	3.02 ng	268036	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

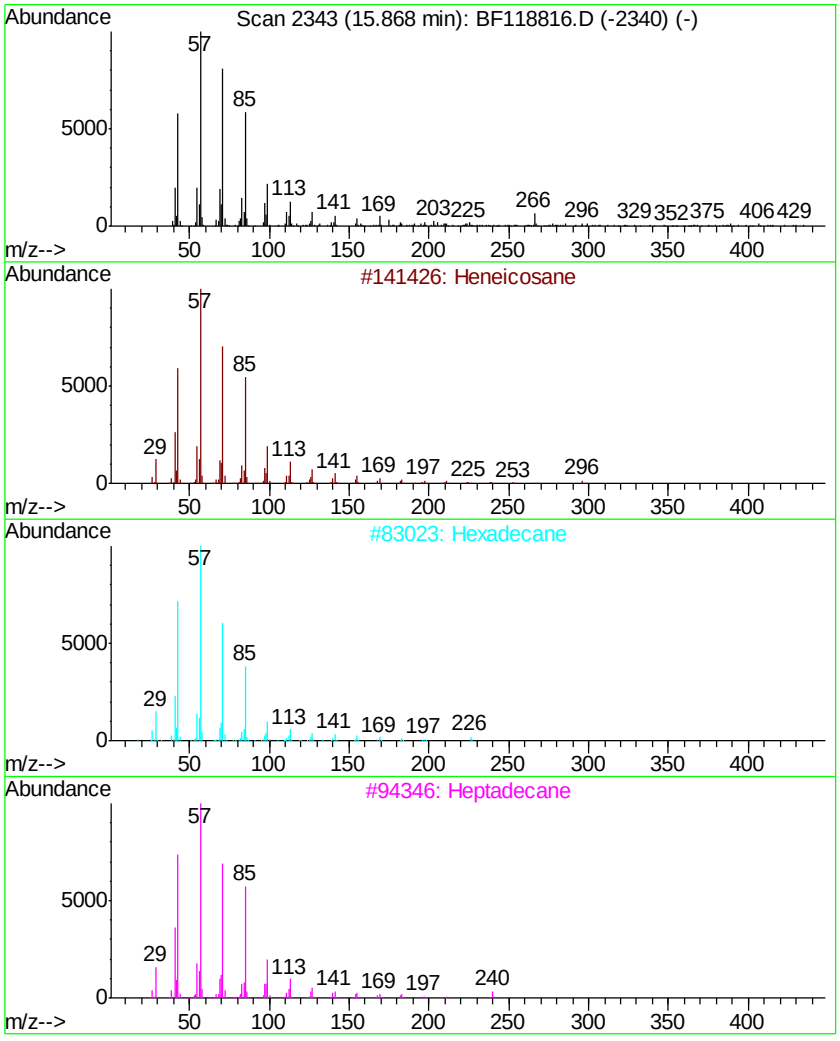
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

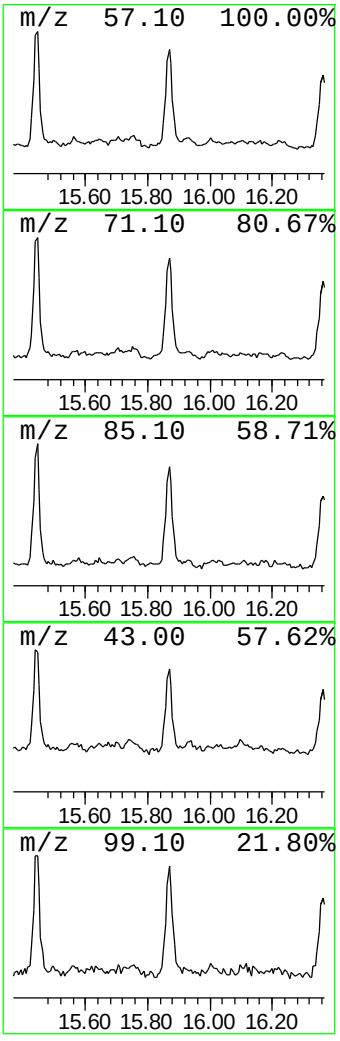
****

Peak Number 11 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.53 ng	312349	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.86	4.4	ng	474410	4	11.33	2156050	20.0
Octadecane, 2-met...	13.15	2.3	ng	222776	5	13.96	1942500	20.0
Tetracosane	13.49	2.1	ng	201320	5	13.96	1942500	20.0
Nonadecane, 1-chl...	13.82	5.6	ng	545943	5	13.96	1942500	20.0
Heneicosane	14.13	3.2	ng	308660	5	13.96	1942500	20.0
Octadecane	14.44	3.6	ng	345590	5	13.96	1942500	20.0
Eicosane	14.74	4.1	ng	361282	6	15.40	1772180	20.0
Nonadecane	15.07	6.0	ng	527086	6	15.40	1772180	20.0
Benzo[e]pyrene	15.28	3.0	ng	268036	6	15.40	1772180	20.0
Hexadecane	15.87	3.5	ng	312349	6	15.40	1772180	20.0