LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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	5.269	537	541	555	rBV	3440315	3209544	87.16%	10.250%
2	6.316	714	719	731	rBV	3168442	3219424	87.43%	10.282%
3	6.498	747	750	755	rBV	158668	125034	3.40%	0.399%
4	6.663	774	778	781	rBV	1290680	1034226	28.09%	3.303%
5	6.822	800	805	808	rBV	3065537	2670195	72.52%	8.528%
6	7.233	869	875	878	rBV	2292936	2123440	57.67%	6.782%
7	7.945	992	996	1000	rBV	1467917	1323512	35.94%	4.227%
8	9.027	1175	1180	1183	rBV	4413883	3682173	100.00%	11.760%
9	9.422	1243	1247	1251	rBV	591593	456305	12.39%	1.457%
10	9.563	1267	1271	1276	rVB	93714	84927	2.31%	0.271%
11	9.704	1289	1295	1298	rBV	1495927	1389772	37.74%	4.439%
12	10.492	1424	1429	1432	rBV	2022354	1918882	52.11%	6.128%
13	10.616	1446	1450	1456	rVB4	45995	62796	1.71%	0.201%
14	11.180	1542	1546	1549	rBV	1203516	1083012	29.41%	3.459%
15	11.204	1549	1550	1554	rVV	78658	54049	1.47%	0.173%
16	11.257	1556	1559	1562	rVB	53380	46027	1.25%	0.147%
17	11.651	1621	1626	1629	rBV3	98041	139112	3.78%	0.444%
18	11.686	1629	1632	1634	rVV2	91531	112994	3.07%	0.361%
19	11.727	1634	1639	1643	rVV2	654897	688284	18.69%	2.198%
20	11.792	1647	1650	1652	rVV2	79868	94502	2.57%	0.302%
21	11.816	1652	1654	1658	rVB	46121	47475	1.29%	0.152%
22	12.233	1722	1725	1727	rBV	67534	66432	1.80%	0.212%
23	12.392	1749	1752	1755	rBV	185709	165495	4.49%	0.529%
24	12.510	1766	1772	1779	rBV3	255585	354294	9.62%	1.132%
25	12.598	1785	1787	1789	rBV	232866	223914	6.08%	0.715%
26	12.616	1789	1790	1794	rVV	191934	156851	4.26%	0.501%
27	12.674	1798	1800	1804	rVB4	73577	75475	2.05%	0.241%
28	12.768	1812	1816	1820	rBV	2886693	2703645	73.43%	8.635%
29	12.839	1825	1828	1831	rBV3	39471	54290	1.47%	0.173%
30	13.010	1854	1857	1860	rVB3	57717	55067	1.50%	0.176%
31	13.051	1862	1864	1868	rVB2	60785	54222	1.47%	0.173%
32	13.304	1904	1907	1912	rBV	218567	208816	5.67%	0.667%
33	13.351	1912	1915	1917	rBV	76996	68616	1.86%	0.219%
34	13.680	1967	1971	1979	rVB2	180825	262802	7.14%	0.839%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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	13.815	1990	1994	1997	rBV2	971780	1048717	28.48%	3.349%
36	13.998	2022	2025	2029	rVB	95623	86937	2.36%	0.278%
37	14.239	2064	2066	2069	rBV	52844	55317	1.50%	0.177%
38	14.298	2074	2076	2079	rVV	128023	128719	3.50%	0.411%
39	14.598	2124	2127	2133	rBV2	160008	182625	4.96%	0.583%
40	14.827	2163	2166	2173	rVB	194928	306531	8.32%	0.979%
41	14.909	2177	2180	2187	rVB2	155144	211619	5.75%	0.676%
42	15.162	2220	2223	2229	rVB	172469	193330	5.25%	0.617%
43	15.221	2229	2233	2237	rVV	687055	812685	22.07%	2.595%
44	15.257	2237	2239	2245	rVB3	163924	195972	5.32%	0.626%
45	18.709	2824	2826	2834	rBV9	37717	73642	2.00%	0.235%

Sum of corrected areas: 31311698

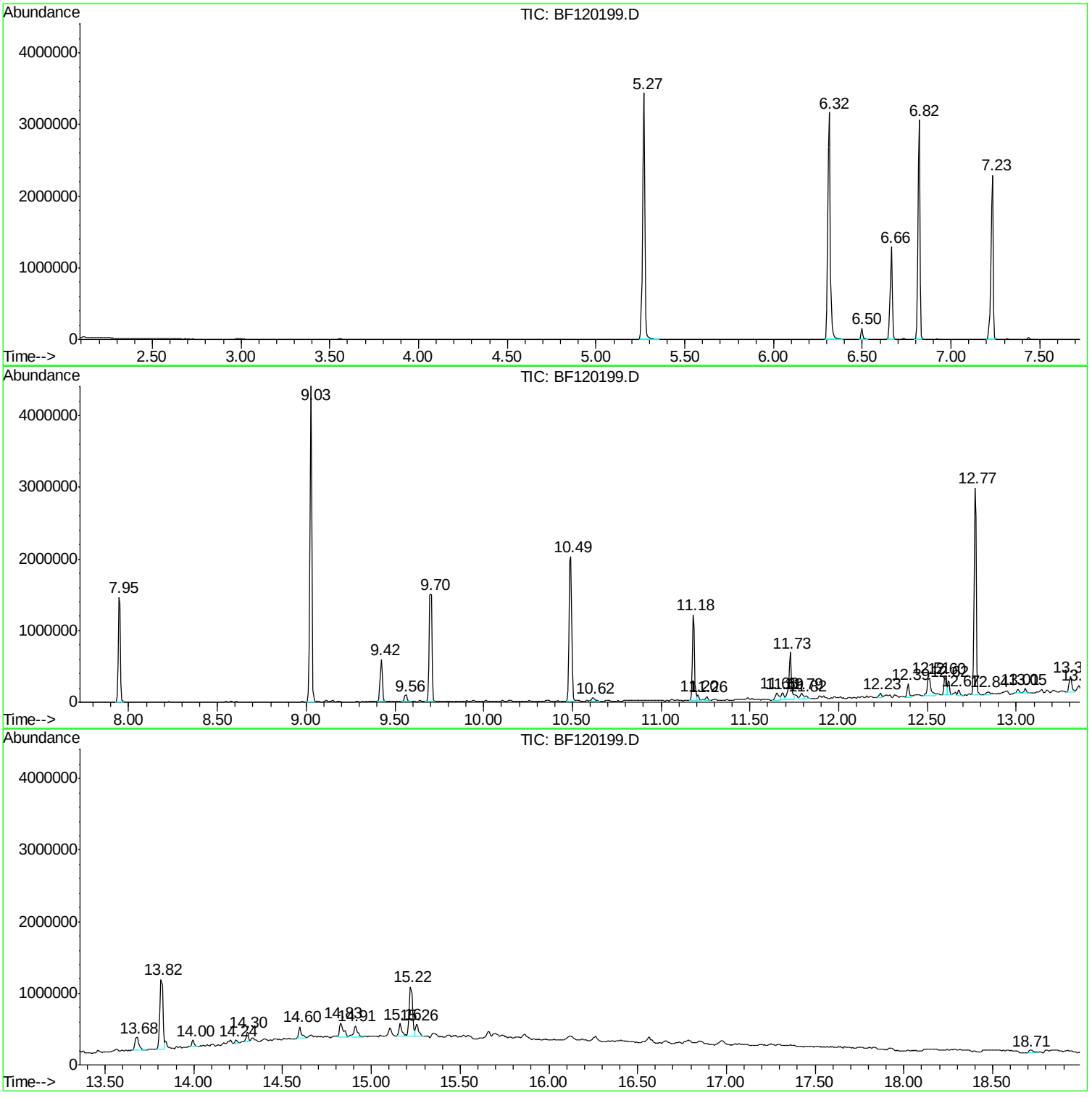
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21A

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\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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

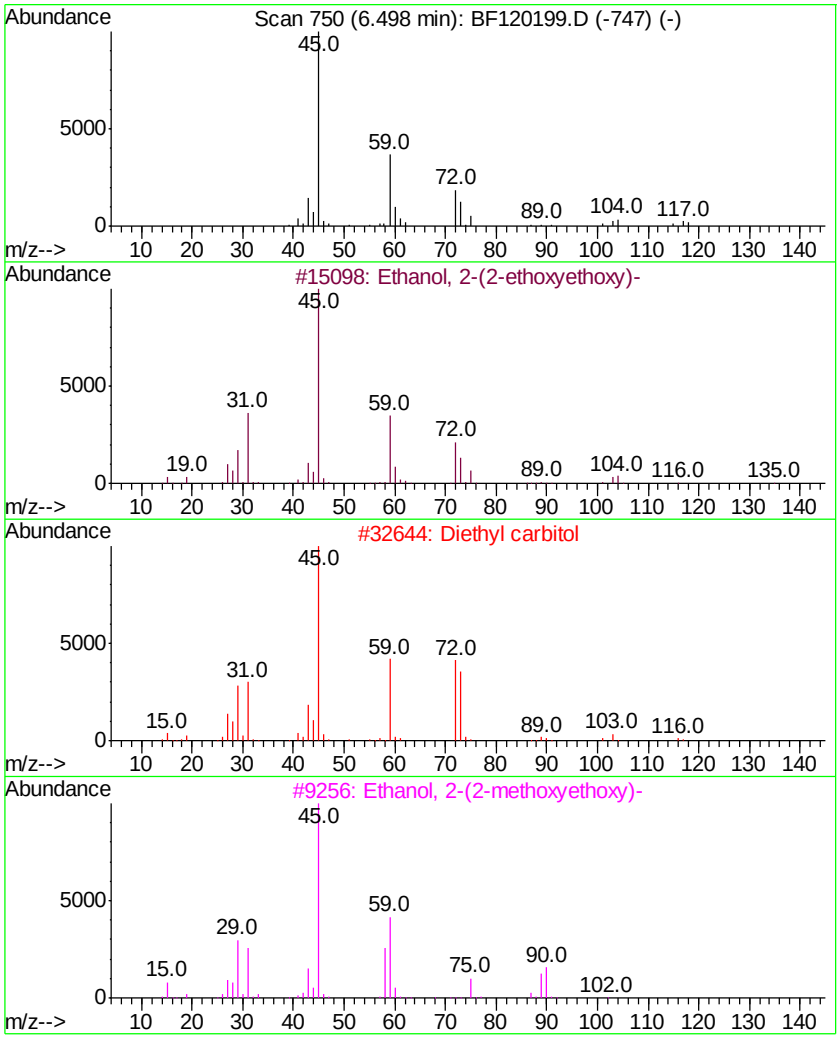
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

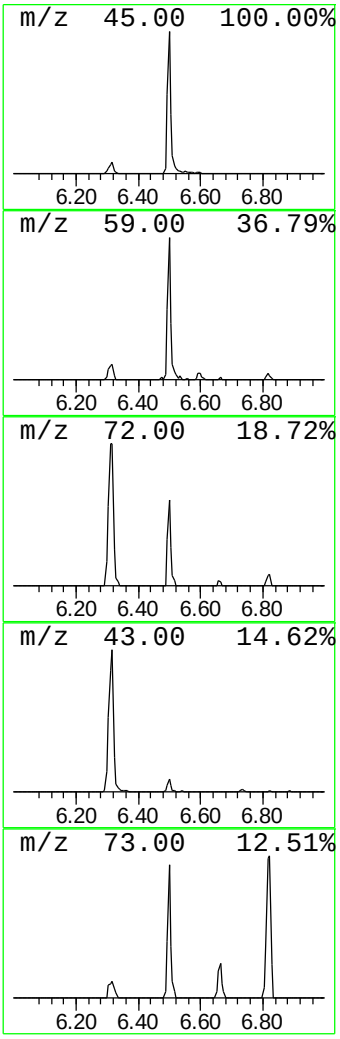
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	2.42 ng	125034	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	38
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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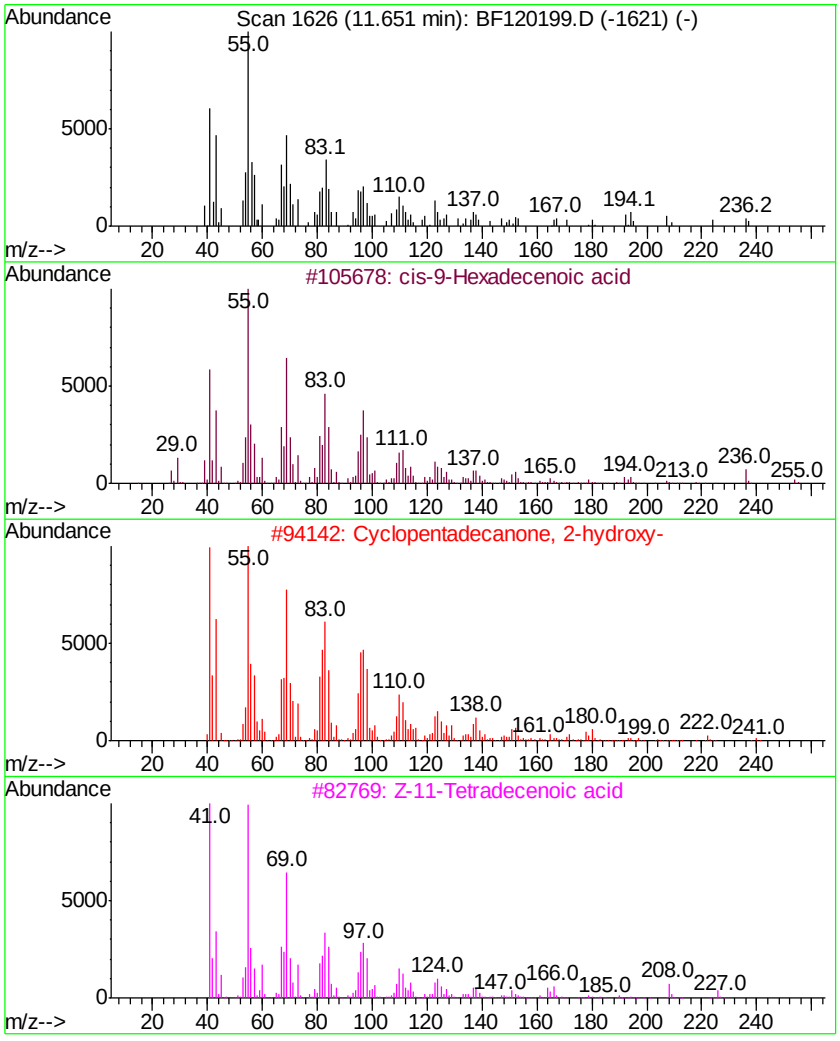
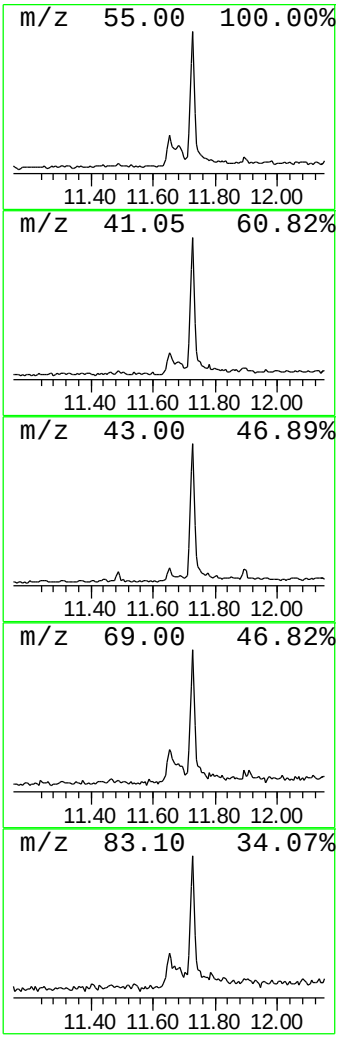
Peak Number 3 cis-9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.57 ng	139112	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	72
2	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	58
3	Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	58
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	58
5	7,11-Hexadecadienal	236	C16H28O	1000130-85-7	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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

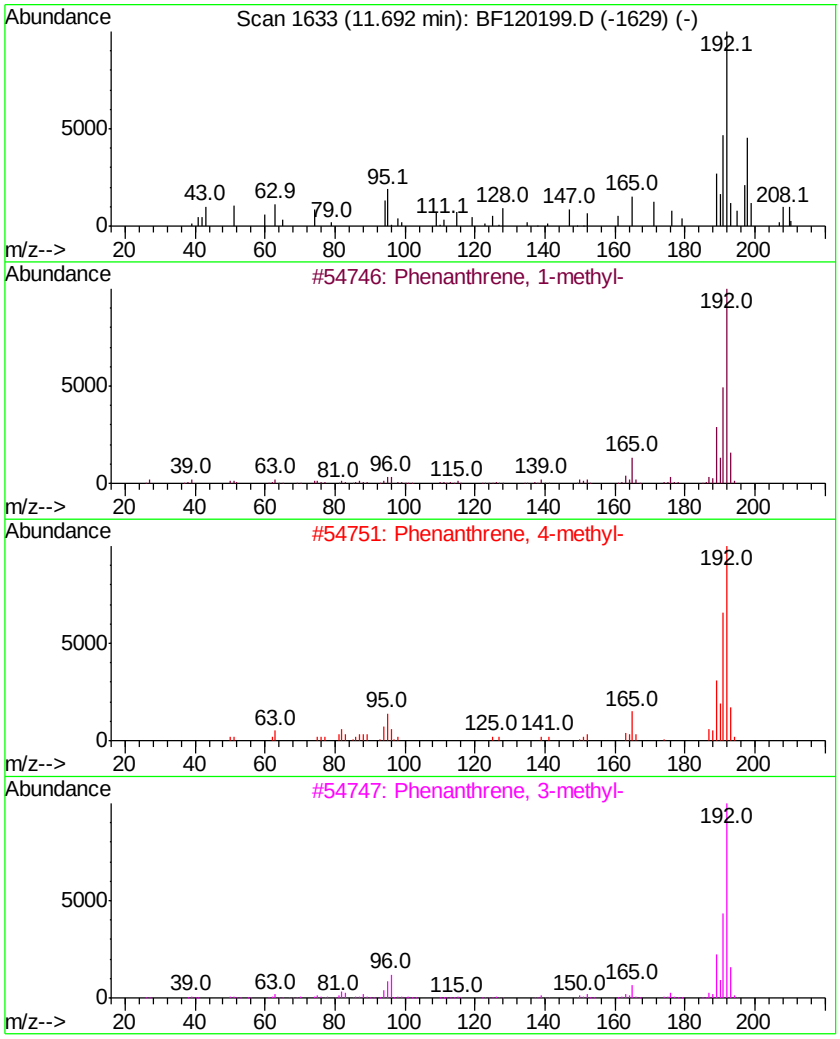
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

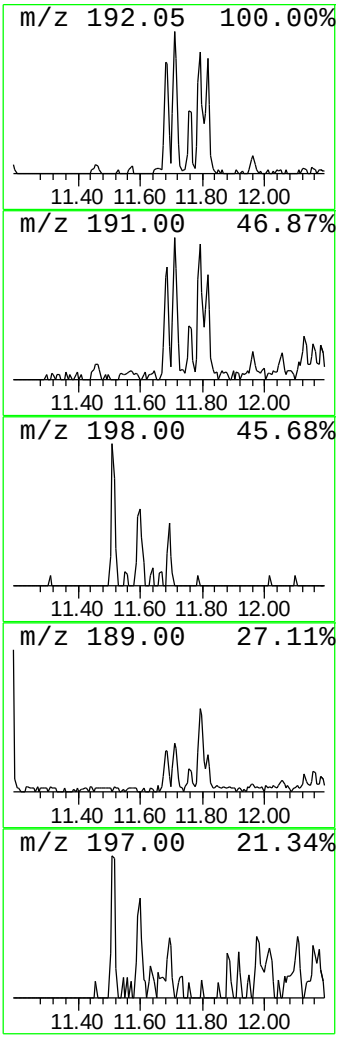
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.09 ng	112994	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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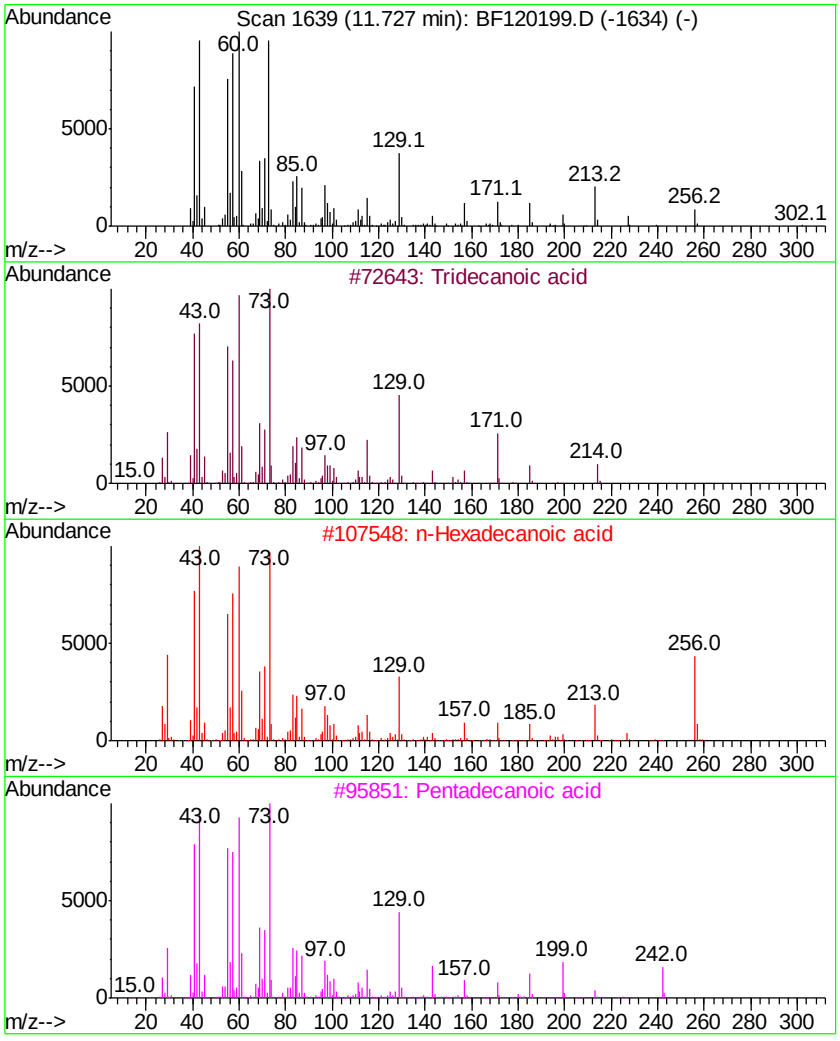
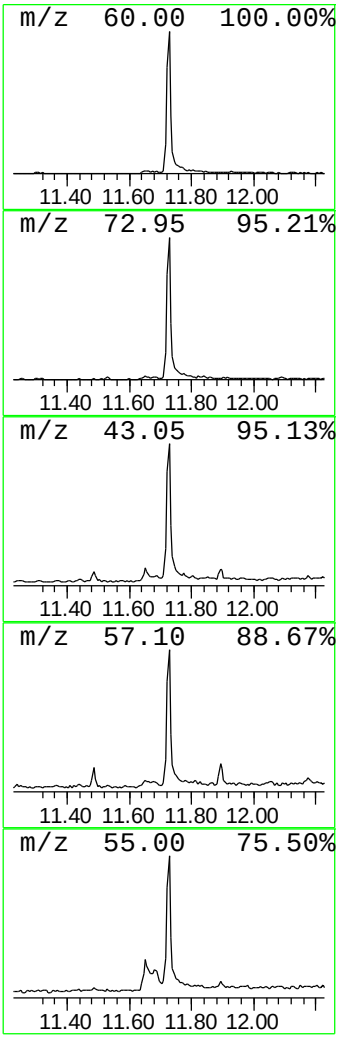
Peak Number 5 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	12.71 ng	688284	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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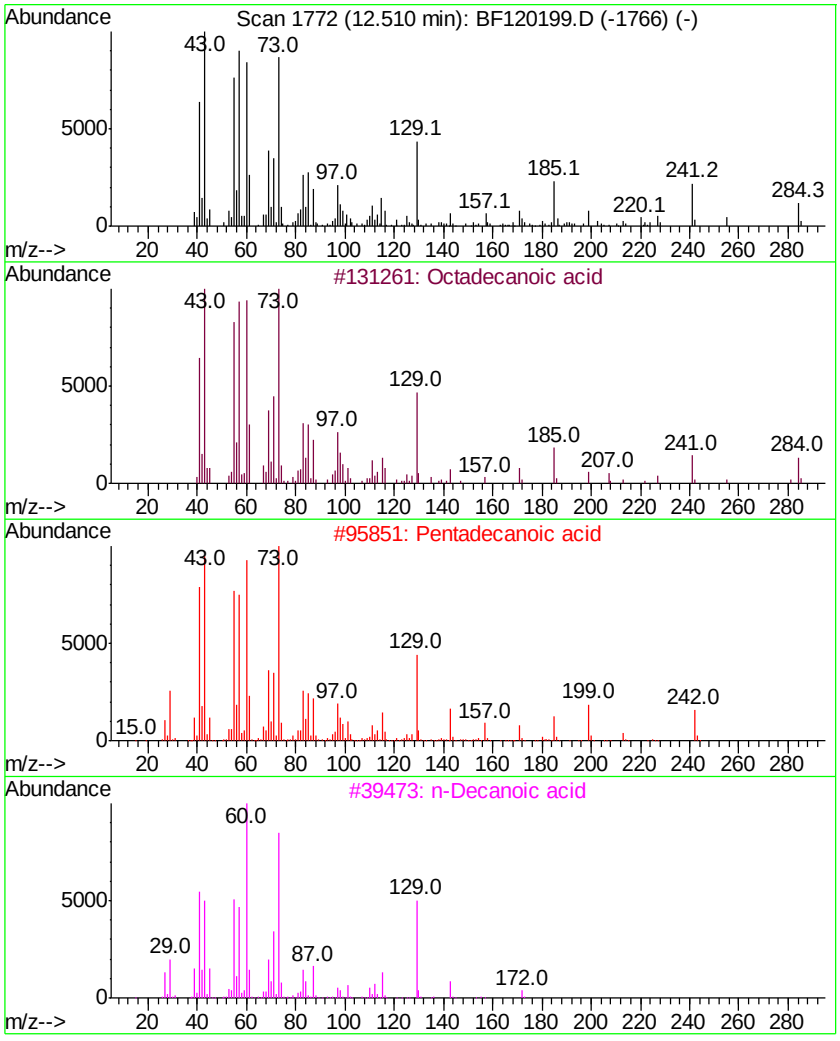
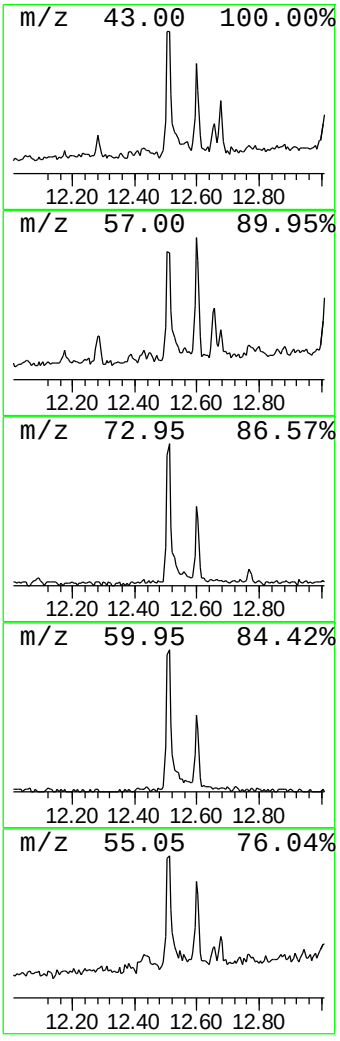
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.76 ng	354294	Chrysene-d12	13.82

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	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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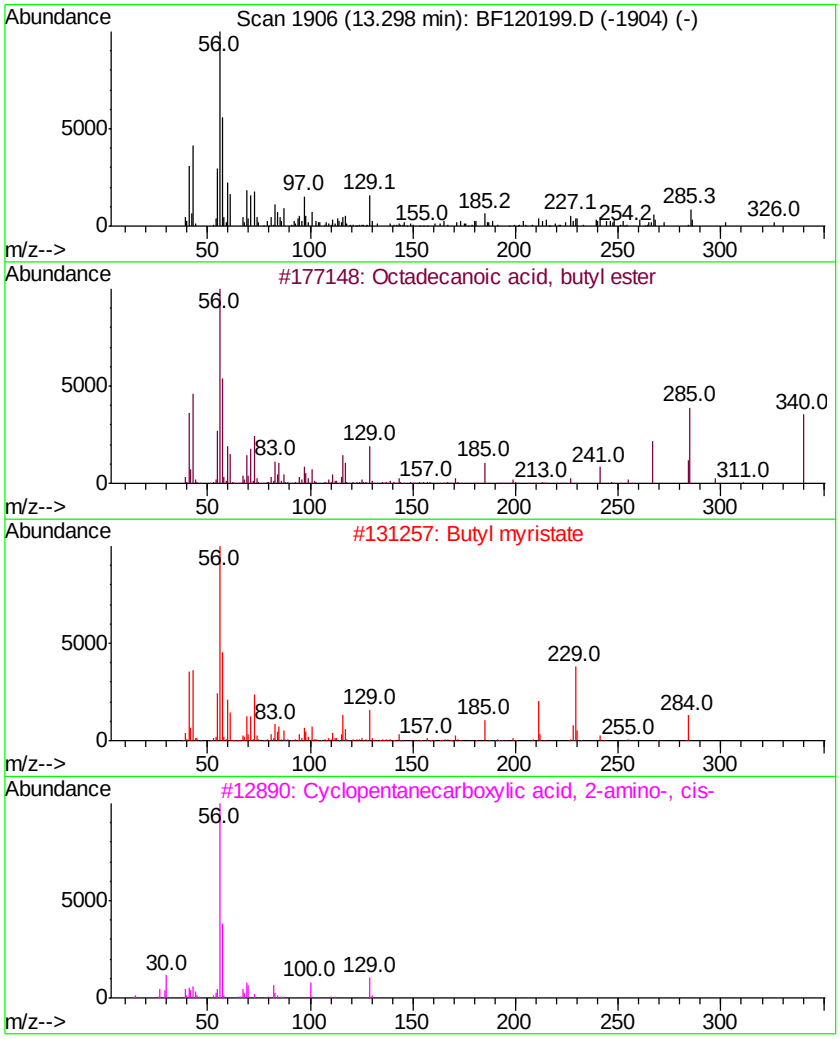
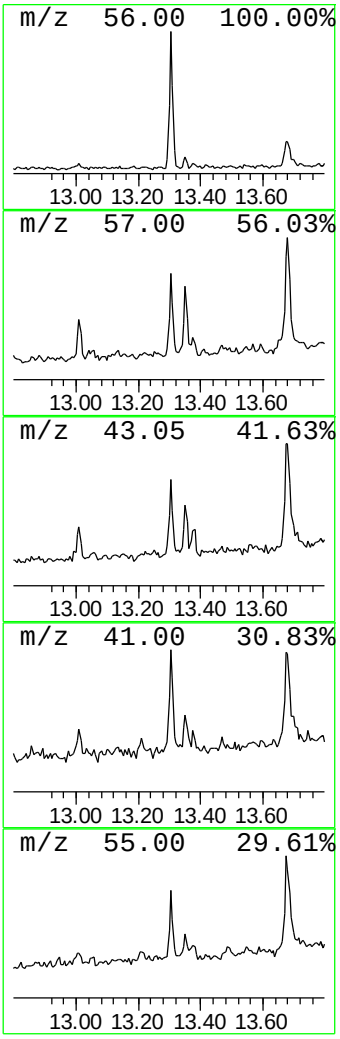
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.98 ng	208816	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Butyl myristate	284	C18H36O2	000110-36-1	80
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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

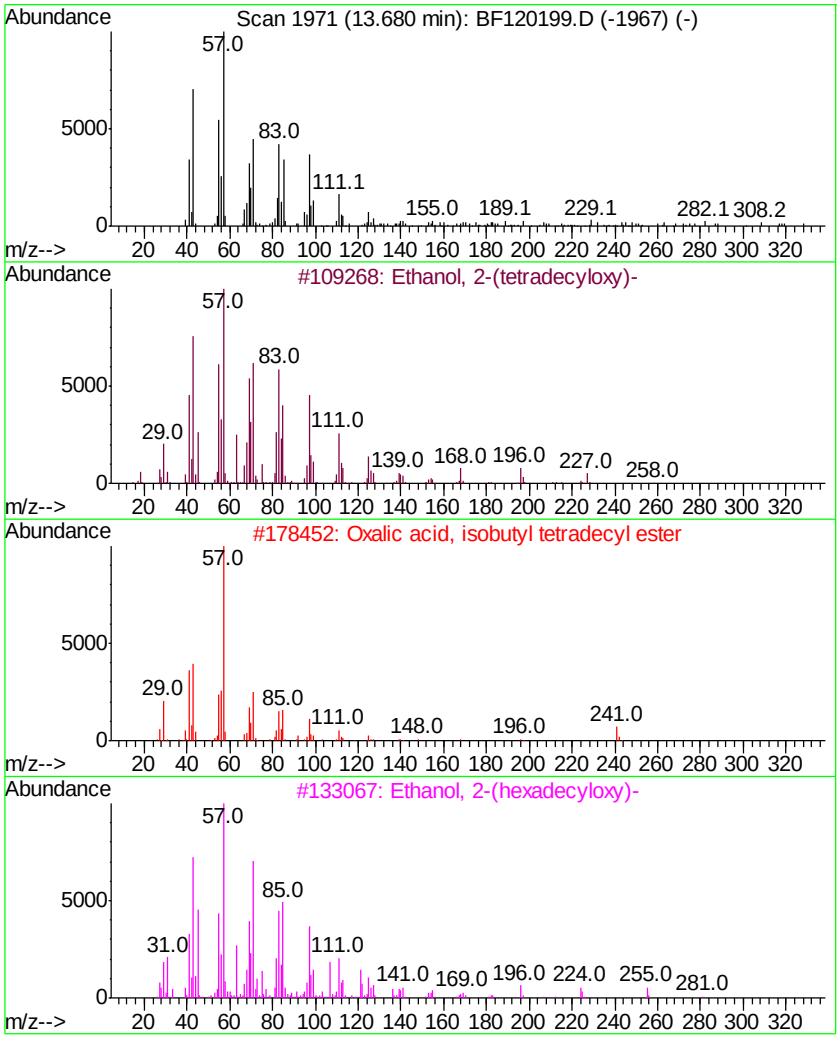
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

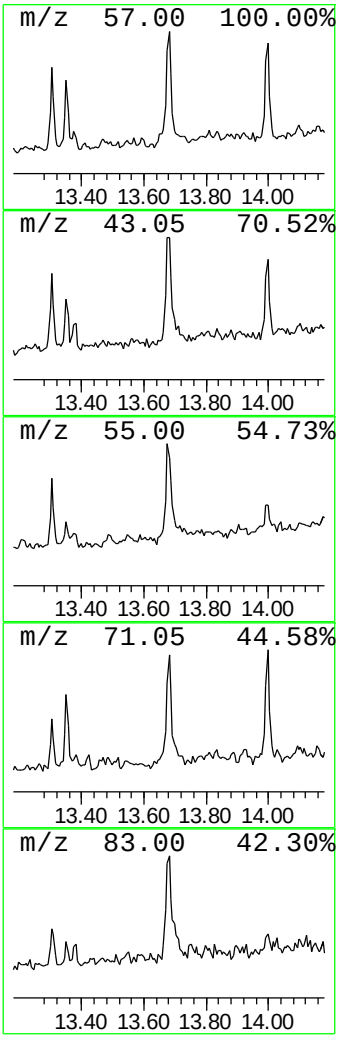
****

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	5.01 ng	262802	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	90
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	90
4	1-Docosene	308	C22H44	001599-67-3	89
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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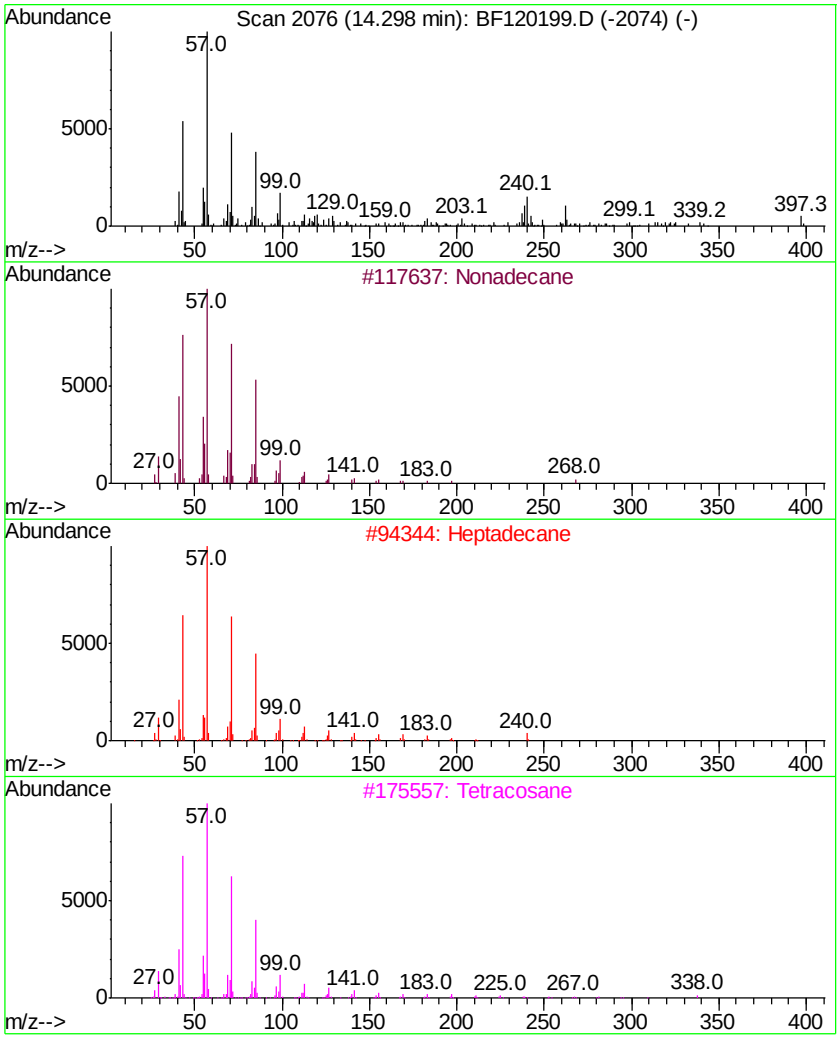
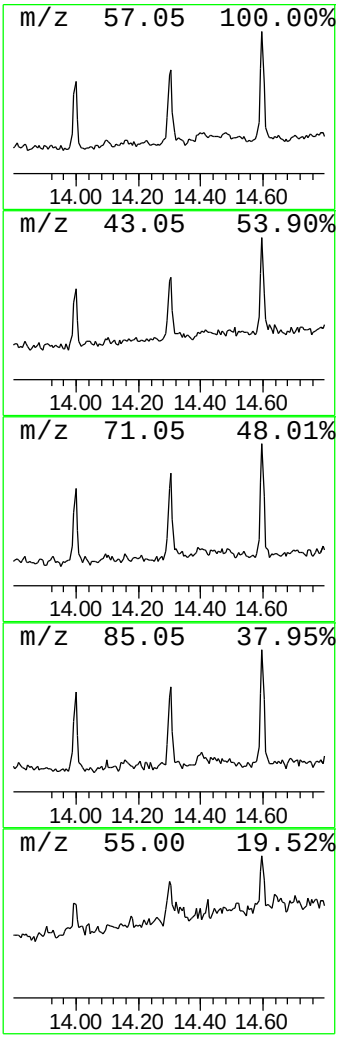
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.45 ng	128719	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	70
3	Tetracosane	338	C24H50	000646-31-1	58
4	Docosane	310	C22H46	000629-97-0	55
5	Hexacosane	366	C26H54	000630-01-3	53





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Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
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Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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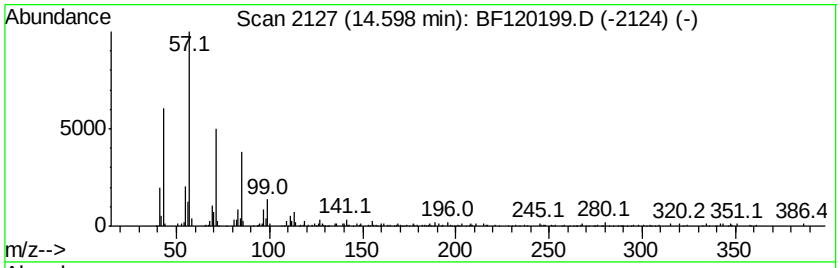
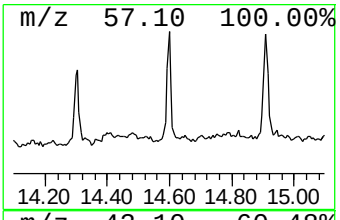
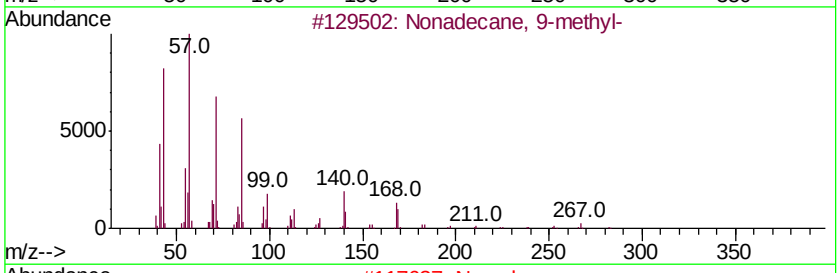
Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 6

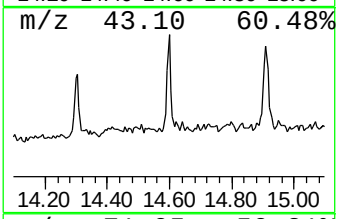
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.49 ng	182625	Perylene-d12	15.22

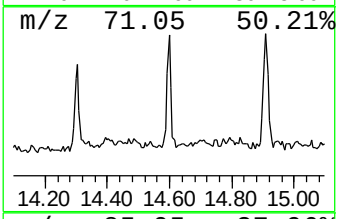
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Nonadecane	268	C19H40	000629-92-5	89
3	Tricosane	324	C23H48	000638-67-5	87
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptacosane	380	C27H56	000593-49-7	83

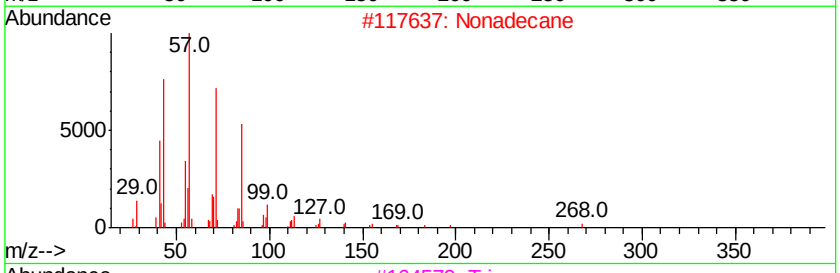


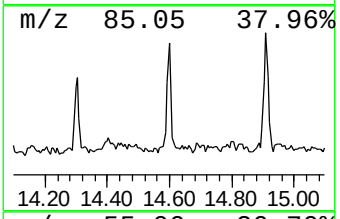


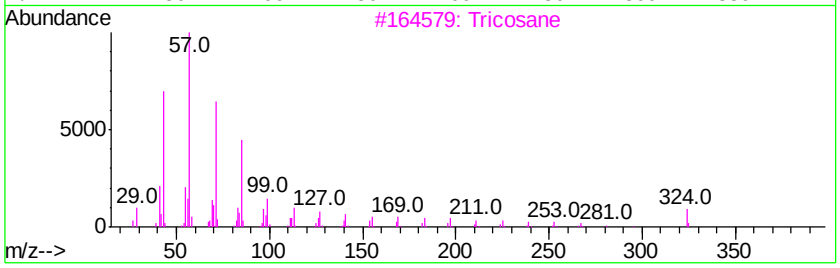


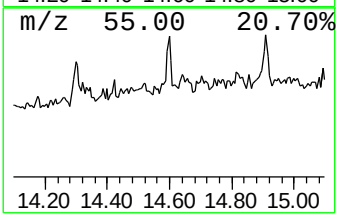












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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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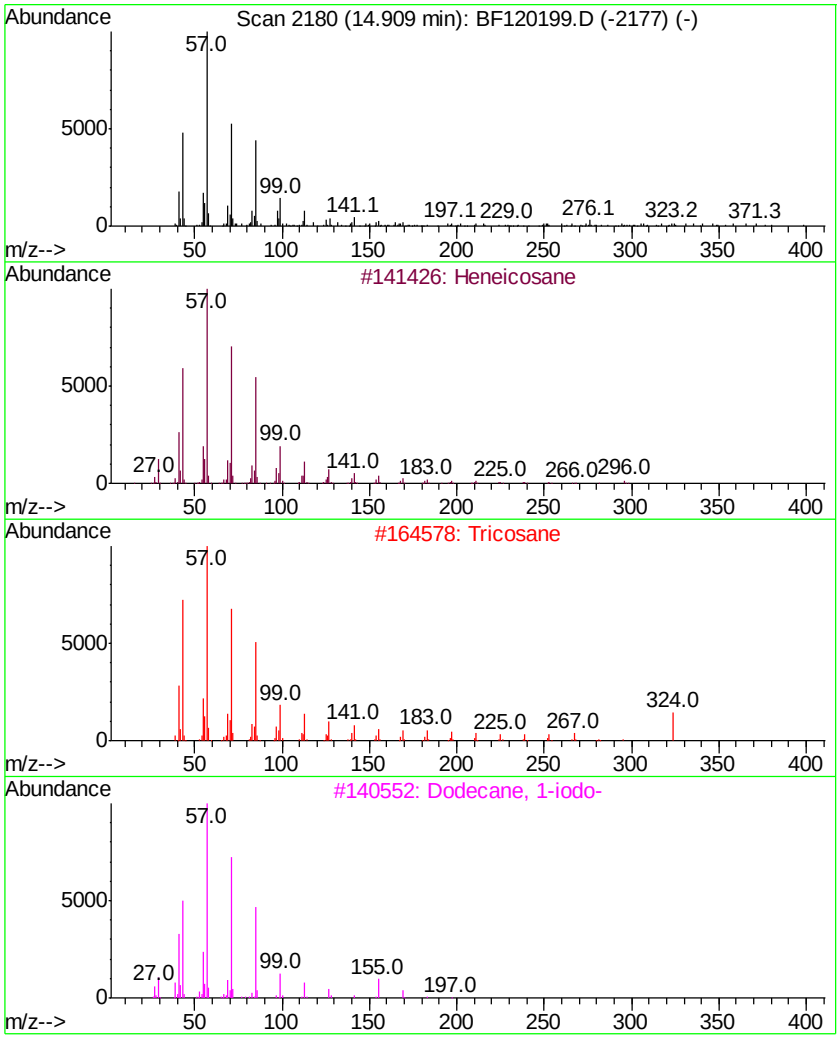
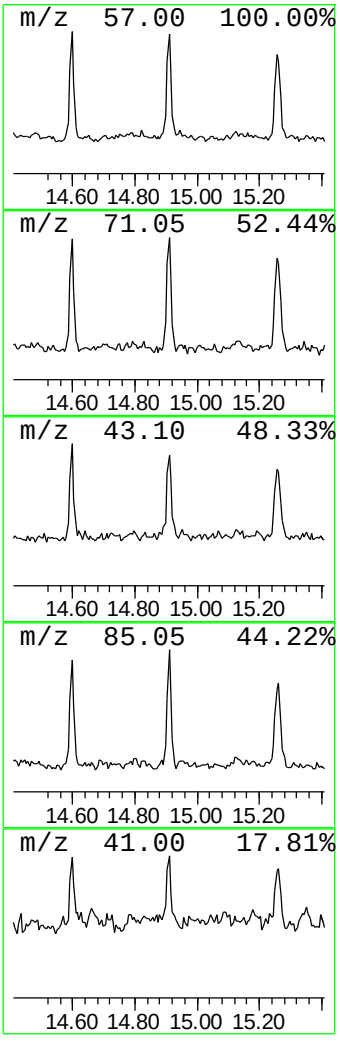
Peak Number 11 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.21 ng	211619	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tricosane	324	C23H48	000638-67-5	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-21A

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
Ethanol, 2-(2-eth...	6.50	2.4	ng	125034	1	6.66	1034230	20.0
cis-9-Hexadecenoi...	11.65	2.6	ng	139112	4	11.18	1083010	20.0
Phenanthrene, 1-m...	11.69	2.1	ng	112994	4	11.18	1083010	20.0
Tridecanoic acid	11.73	12.7	ng	688284	4	11.18	1083010	20.0
Octadecanoic acid	12.51	6.8	ng	354294	5	13.82	1048720	20.0
Octadecanoic acid...	13.30	4.0	ng	208816	5	13.82	1048720	20.0
Ethanol, 2-(tetra...	13.68	5.0	ng	262802	5	13.82	1048720	20.0
Nonadecane	14.30	2.5	ng	128719	5	13.82	1048720	20.0
Nonadecane, 9-met...	14.60	4.5	ng	182625	6	15.22	812685	20.0
Heneicosane	14.91	5.2	ng	211619	6	15.22	812685	20.0