LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

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-BF073019.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	3.804	288	292	307	rBV	88210	166578	4.58%	1.162%
2	5.492	576	579	590	rBV2	18772	59458	1.63%	0.415%
3	6.498	746	750	766	rBV	35916	119718	3.29%	0.835%
4	6.610	766	769	781	rVB	80806	155371	4.27%	1.084%
5	6.804	799	802	822	rBV	460096	477481	13.12%	3.330%
6	6.969	827	830	845	rBV	95809	130089	3.57%	0.907%
7	7.410	901	905	923	rBV	26950	85096	2.34%	0.594%
8	8.086	1017	1020	1033	rBV	603864	646361	17.75%	4.508%
9	9.157	1199	1202	1212	rBV	204514	217707	5.98%	1.518%
10	9.557	1265	1270	1277	rBV3	16733	37228	1.02%	0.260%
11	9.833	1314	1317	1332	rVB	915196	833457	22.89%	5.813%
12	10.257	1386	1389	1392	rBV	54118	39731	1.09%	0.277%
13	10.639	1451	1454	1462	rBV	65710	100835	2.77%	0.703%
14	10.727	1466	1469	1479	rVB	77316	92657	2.55%	0.646%
15	11.174	1542	1545	1547	rBV	77280	56964	1.56%	0.397%
16	11.321	1567	1570	1580	rBV	962774	953197	26.18%	6.648%
17	11.598	1614	1617	1620	rBV	75243	58476	1.61%	0.408%
18	11.698	1631	1634	1638	rBV	971859	789485	21.69%	5.506%
19	12.004	1683	1686	1694	rVB	62892	55492	1.52%	0.387%
20	12.386	1747	1751	1752	rBV	2133672	1935562	53.17%	13.500%
21	12.410	1752	1755	1761	rVV	3662804	3640502	100.00%	25.391%
22	12.486	1765	1768	1774	rVB	403854	364843	10.02%	2.545%
23	12.545	1774	1778	1786	rBV	132983	189715	5.21%	1.323%
24	12.768	1811	1816	1823	rVB2	125340	188913	5.19%	1.318%
25	12.898	1832	1838	1848	rBV	358098	344221	9.46%	2.401%
26	13.115	1872	1875	1876	rBV2	40949	38229	1.05%	0.267%
27	13.133	1876	1878	1883	rVB2	95554	81257	2.23%	0.567%
28	13.210	1888	1891	1895	rBV	110351	95959	2.64%	0.669%
29	13.457	1930	1933	1939	rBV	40575	38433	1.06%	0.268%
30	13.780	1986	1988	1991	rBV2	41308	42169	1.16%	0.294%
31	13.874	2001	2004	2010	rVB	131827	129212	3.55%	0.901%
32	13.962	2015	2019	2024	rBV	827885	889971	24.45%	6.207%
33	14.098	2040	2042	2046	rVB	42738	38820	1.07%	0.271%
34	14.404	2091	2094	2097	rBV	53191	52031	1.43%	0.363%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.492	2106	2109	2112	rBV	76871	71063	1.95%	0.496%
36	14.704	2142	2145	2148	rBV	51408	48279	1.33%	0.337%
37	15.021	2196	2199	2210	rVB2	93669	160310	4.40%	1.118%
38	15.386	2257	2261	2264	rBV2	80999	117482	3.23%	0.819%
39	15.421	2264	2267	2279	rVB	494328	724167	19.89%	5.051%
40	15.804	2329	2332	2337	rVB	50854	71333	1.96%	0.498%

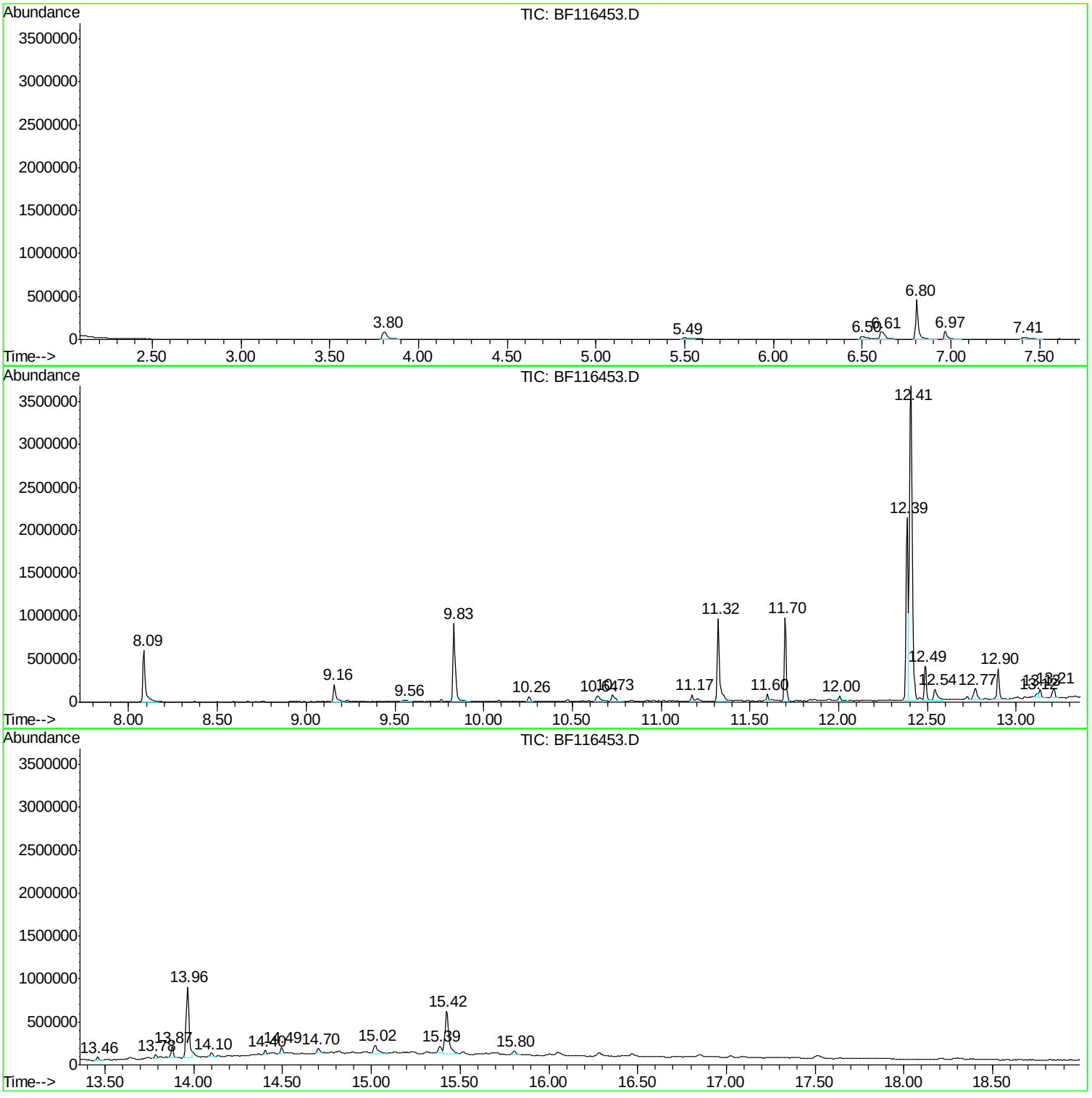
Sum of corrected areas: 14337852

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

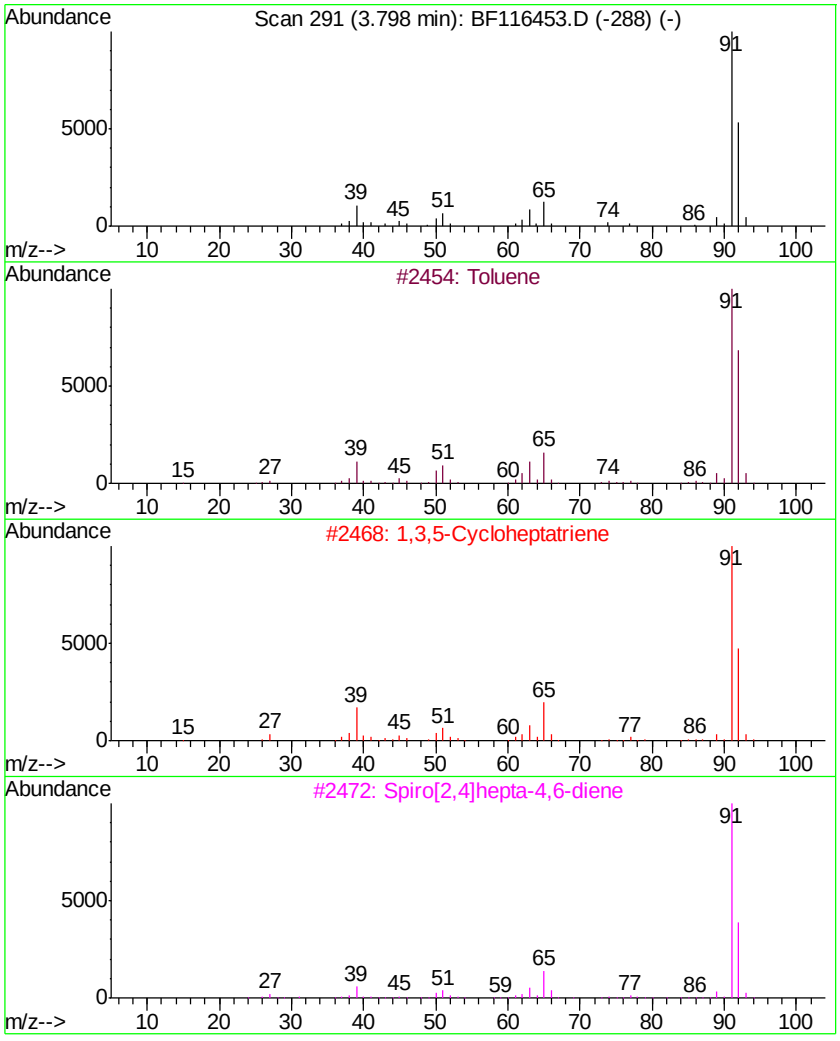
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

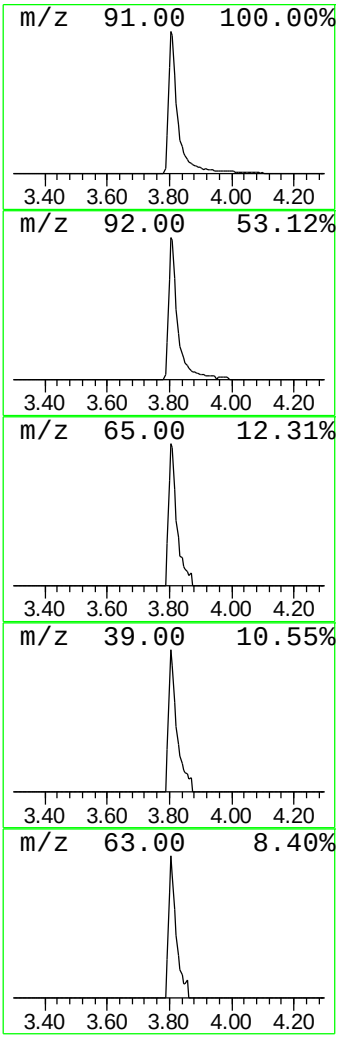
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	6.98 ng	166578	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	83
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

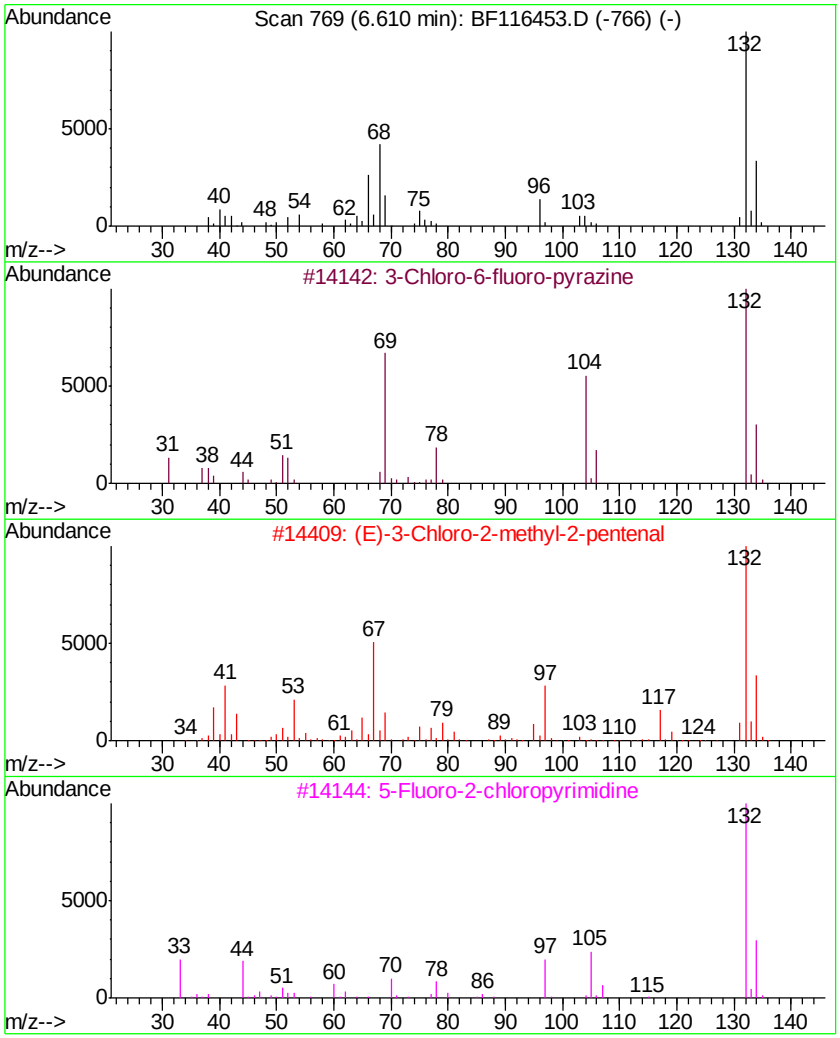
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

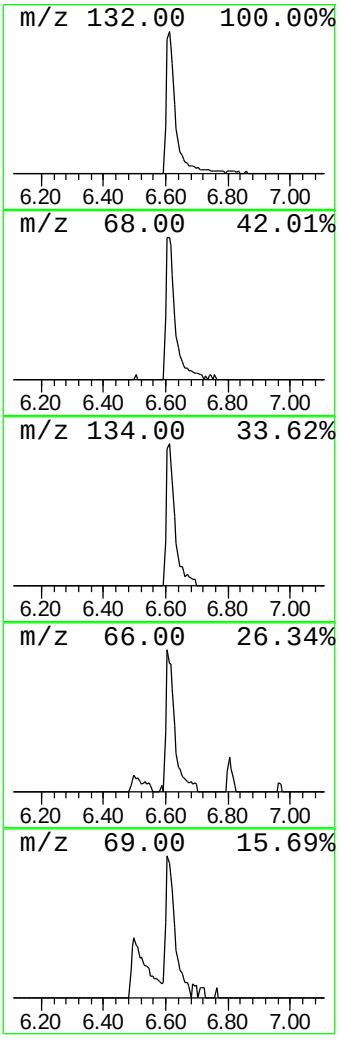
****

Peak Number 2 unknown6.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	6.51 ng	155371	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

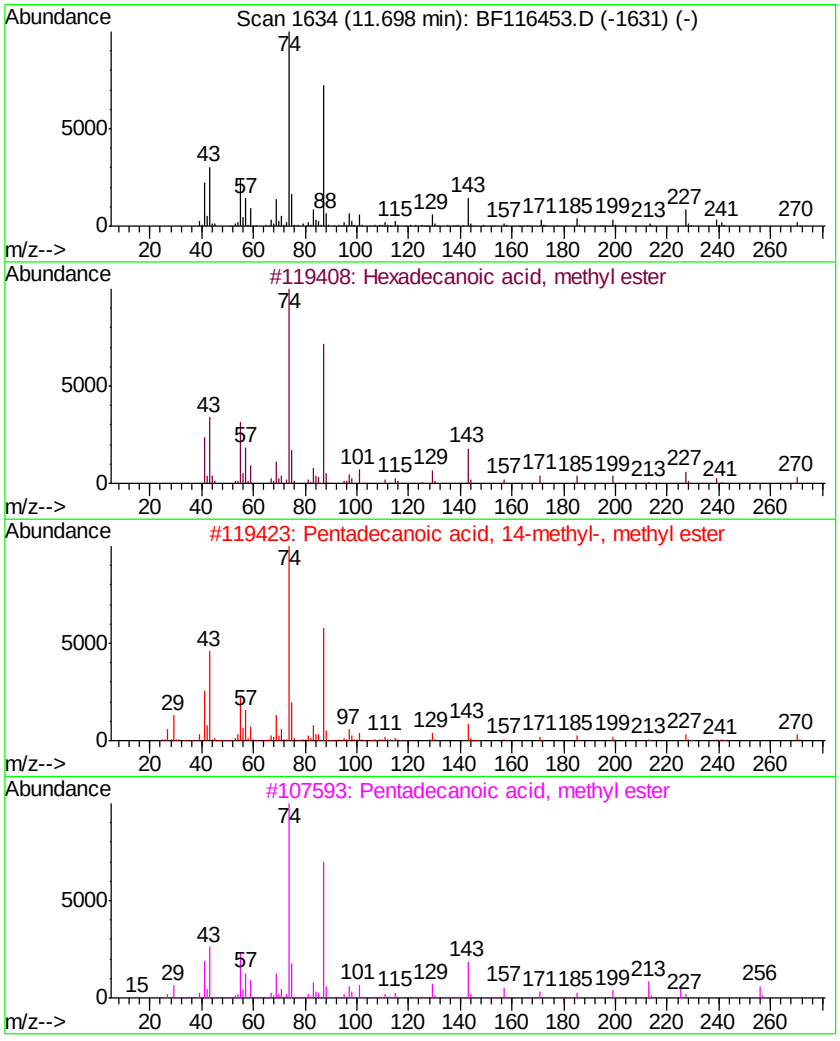
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

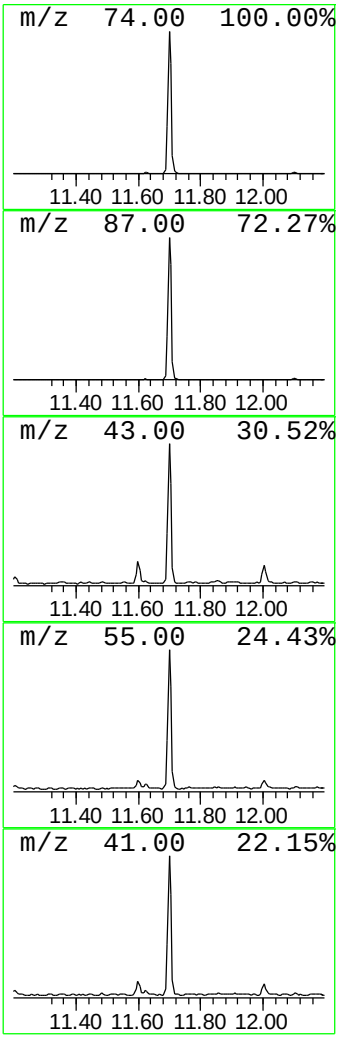
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	16.57 ng	789485	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

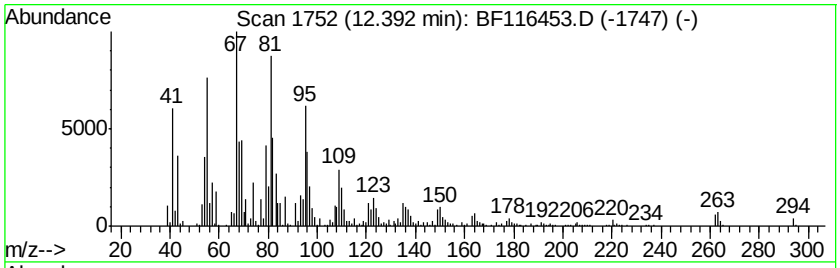
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

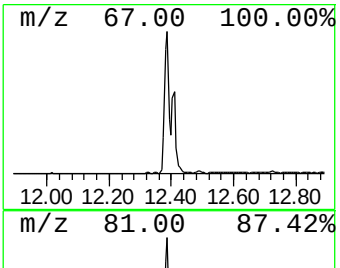
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	40.61 ng	1935560	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

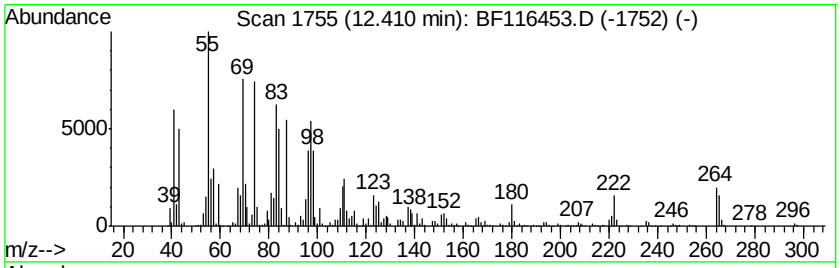
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

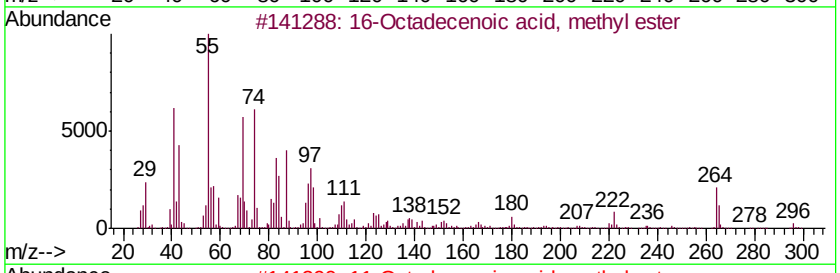
****

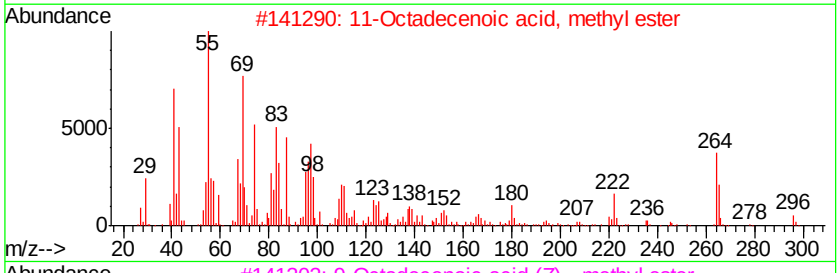
Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 1

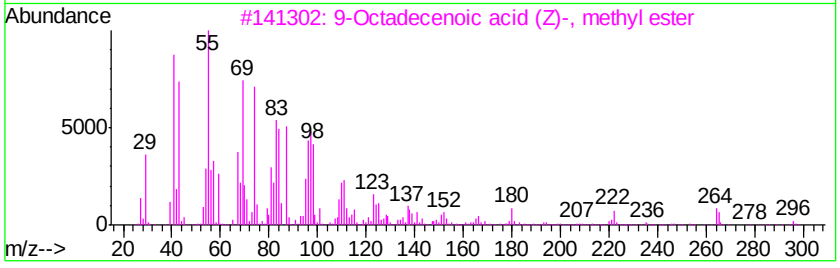
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	76.39 ng	3640500	Phenanthrene-d10	11.32

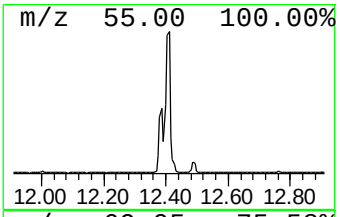
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90

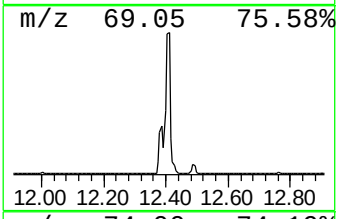


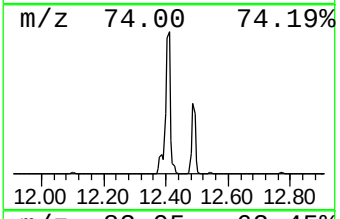


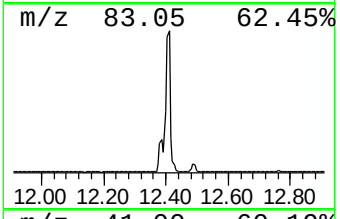


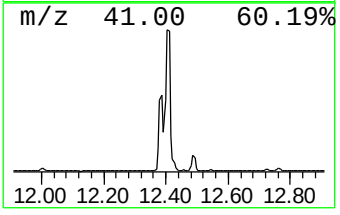












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

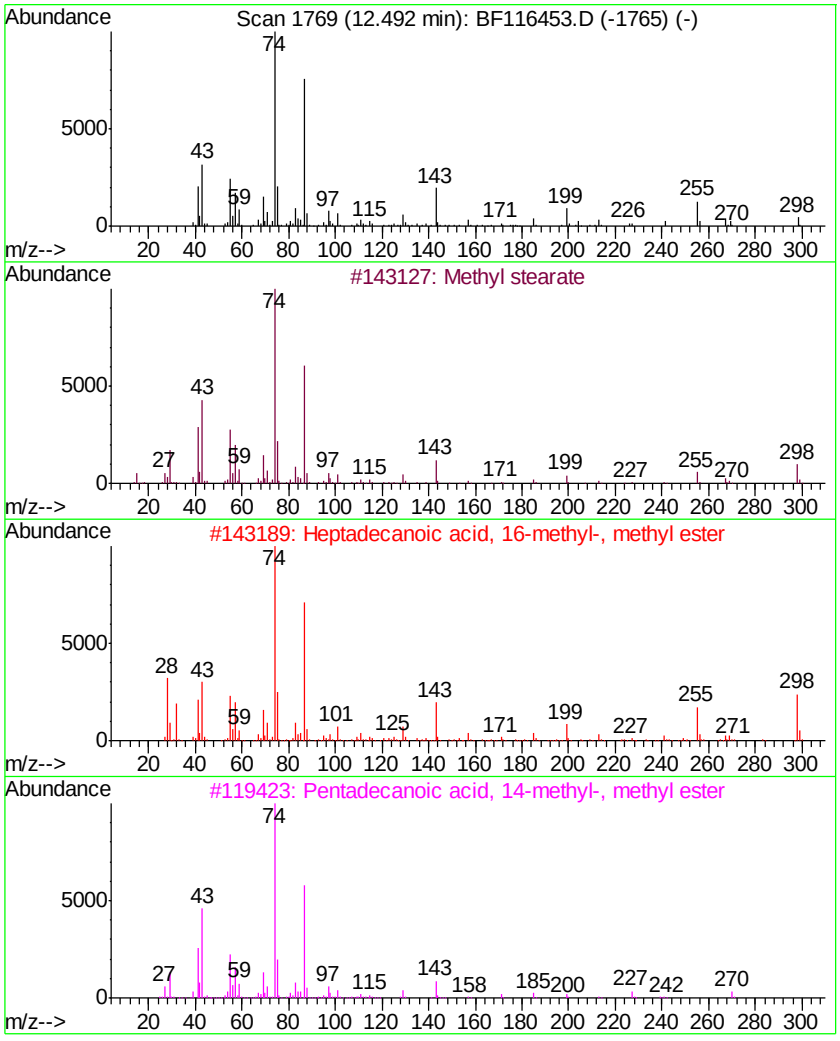
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

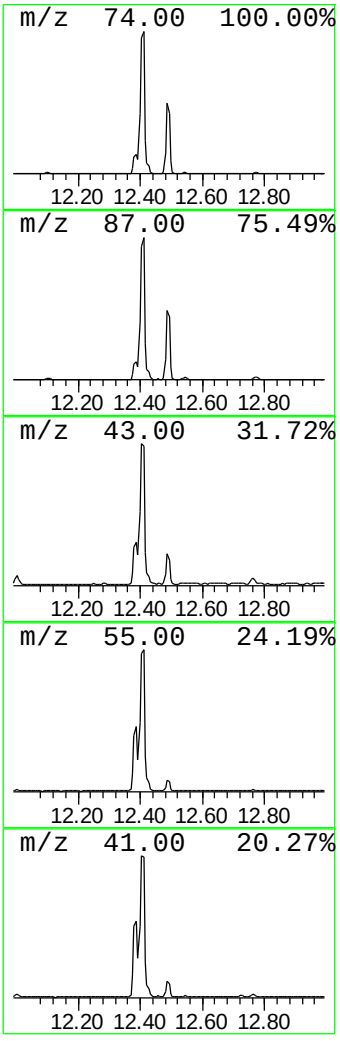
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.66 ng	364843	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

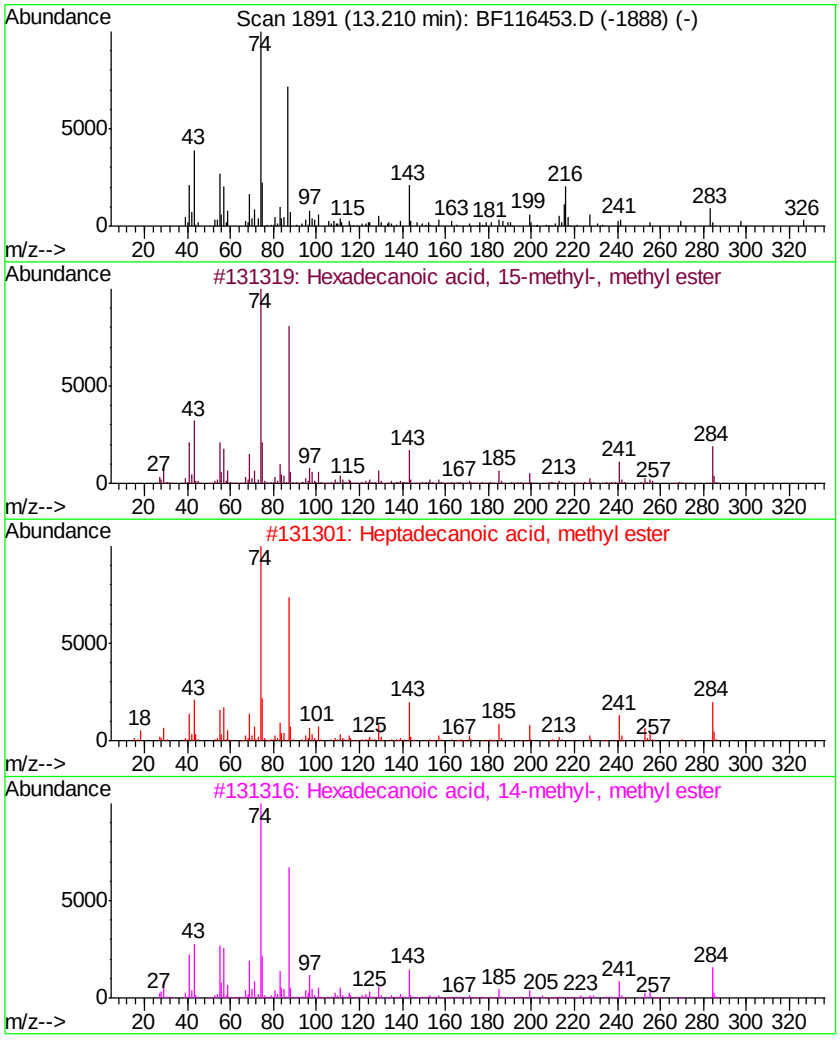
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

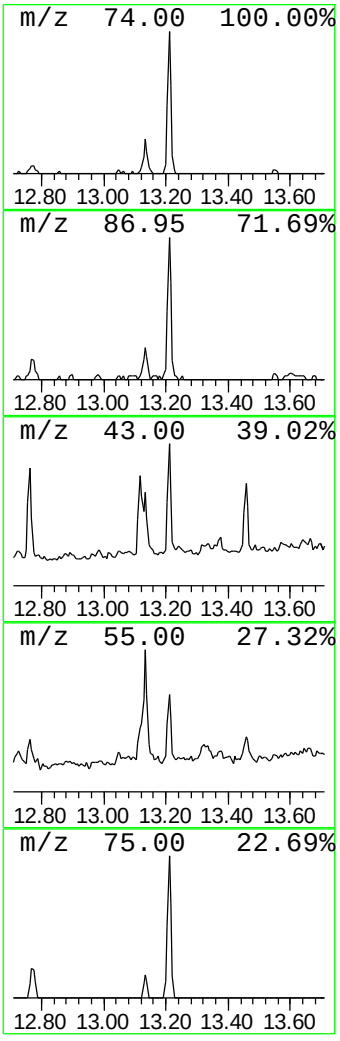
****

Peak Number 8 Heptadecanoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.16 ng	95959	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	89
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

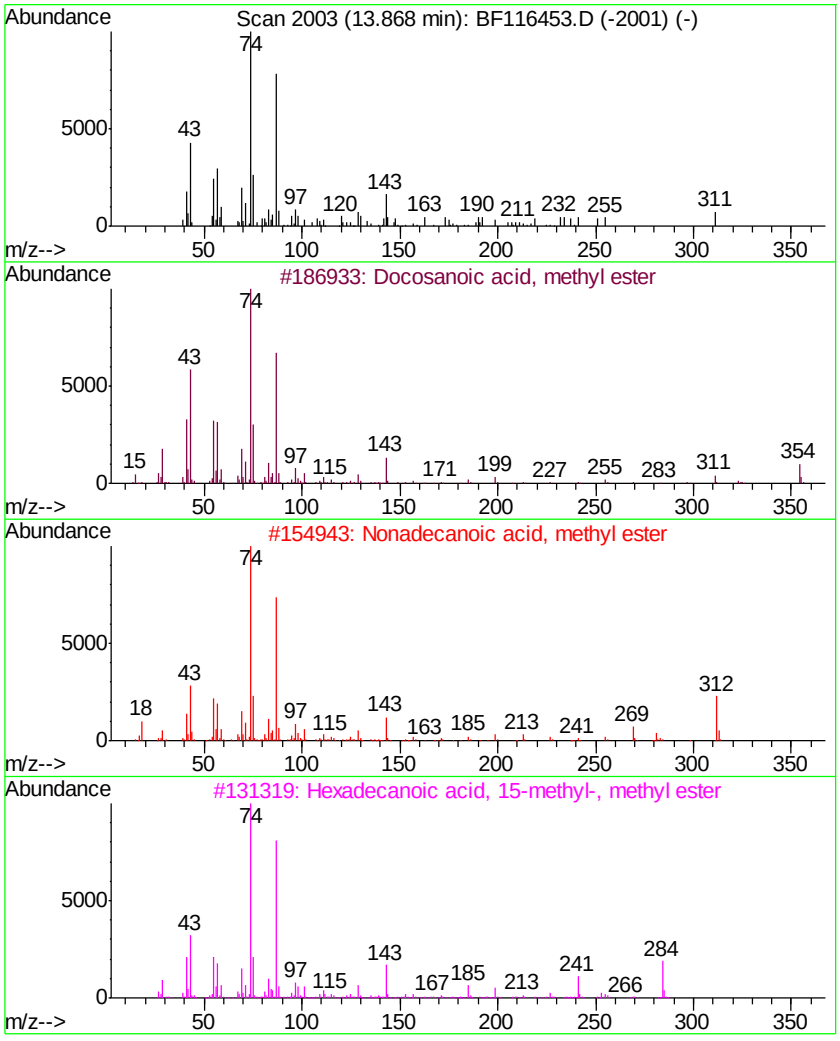
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

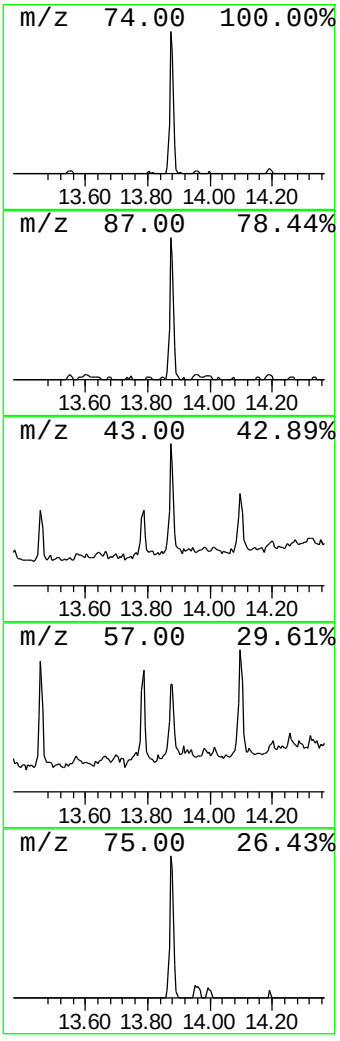
****

Peak Number 9 Docosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.90 ng	129212	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

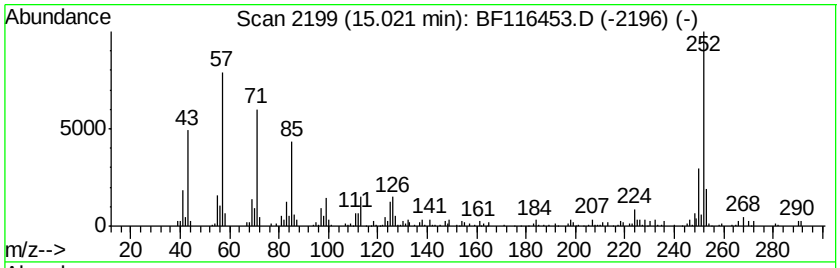
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

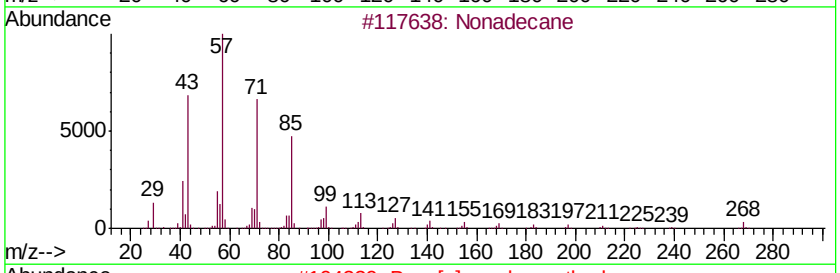
****

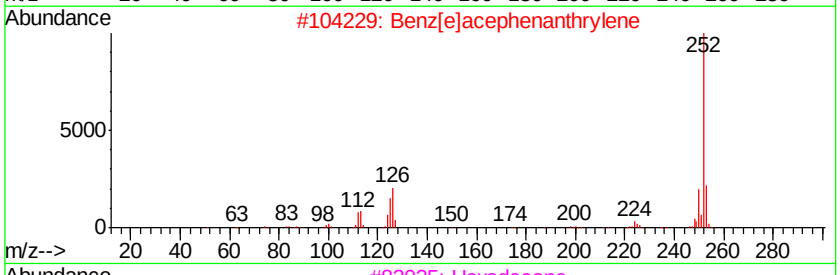
Peak Number 10 Nonadecane Concentration Rank 8

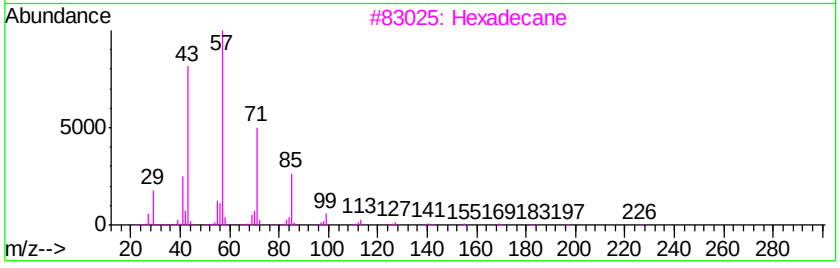
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.43 ng	160310	Perylene-d12	15.42

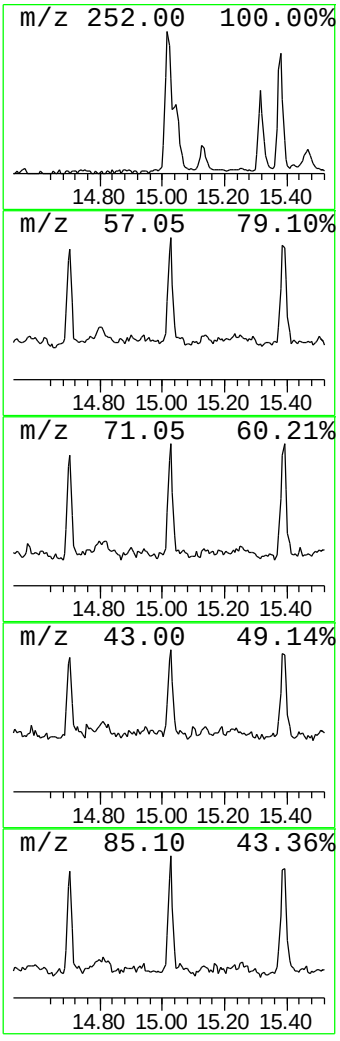
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	78
3	Hexadecane	226	C16H34	000544-76-3	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	60
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	60











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116453.D
Acq On : 21 Aug 2019 1:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
1,3,5-Cycloheptat...	3.80	7.0	ng	166578	1	6.80	477481	20.0
unknown6.61	6.61	6.5	ng	155371	1	6.80	477481	20.0
Hexadecanoic acid...	11.70	16.6	ng	789485	4	11.32	953197	20.0
9,12-Octadecadien...	12.39	40.6	ng	1935560	4	11.32	953197	20.0
16-Octadecenoic a...	12.41	76.4	ng	3640500	4	11.32	953197	20.0
Methyl stearate	12.49	7.7	ng	364843	4	11.32	953197	20.0
Heptadecanoic aci...	13.21	2.2	ng	95959	5	13.96	889971	20.0
Docosanoic acid, ...	13.87	2.9	ng	129212	5	13.96	889971	20.0
Nonadecane	15.02	4.4	ng	160310	6	15.42	724167	20.0