LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

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-BF071620.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	5.404	561	564	579	rBV	342830	374459	12.93%	2.303%
2	6.428	735	738	753	rBV	397600	390726	13.49%	2.404%
3	6.792	797	800	804	rBV	879672	745527	25.74%	4.586%
4	7.351	892	895	906	rBV	275746	269277	9.30%	1.656%
5	8.075	1015	1018	1033	rBV	1046865	979544	33.82%	6.026%
6	9.151	1198	1201	1211	rVB	642856	527805	18.22%	3.247%
7	9.551	1266	1269	1272	rBV	59298	59820	2.07%	0.368%
8	9.769	1299	1306	1311	rBV	73170	106741	3.68%	0.657%
9	9.833	1313	1317	1323	rVB	1296638	1107690	38.24%	6.814%
10	10.263	1387	1390	1393	rVB	77930	68907	2.38%	0.424%
11	10.486	1423	1428	1434	rBV2	36540	47185	1.63%	0.290%
12	10.621	1445	1451	1459	rBV	319158	316405	10.92%	1.946%
13	10.739	1468	1471	1476	rBV	116181	133809	4.62%	0.823%
14	10.845	1486	1489	1492	rVB	45495	33113	1.14%	0.204%
15	11.186	1540	1547	1550	rBV	109329	107415	3.71%	0.661%
16	11.216	1550	1552	1558	rVB	50518	55242	1.91%	0.340%
17	11.321	1566	1570	1573	rBV	1292103	1123886	38.80%	6.914%
18	11.616	1617	1620	1622	rBV	107041	102369	3.53%	0.630%
19	11.639	1622	1624	1633	rVB	322863	255206	8.81%	1.570%
20	11.716	1633	1637	1640	rBV	1794697	1435729	49.56%	8.832%
21	12.021	1682	1689	1694	rBV	93523	107705	3.72%	0.663%
22	12.298	1733	1736	1739	rBV2	42293	41415	1.43%	0.255%
23	12.404	1750	1754	1755	rBV	1541784	1454509	50.21%	8.947%
24	12.427	1755	1758	1765	rVV	2742841	2896732	100.00%	17.819%
25	12.510	1768	1772	1774	rBV	603113	504514	17.42%	3.104%
26	12.533	1774	1776	1783	rVB	84918	82179	2.84%	0.506%
27	12.745	1809	1812	1813	rBV	68446	59788	2.06%	0.368%
28	12.762	1813	1815	1817	rVV	89885	77230	2.67%	0.475%
29	12.780	1817	1818	1824	rVB2	52252	55584	1.92%	0.342%
30	12.904	1835	1839	1843	rBV	590361	497911	17.19%	3.063%
31	13.068	1864	1867	1869	rBV2	45925	53154	1.83%	0.327%
32	13.139	1876	1879	1880	rBV	69152	56457	1.95%	0.347%
33	13.233	1892	1895	1897	rBV	44643	37323	1.29%	0.230%
34	13.480	1935	1937	1940	rVB	42392	34077	1.18%	0.210%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.515	1941	1943	1951	rVB	48422	56095	1.94%	0.345%
36	13.810	1990	1993	1998	rBV	64076	72956	2.52%	0.449%
37	13.962	2015	2019	2022	rBV	925528	827930	28.58%	5.093%
38	14.127	2044	2047	2051	rBV2	47373	51558	1.78%	0.317%
39	14.427	2096	2098	2103	rVB	53451	50721	1.75%	0.312%
40	15.415	2261	2266	2274	rBV	765598	997537	34.44%	6.136%

Sum of corrected areas: 16256230

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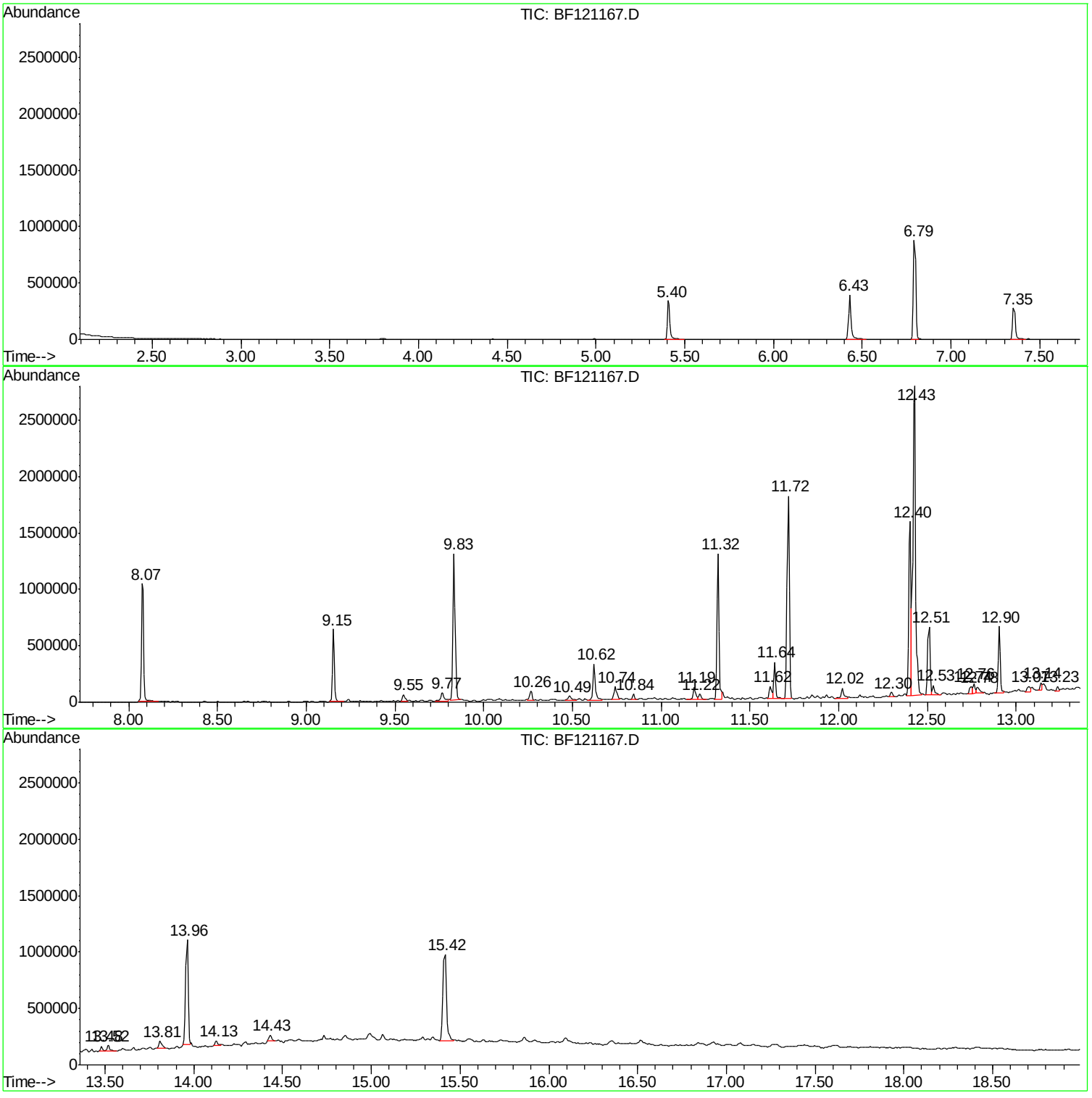
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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

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Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
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Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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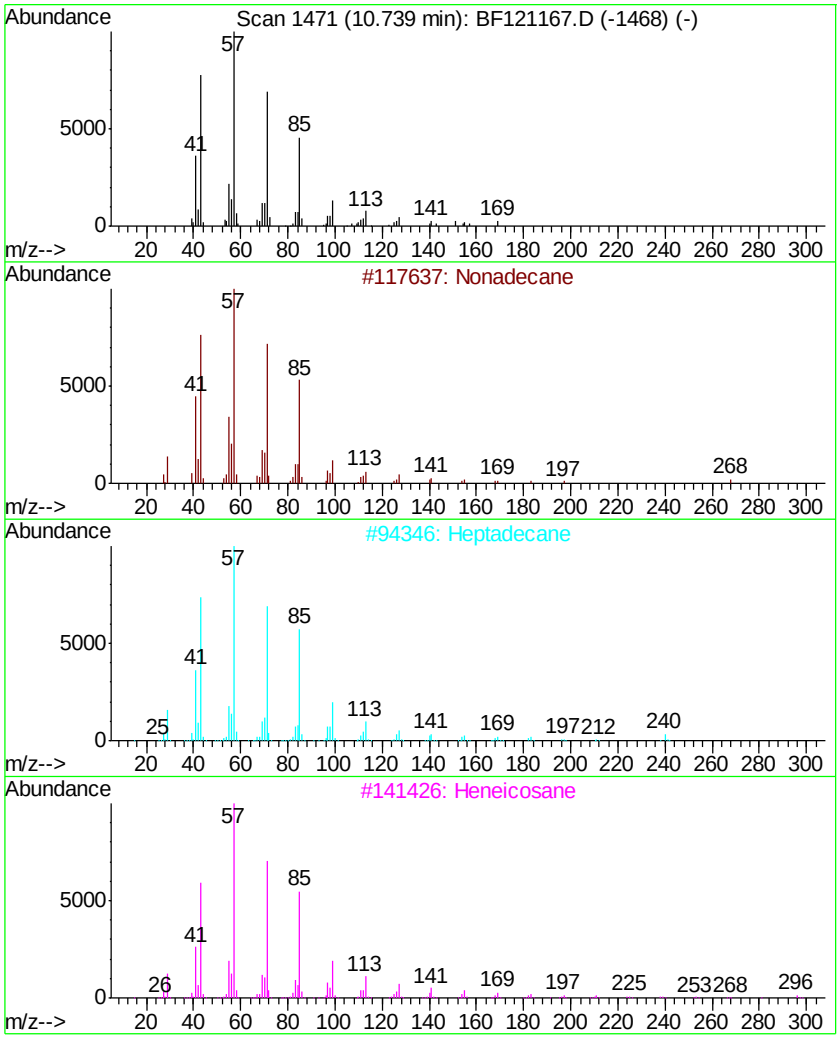
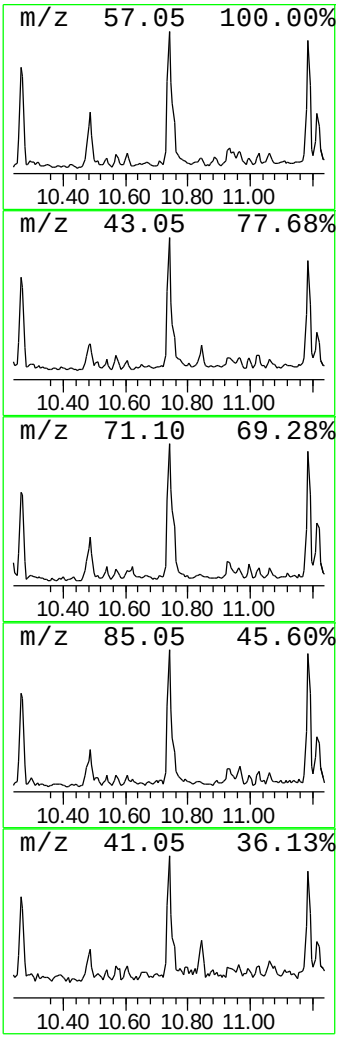
Peak Number 1 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.38 ng	133809	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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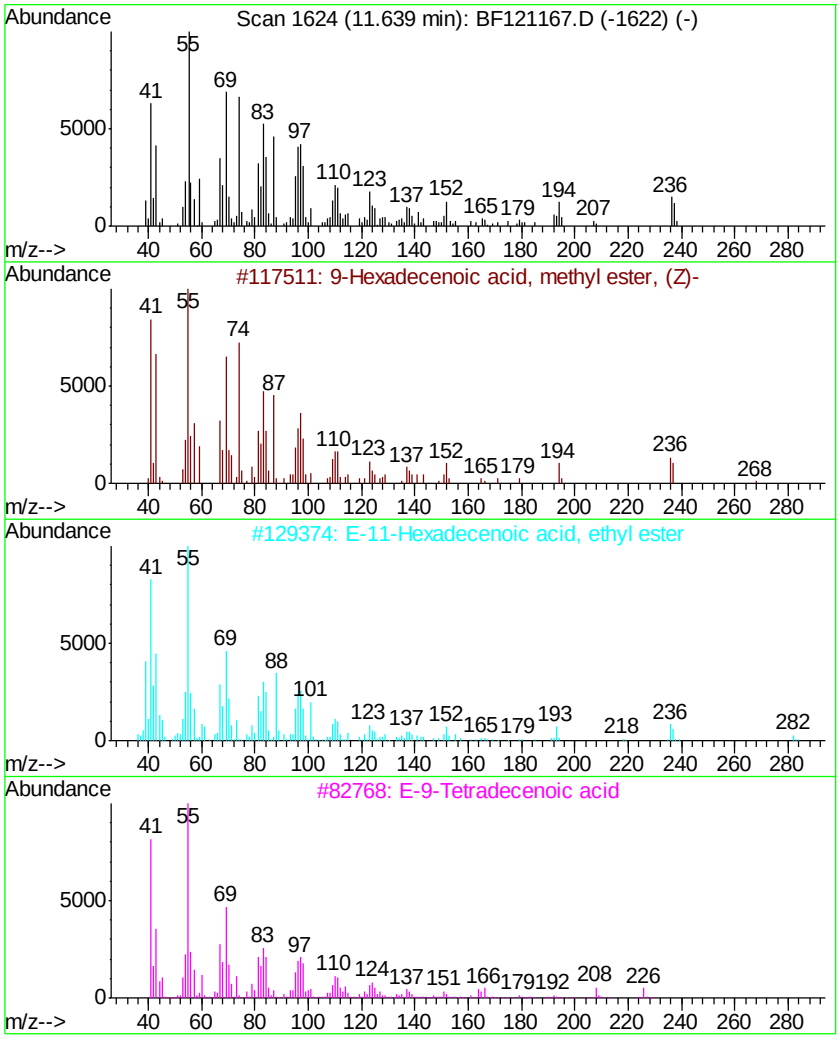
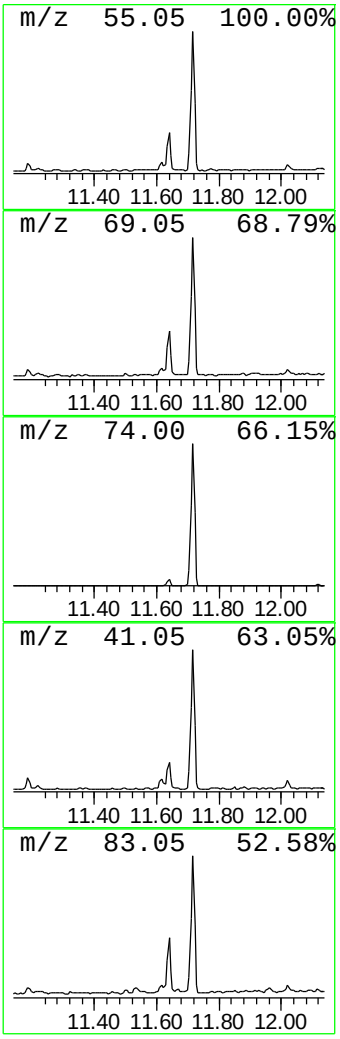
Peak Number 2 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	4.54 ng	255206	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	87
2	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	64
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	58
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	58
5	4-Tetradecene, 2,3,4-trimethyl-	238	C17H34	055103-81-6	51





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

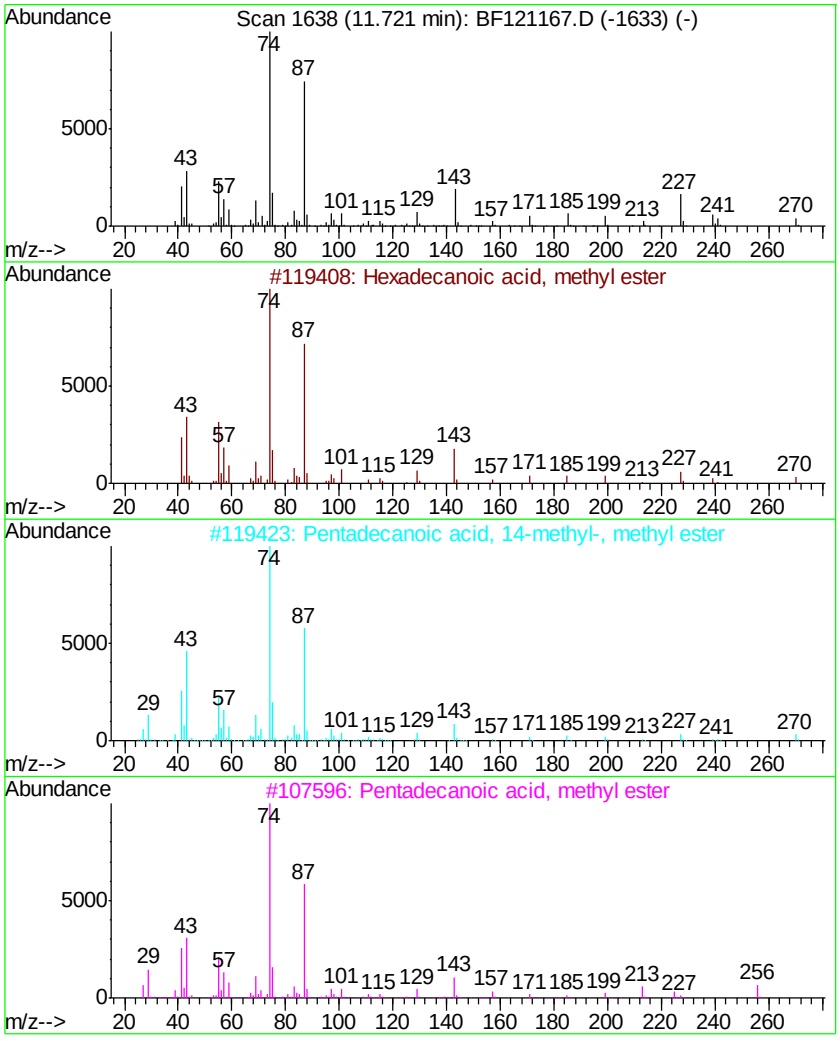
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

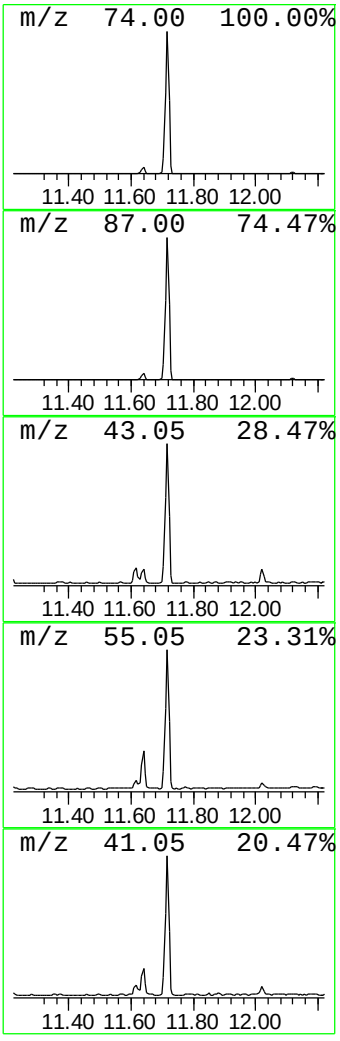
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	25.55 ng	1435730	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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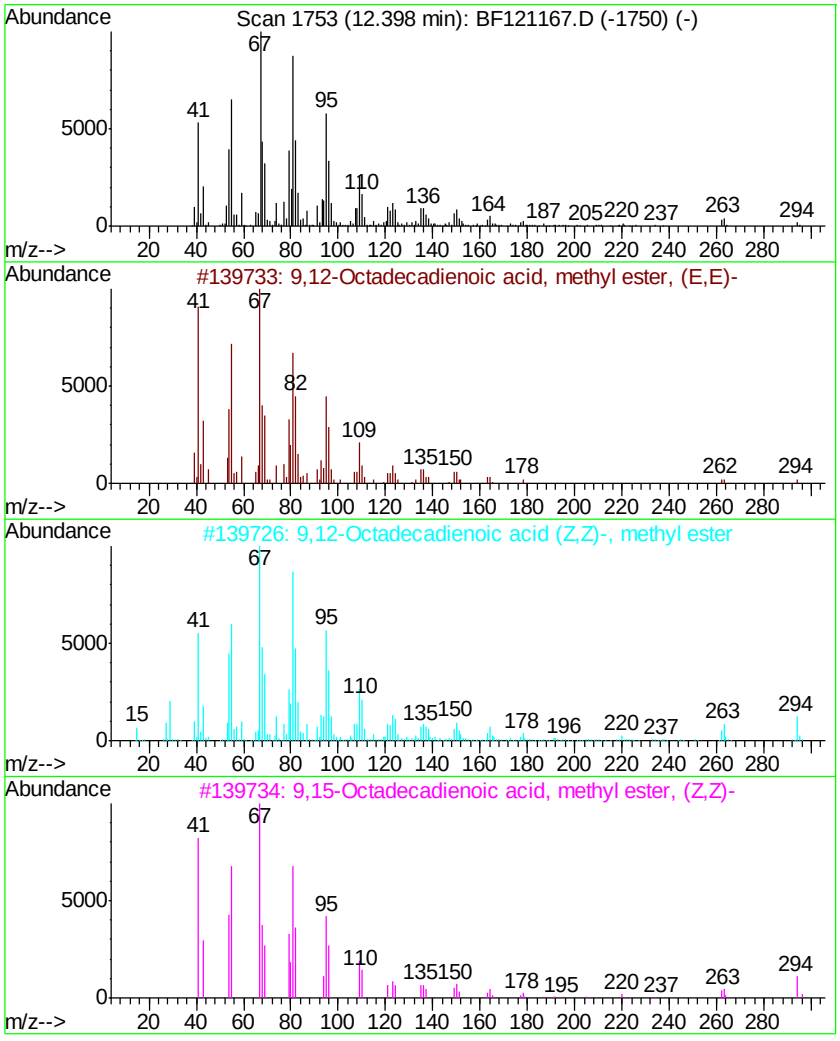
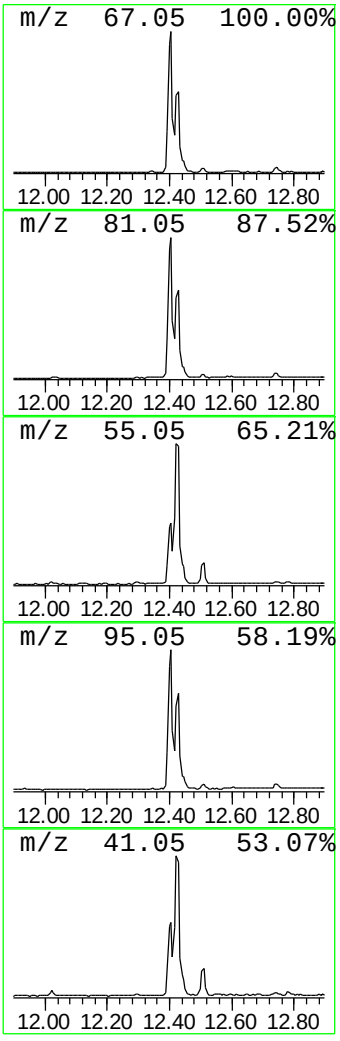
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	25.88 ng	1454510	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

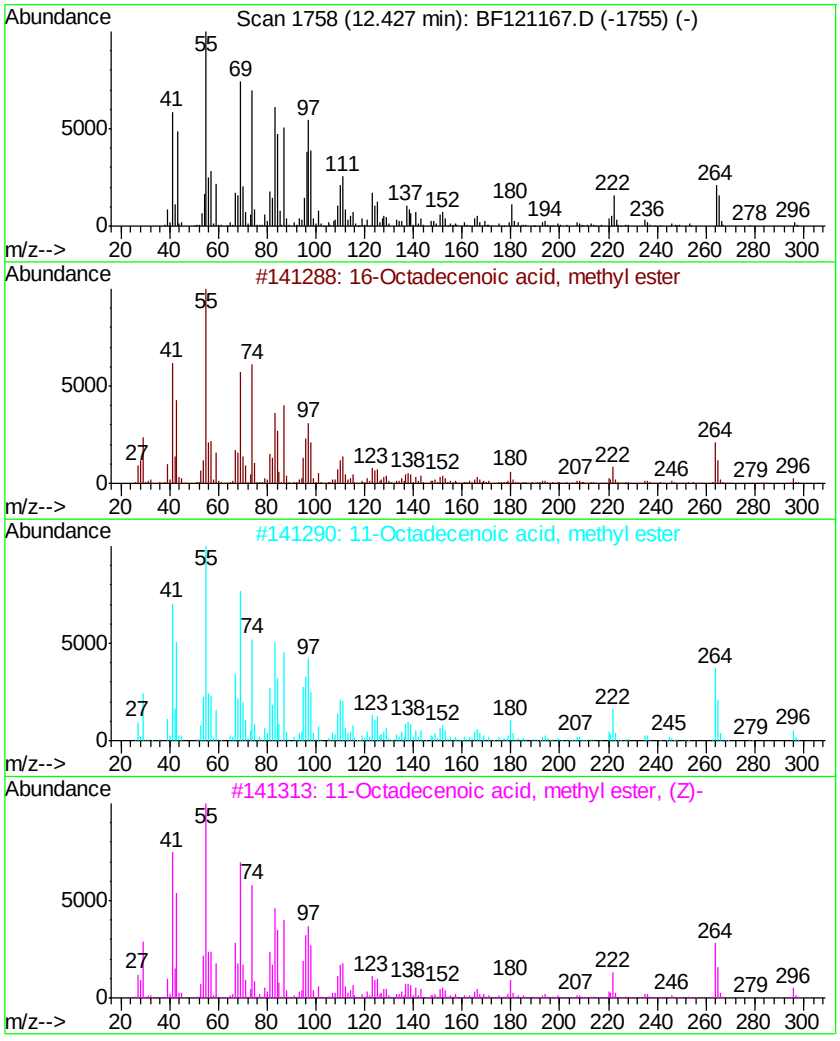
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

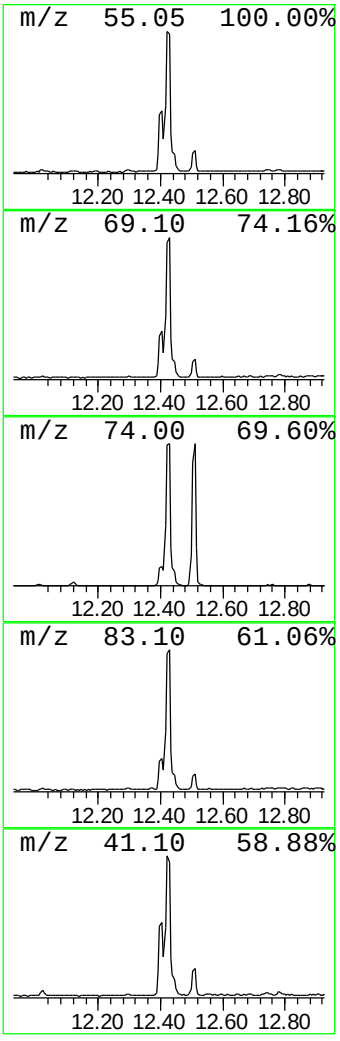
****

Peak Number 5 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	51.55 ng	2896730	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	89
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	89
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	89





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

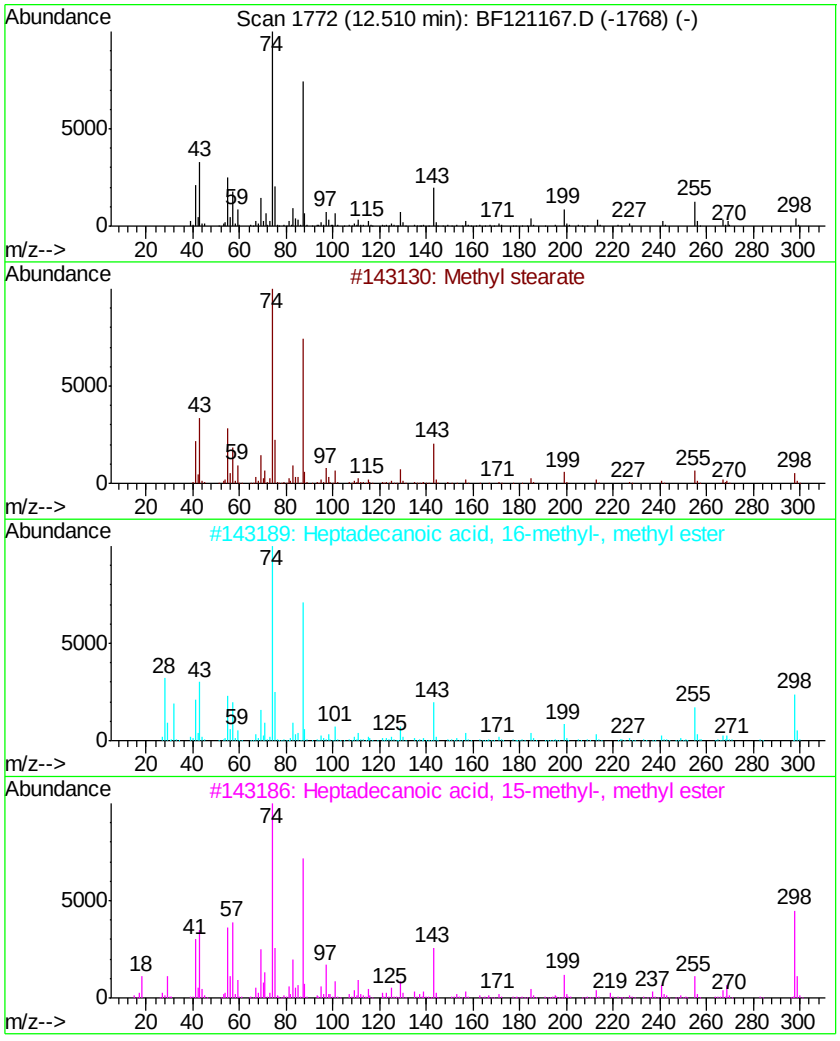
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

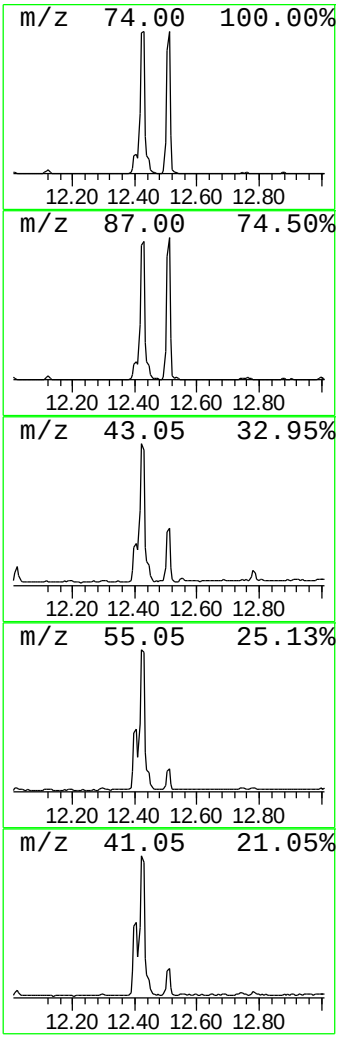
****

Peak Number 6 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	8.98 ng	504514	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	97
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Nonadecane	10.74	2.4	ng	133809	4	11.32	1123890	20.0
9-Hexadecenoic ac...	11.64	4.5	ng	255206	4	11.32	1123890	20.0
Hexadecanoic acid...	11.72	25.6	ng	1435730	4	11.32	1123890	20.0
9,12-Octadecadien...	12.40	25.9	ng	1454510	4	11.32	1123890	20.0
16-Octadecenoic a...	12.43	51.5	ng	2896730	4	11.32	1123890	20.0
Methyl stearate	12.51	9.0	ng	504514	4	11.32	1123890	20.0