LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

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-BF040820.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	5.328	546	551	555	rBV	3167719	3252388	91.35%	10.389%
2	6.363	722	727	730	rBV	2958445	3273146	91.93%	10.456%
3	6.728	785	789	792	rBV	1272653	1097663	30.83%	3.506%
4	6.881	811	815	818	rBV	3083216	2769301	77.78%	8.846%
5	7.292	879	885	888	rBV	2476647	2178033	61.18%	6.957%
6	8.010	1003	1007	1010	rBV	1750479	1371484	38.52%	4.381%
7	9.092	1186	1191	1194	rBV	4413381	3560310	100.00%	11.373%
8	9.175	1201	1205	1209	rBV2	34720	42794	1.20%	0.137%
9	9.486	1254	1258	1262	rBV	710927	547655	15.38%	1.749%
10	9.704	1293	1295	1299	rVB	57125	43226	1.21%	0.138%
11	9.769	1302	1306	1309	rVB	1793232	1416126	39.78%	4.524%
12	10.557	1436	1440	1443	rBV	2286137	1933048	54.29%	6.175%
13	10.680	1457	1461	1468	rVB2	81712	98620	2.77%	0.315%
14	11.127	1534	1537	1539	rBV	62154	49085	1.38%	0.157%
15	11.251	1555	1558	1561	rBV	1336513	1207991	33.93%	3.859%
16	11.274	1561	1562	1565	rVB	75730	48411	1.36%	0.155%
17	11.786	1646	1649	1654	rBV2	375145	358482	10.07%	1.145%
18	11.863	1659	1662	1665	rBV	61937	59456	1.67%	0.190%
19	12.304	1734	1737	1740	rBV	52750	54377	1.53%	0.174%
20	12.351	1740	1745	1749	rVB4	53551	91729	2.58%	0.293%
21	12.463	1760	1764	1768	rBV	138864	152066	4.27%	0.486%
22	12.574	1779	1783	1790	rBV2	174722	211882	5.95%	0.677%
23	12.692	1798	1803	1806	rBV	255761	227721	6.40%	0.727%
24	12.845	1824	1829	1832	rBV	3084818	2664239	74.83%	8.511%
25	12.915	1838	1841	1844	rBV2	48313	55402	1.56%	0.177%
26	13.004	1853	1856	1858	rBV2	36698	55003	1.54%	0.176%
27	13.080	1863	1869	1873	rBV3	63690	98435	2.76%	0.314%
28	13.127	1873	1877	1880	rBV2	75623	71341	2.00%	0.228%
29	13.221	1890	1893	1896	rVB	65099	54561	1.53%	0.174%
30	13.251	1896	1898	1901	rBV	60973	59777	1.68%	0.191%
31	13.421	1925	1927	1931	rBV	61188	54895	1.54%	0.175%
32	13.639	1960	1964	1967	rBV3	37355	60805	1.71%	0.194%
33	13.751	1979	1983	1991	rVB2	298690	380770	10.69%	1.216%
34	13.892	2002	2007	2010	rBV	1100298	1124566	31.59%	3.592%

LSC Area Percent Report

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Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.915	2010	2011	2014	rVB	136905	98731	2.77%	0.315%
36	14.068	2034	2037	2042	rVB	115614	115235	3.24%	0.368%
37	14.280	2071	2073	2077	rVB	65230	51648	1.45%	0.165%
38	14.374	2086	2089	2092	rBV2	151679	135858	3.82%	0.434%
39	14.651	2133	2136	2138	rBV	126674	123683	3.47%	0.395%
40	14.674	2138	2140	2143	rVB	125406	105502	2.96%	0.337%
41	14.909	2177	2180	2187	rVB	140391	235788	6.62%	0.753%
42	14.998	2192	2195	2200	rVB2	120268	138458	3.89%	0.442%
43	15.198	2226	2229	2235	rVB	107106	156359	4.39%	0.499%
44	15.256	2236	2239	2245	rVV	121254	160109	4.50%	0.511%
45	15.321	2246	2250	2254	rVV	680299	823974	23.14%	2.632%
46	15.356	2254	2256	2261	rVB3	137615	159722	4.49%	0.510%
47	15.774	2323	2327	2331	rBV	78290	111170	3.12%	0.355%
48	16.709	2480	2486	2493	rVB2	50806	112192	3.15%	0.358%
49	18.074	2715	2718	2722	rBV6	23117	52027	1.46%	0.166%

Sum of corrected areas: 31305244

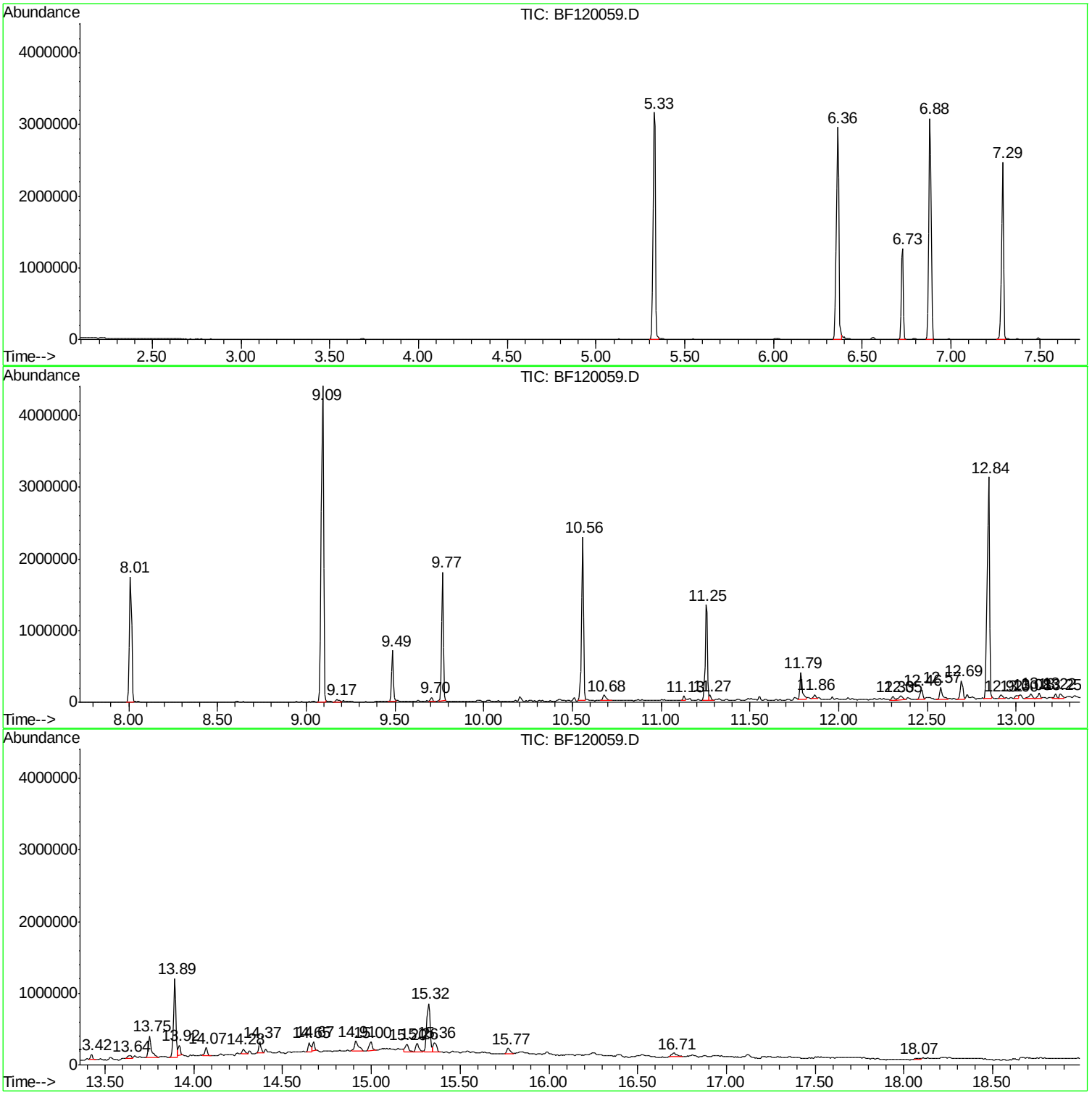
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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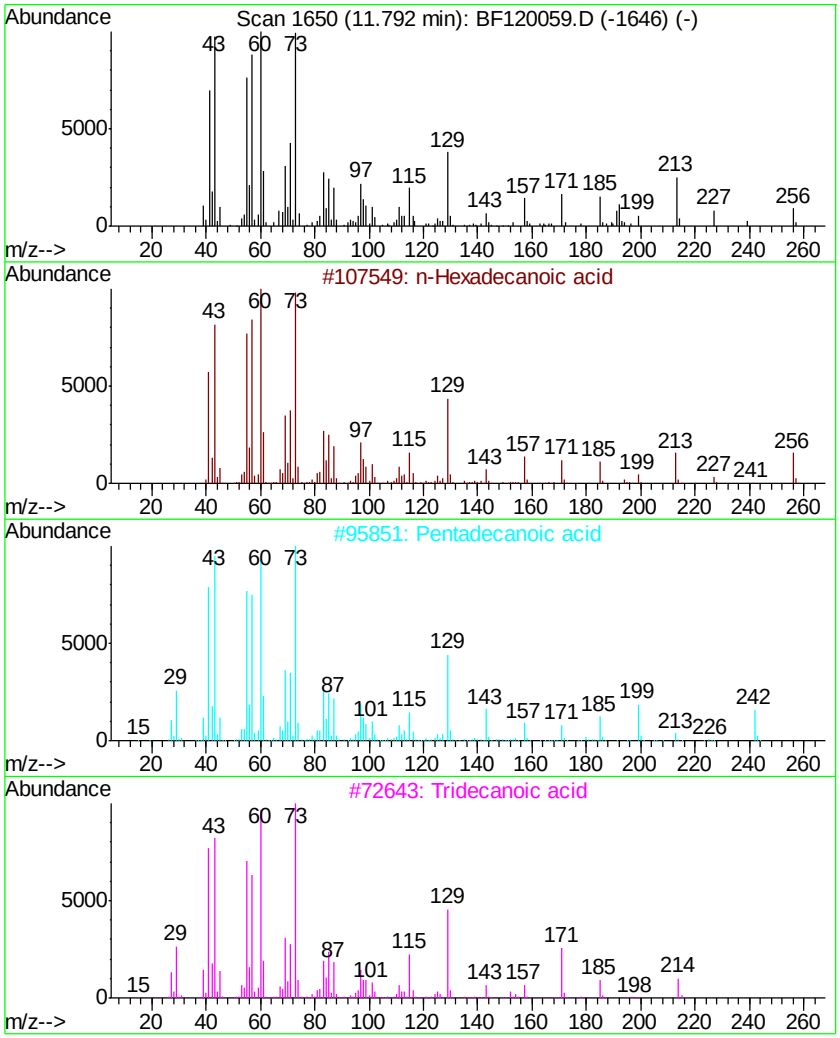
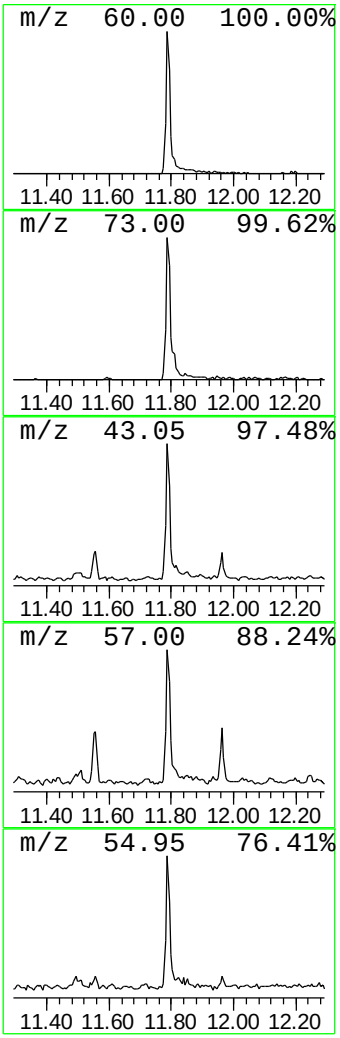
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.94 ng	358482	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Nonanoic acid	158	C9H18O2	000112-05-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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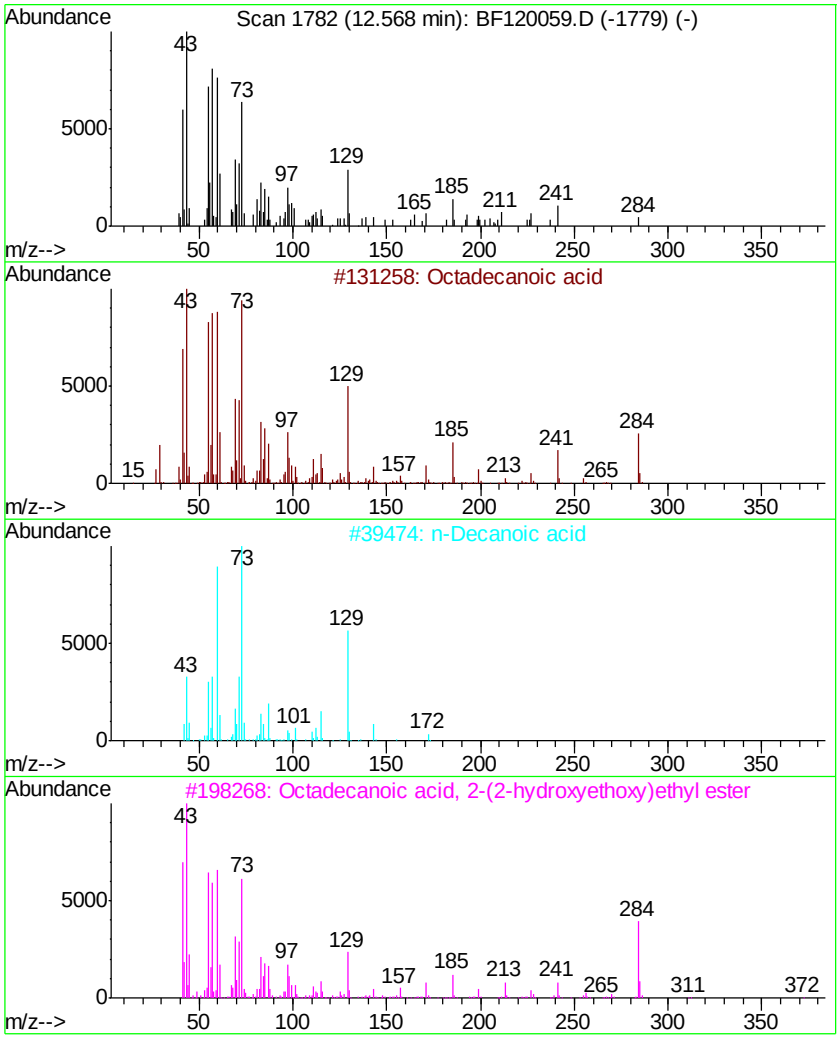
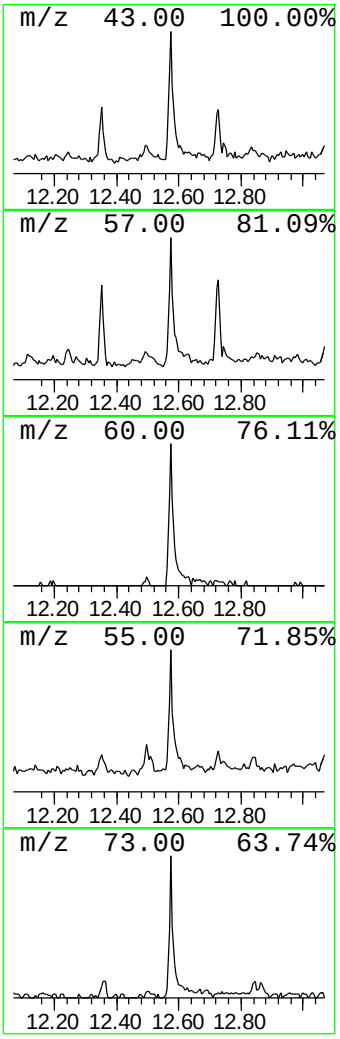
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.77 ng	211882	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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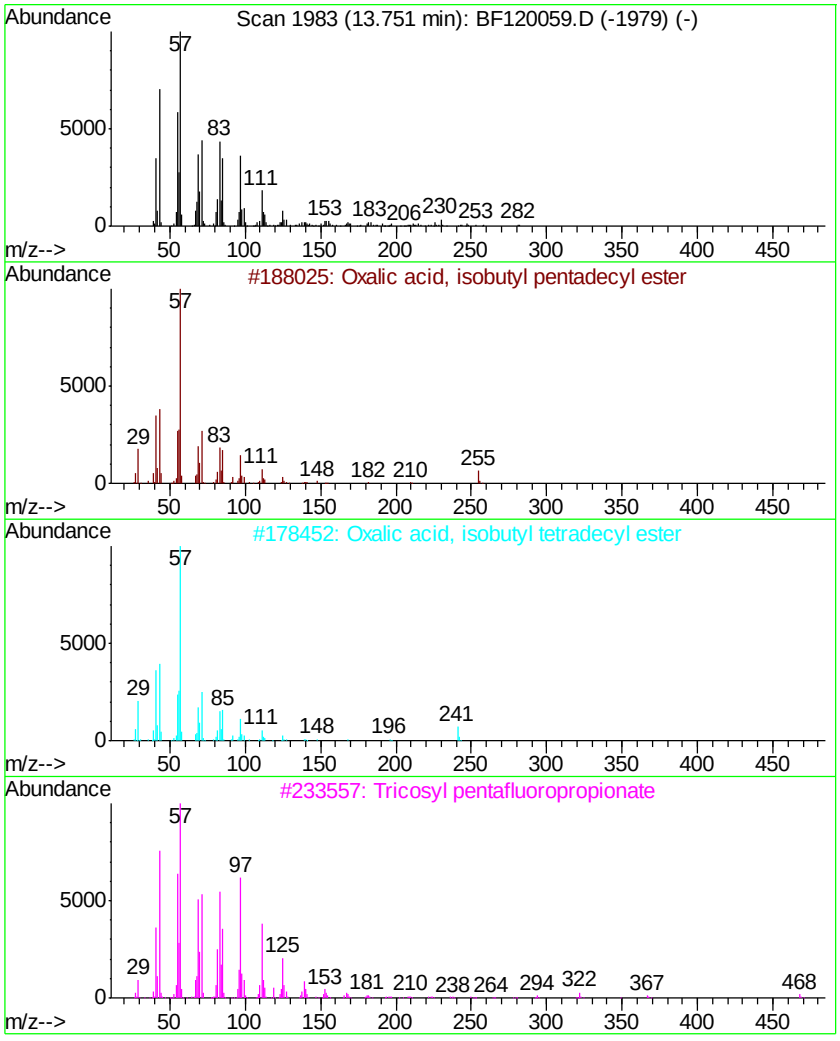
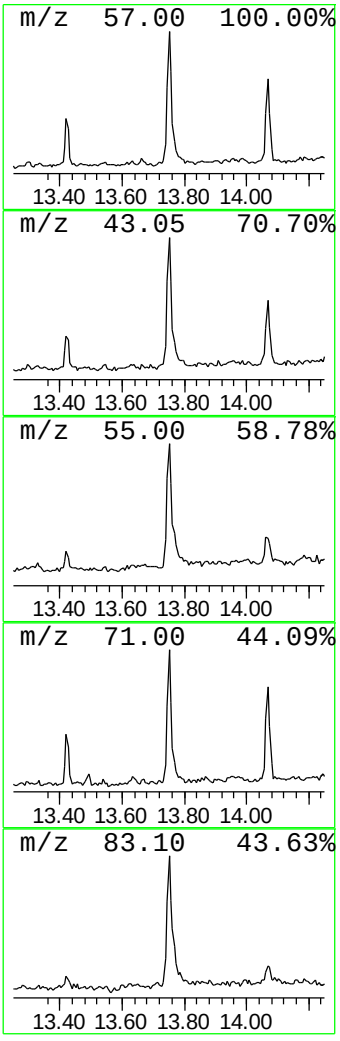
Peak Number 5 Oxalic acid, isobutyl penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	6.77 ng	380770	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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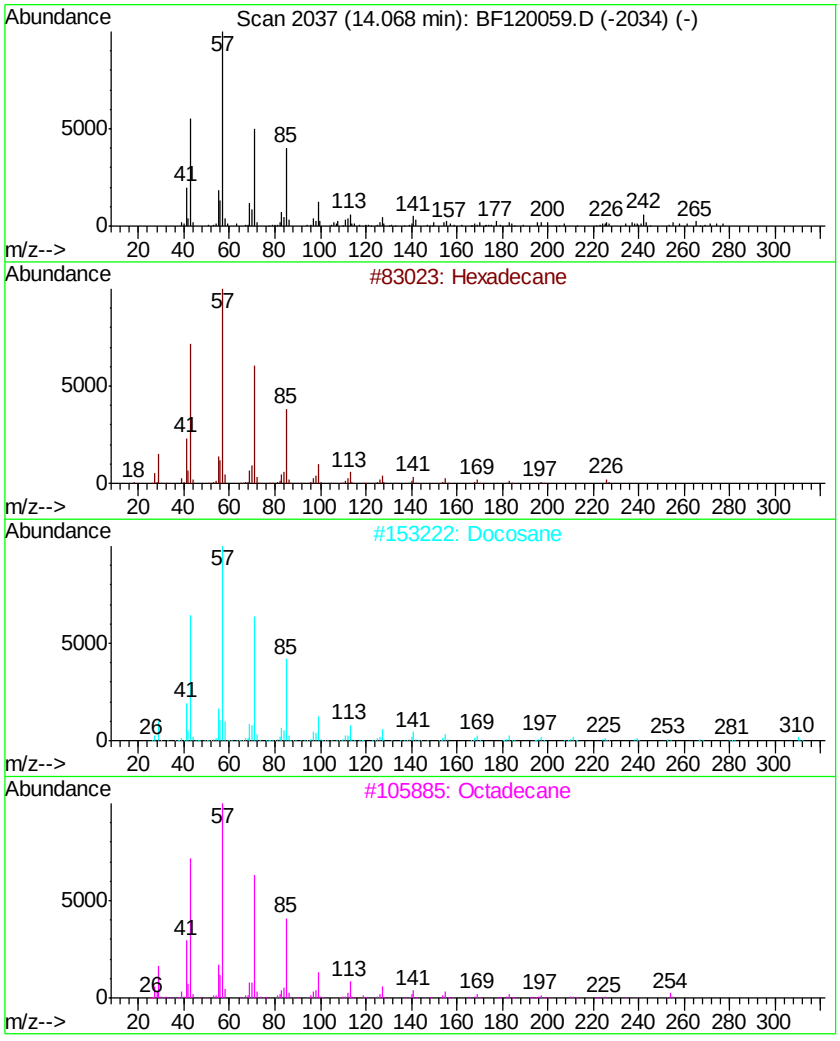
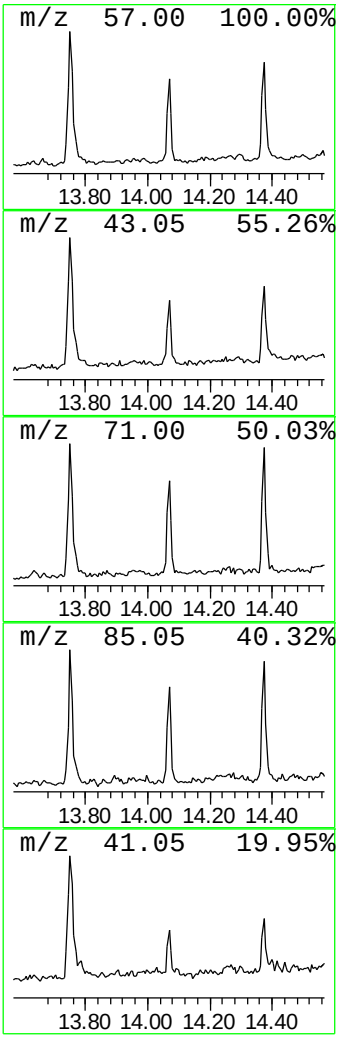
Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.05 ng	115235	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Docosane	310	C22H46	000629-97-0	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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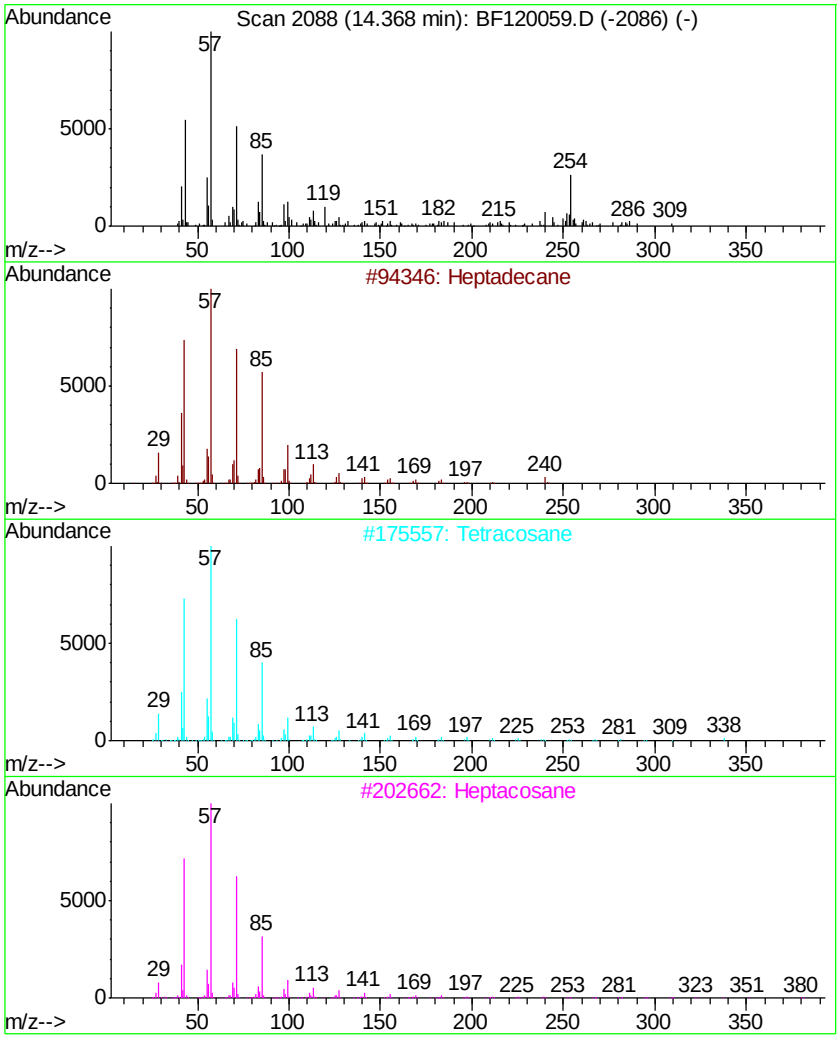
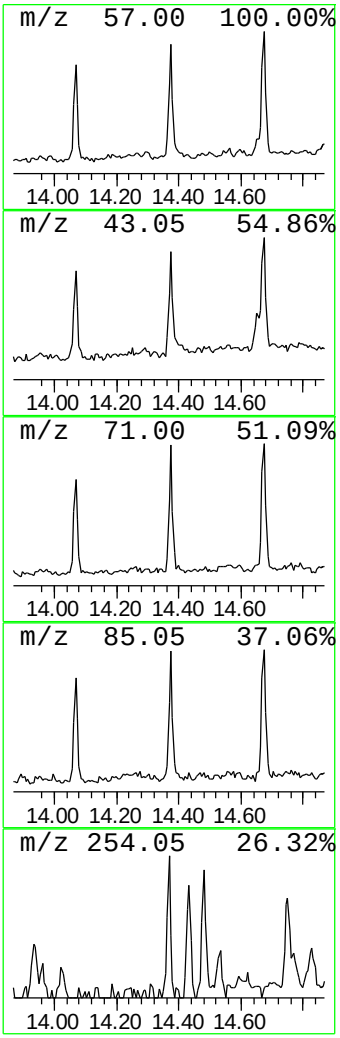
Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.42 ng	135858	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Tetracosane	338	C24H50	000646-31-1	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Tetradecane	198	C14H30	000629-59-4	64
5	7-Methyl-octadecane	268	C19H40	1000192-63-3	62





Library Search Compound Report

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Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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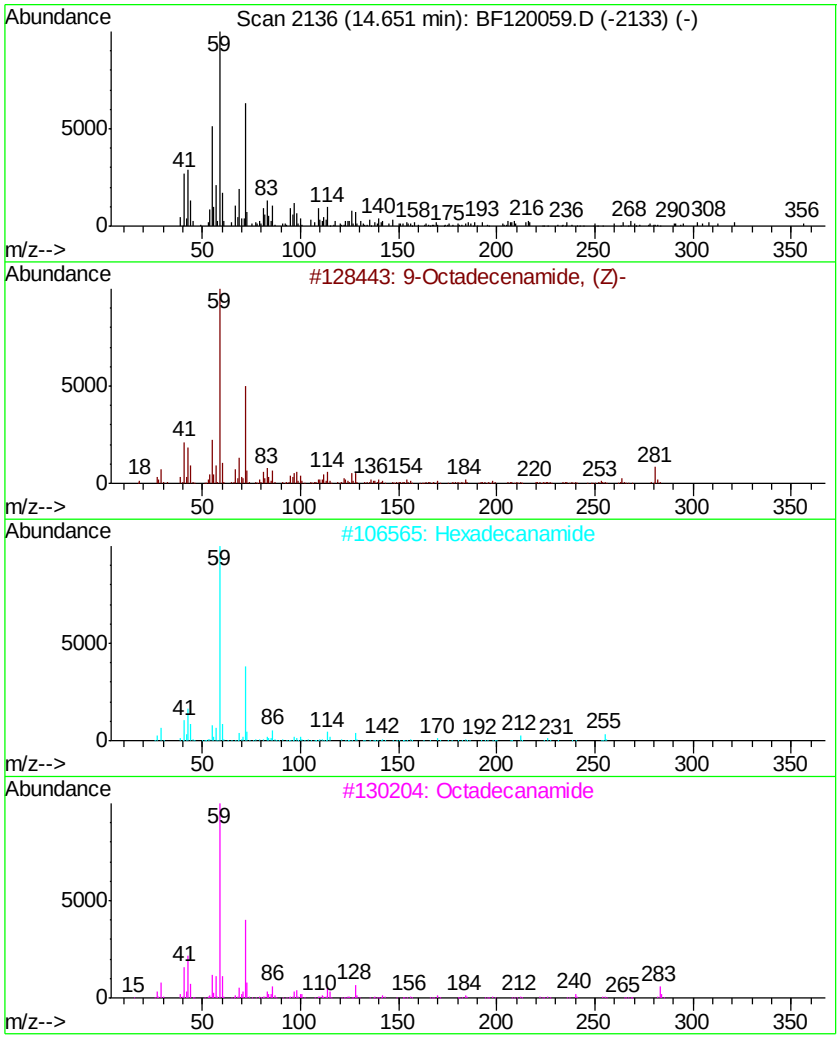
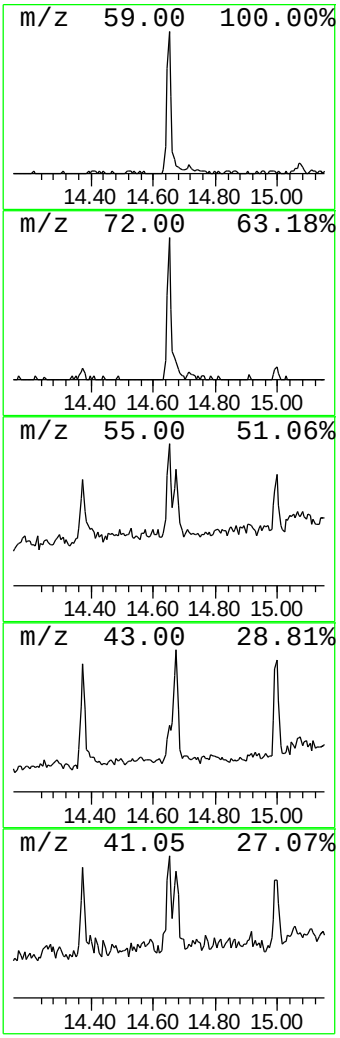
Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.00 ng	123683	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Octadecanamide	283	C18H37NO	000124-26-5	53
4	Decanamide-	171	C10H21NO	002319-29-1	50
5	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	38





Library Search Compound Report

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Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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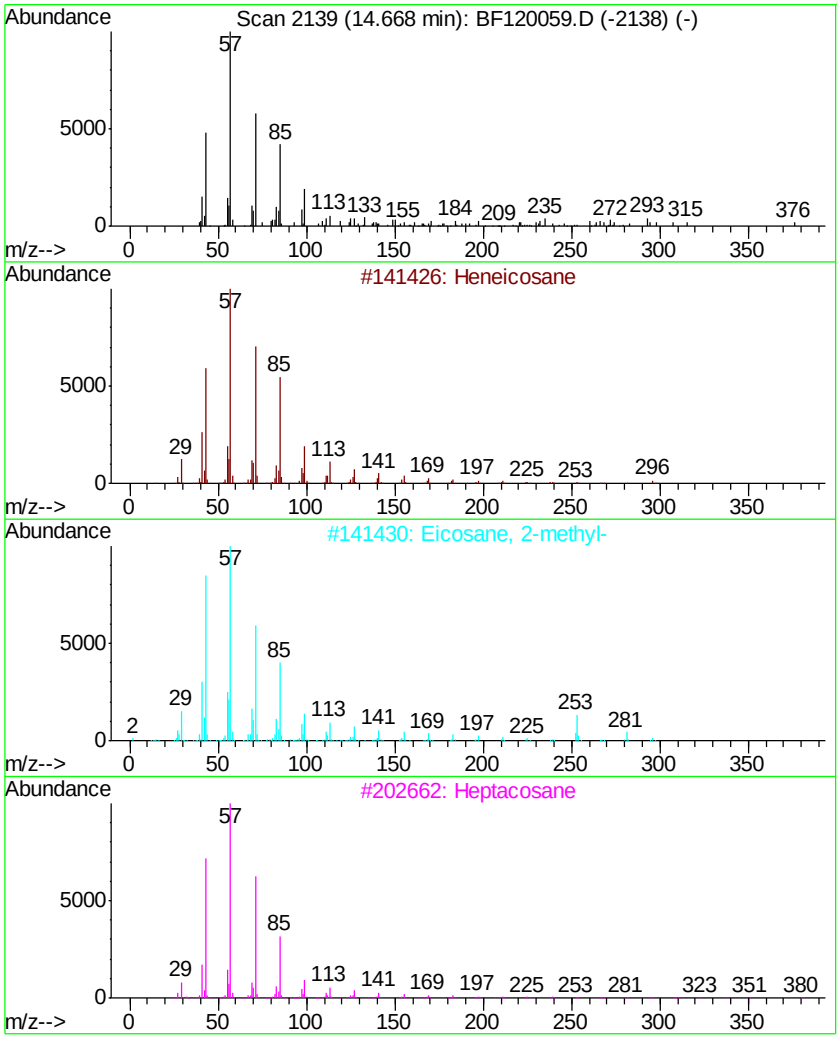
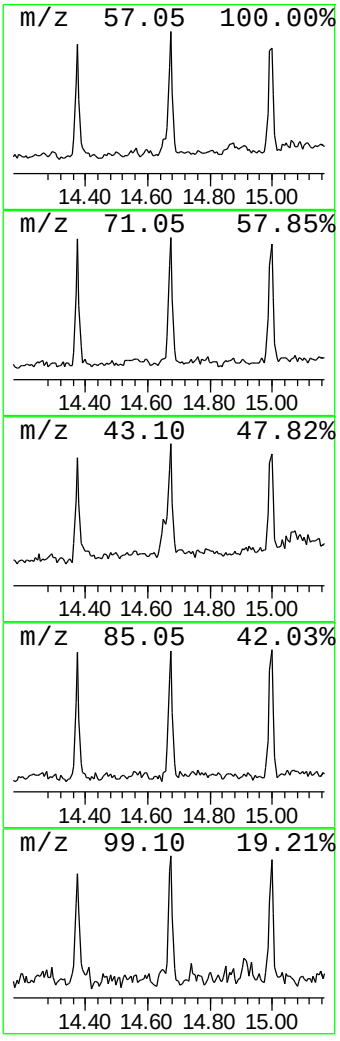
Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.56 ng	105502	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	72
5	Hentriacontane	437	C31H64	000630-04-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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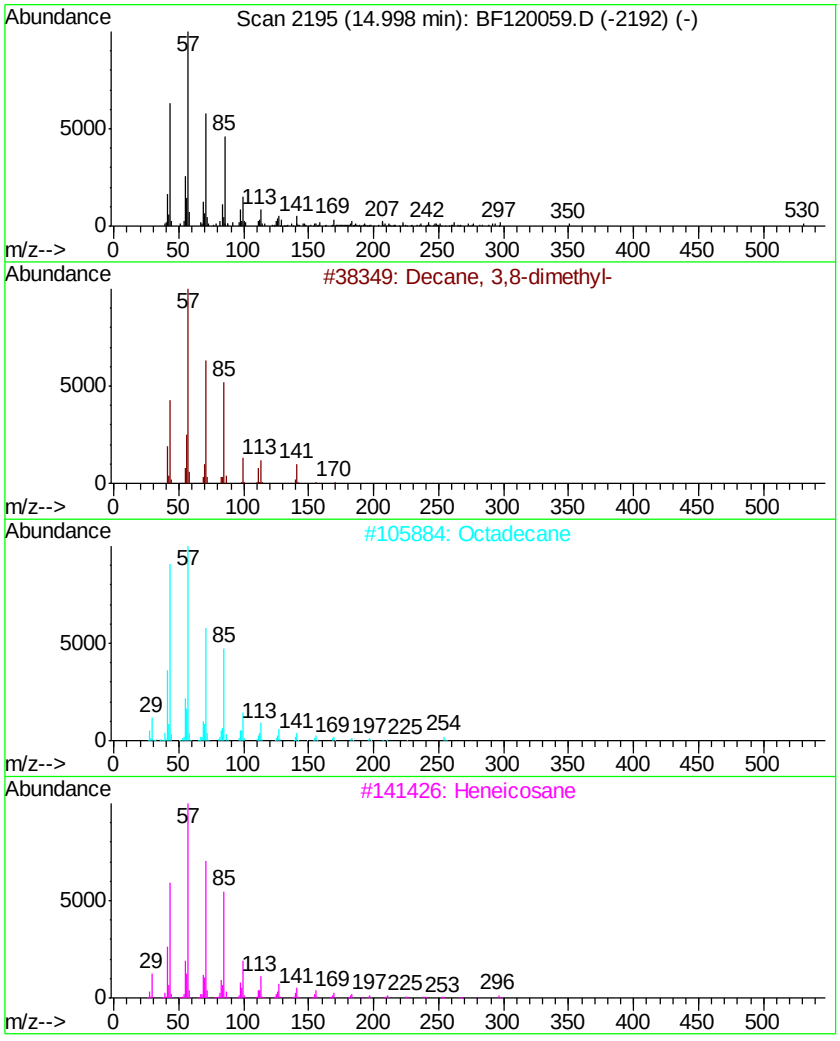
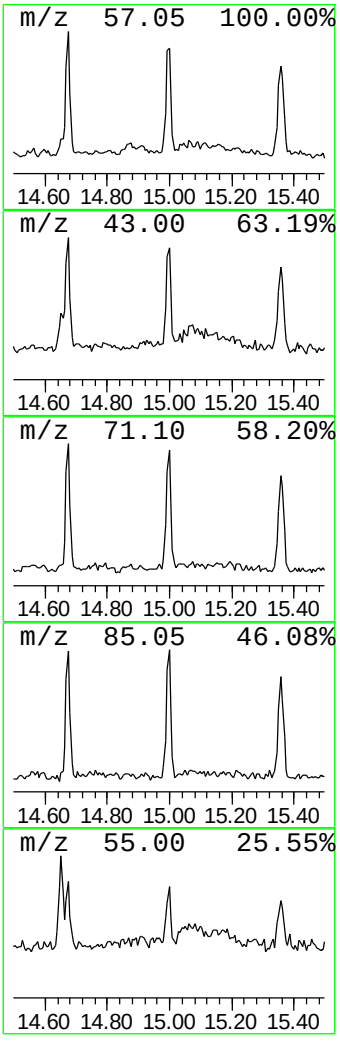
Peak Number 10 Decane, 3,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.36 ng	138458	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

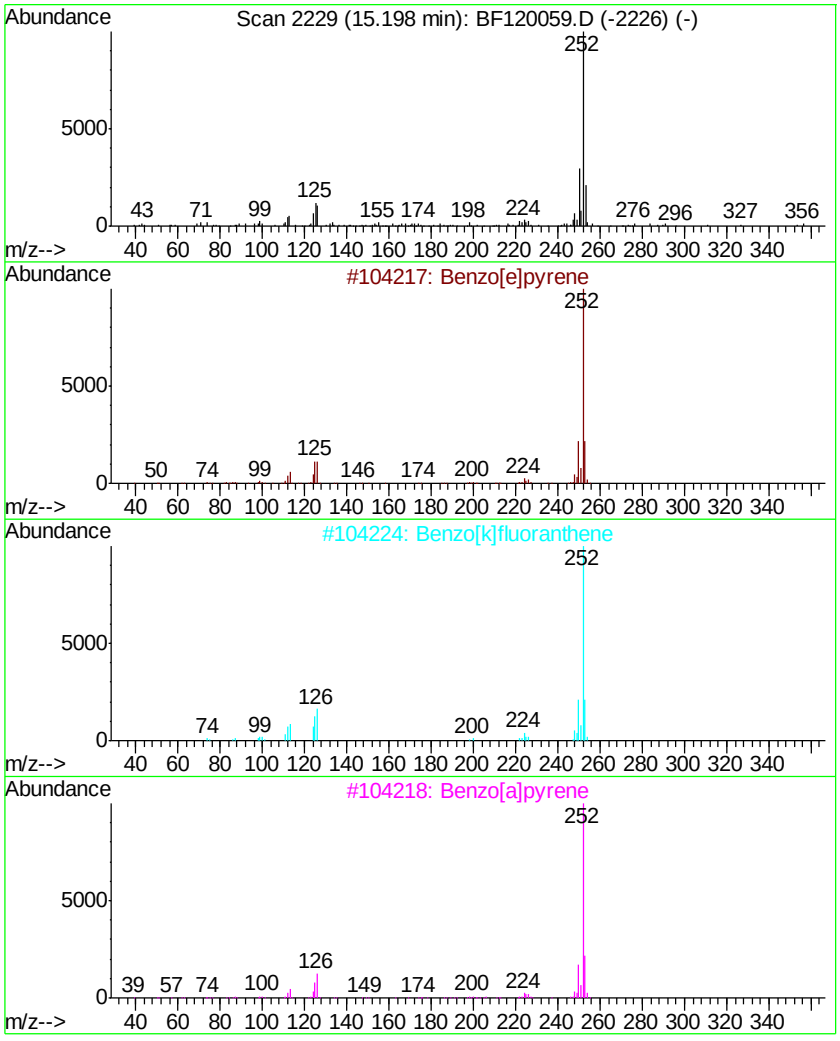
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

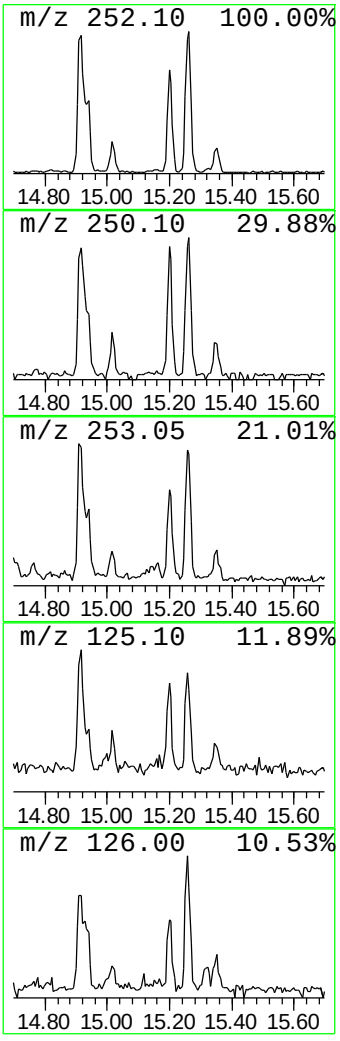
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.80 ng	156359	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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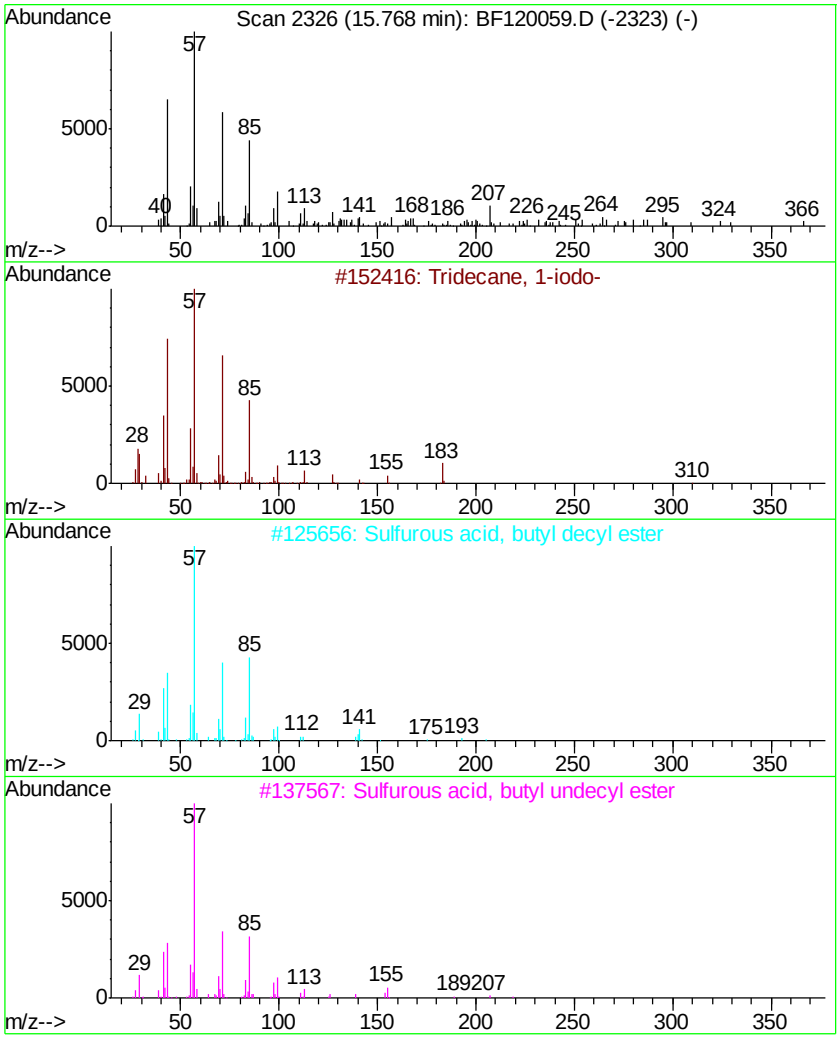
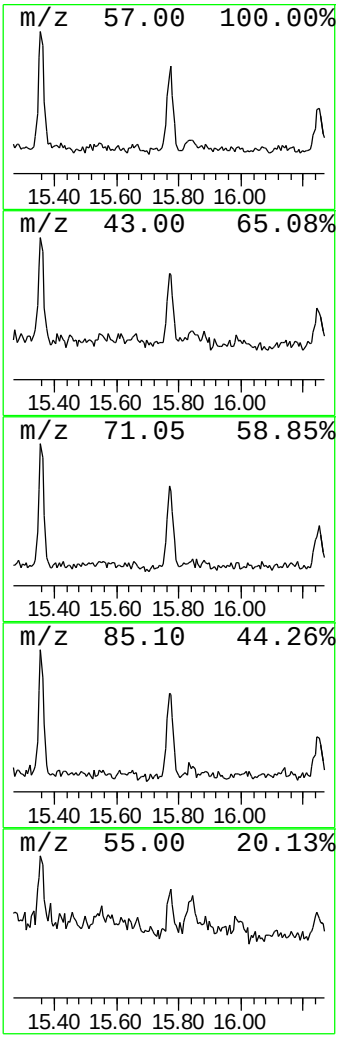
Peak Number 12 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.70 ng	111170	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane	226	C16H34	000544-76-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34-33-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	11.79	5.9	ng	358482	4	11.25	1207990	20.0
Octadecanoic acid	12.57	3.8	ng	211882	5	13.89	1124570	20.0
Oxalic acid, isob...	13.75	6.8	ng	380770	5	13.89	1124570	20.0
Hexadecane	14.07	2.0	ng	115235	5	13.89	1124570	20.0
Heptadecane	14.37	2.4	ng	135858	5	13.89	1124570	20.0
9-Octadecenamide,...	14.65	3.0	ng	123683	6	15.32	823974	20.0
Heneicosane	14.67	2.6	ng	105502	6	15.32	823974	20.0
Decane, 3,8-dimet...	15.00	3.4	ng	138458	6	15.32	823974	20.0
Benzo[e]pyrene	15.20	3.8	ng	156359	6	15.32	823974	20.0
Tridecane, 1-iodo-	15.77	2.7	ng	111170	6	15.32	823974	20.0