LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

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-BF041819.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	15	17	28	rVB	37276	59922	1.68%	0.158%
2	5.522	579	584	587	rBV	2216001	2063001	57.91%	5.431%
3	6.522	749	754	757	rBV	2381087	2129783	59.78%	5.607%
4	6.669	775	779	782	rBV	2686552	2223203	62.40%	5.853%
5	6.904	815	819	822	rBV	1380363	1181515	33.16%	3.111%
6	7.057	841	845	849	rBV	2062822	1690629	47.45%	4.451%
7	7.457	908	913	916	rBV	1481565	1249939	35.08%	3.291%
8	8.181	1031	1036	1040	rBV	1563322	1470672	41.28%	3.872%
9	8.781	1135	1138	1141	rBV	69616	59759	1.68%	0.157%
10	9.257	1215	1219	1222	rBV	2823466	2305436	64.71%	6.069%
11	9.345	1230	1234	1238	rBV2	111646	103679	2.91%	0.273%
12	9.598	1271	1277	1279	rBV6	31484	44369	1.25%	0.117%
13	9.645	1283	1285	1290	rVV	381009	319667	8.97%	0.842%
14	9.875	1321	1324	1326	rVB	120365	87002	2.44%	0.229%
15	9.939	1331	1335	1339	rVB	1868542	1507865	42.32%	3.970%
16	10.375	1402	1409	1411	rBV	133925	120612	3.39%	0.318%
17	10.486	1424	1428	1434	rBV	43159	54493	1.53%	0.143%
18	10.598	1441	1447	1450	rBV	53527	71128	2.00%	0.187%
19	10.722	1464	1468	1473	rBV	1575225	1449622	40.69%	3.816%
20	10.845	1487	1489	1499	rVB	135959	163678	4.59%	0.431%
21	11.298	1563	1566	1569	rBV2	115312	98274	2.76%	0.259%
22	11.327	1569	1571	1577	rVB2	60766	67305	1.89%	0.177%
23	11.427	1584	1588	1591	rBV	1693441	1581580	44.39%	4.164%
24	11.451	1591	1592	1595	rVV	384776	247171	6.94%	0.651%
25	11.504	1598	1601	1604	rVB	102499	88911	2.50%	0.234%
26	11.657	1623	1627	1631	rBV3	30036	45604	1.28%	0.120%
27	11.733	1637	1640	1642	rBV	105088	90935	2.55%	0.239%
28	11.757	1642	1644	1649	rVB3	50528	56322	1.58%	0.148%
29	11.839	1654	1658	1661	rBV	1460050	1192993	33.49%	3.141%
30	11.951	1674	1677	1678	rBV	53027	46954	1.32%	0.124%
31	11.974	1678	1681	1685	rVB	428736	367029	10.30%	0.966%
32	12.069	1693	1697	1699	rBV	108668	115136	3.23%	0.303%
33	12.163	1711	1713	1717	rVB	69440	59698	1.68%	0.157%
34	12.263	1727	1730	1732	rBV2	56610	70001	1.96%	0.184%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

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-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.539	1774	1777	1780	rBV2	44610	52077	1.46%	0.137%
36	12.580	1780	1784	1786	rBV	3257205	3562713	100.00%	9.379%
37	12.604	1786	1788	1791	rVB	3844337	3068152	86.12%	8.077%
38	12.698	1800	1804	1805	rBV	568107	579383	16.26%	1.525%
39	12.716	1805	1807	1810	rVV	760879	685972	19.25%	1.806%
40	12.745	1810	1812	1822	rVV3	157214	276941	7.77%	0.729%
41	12.833	1824	1827	1834	rVB3	124048	152205	4.27%	0.401%
42	12.968	1844	1850	1854	rBV	672630	862413	24.21%	2.270%
43	13.010	1855	1857	1867	rVB4	79323	146616	4.12%	0.386%
44	13.139	1875	1879	1883	rBV	2405811	2225036	62.45%	5.858%
45	13.351	1911	1915	1919	rBV2	112016	194156	5.45%	0.511%
46	13.433	1926	1929	1934	rBV2	158468	209054	5.87%	0.550%
47	13.474	1934	1936	1939	rBV	55111	56438	1.58%	0.149%
48	13.545	1945	1948	1951	rBV2	89117	83081	2.33%	0.219%
49	14.433	2094	2099	2102	rBV2	1357408	1685624	47.31%	4.438%
50	14.463	2102	2104	2107	rVB	276909	244469	6.86%	0.644%
51	15.815	2331	2334	2337	rBV	186351	257999	7.24%	0.679%
52	16.315	2414	2419	2422	rBV	924714	1158386	32.51%	3.050%

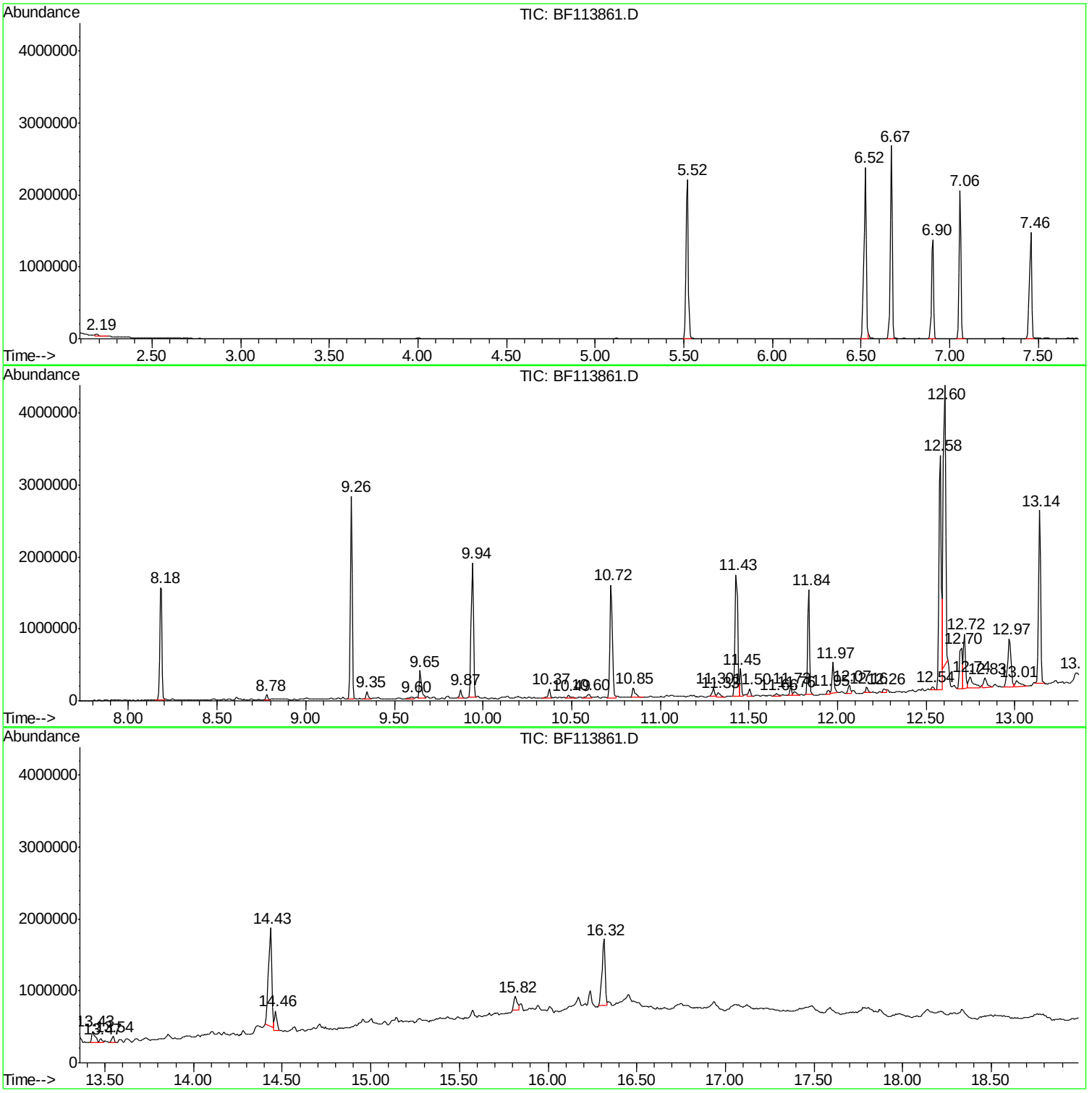
Sum of corrected areas: 37984602

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

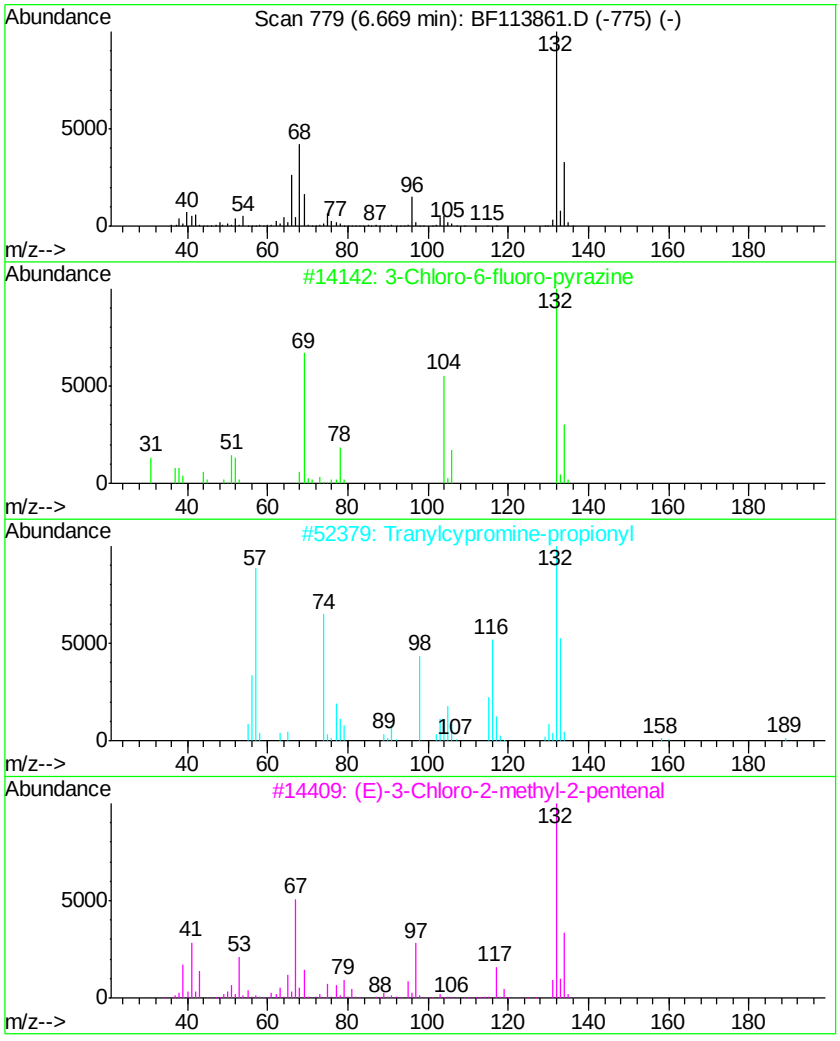
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

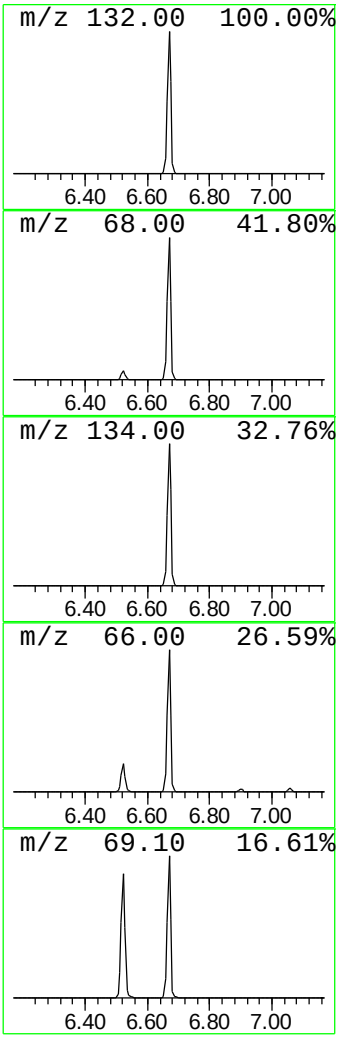
****

Peak Number 1 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	37.63 ng	2223200	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

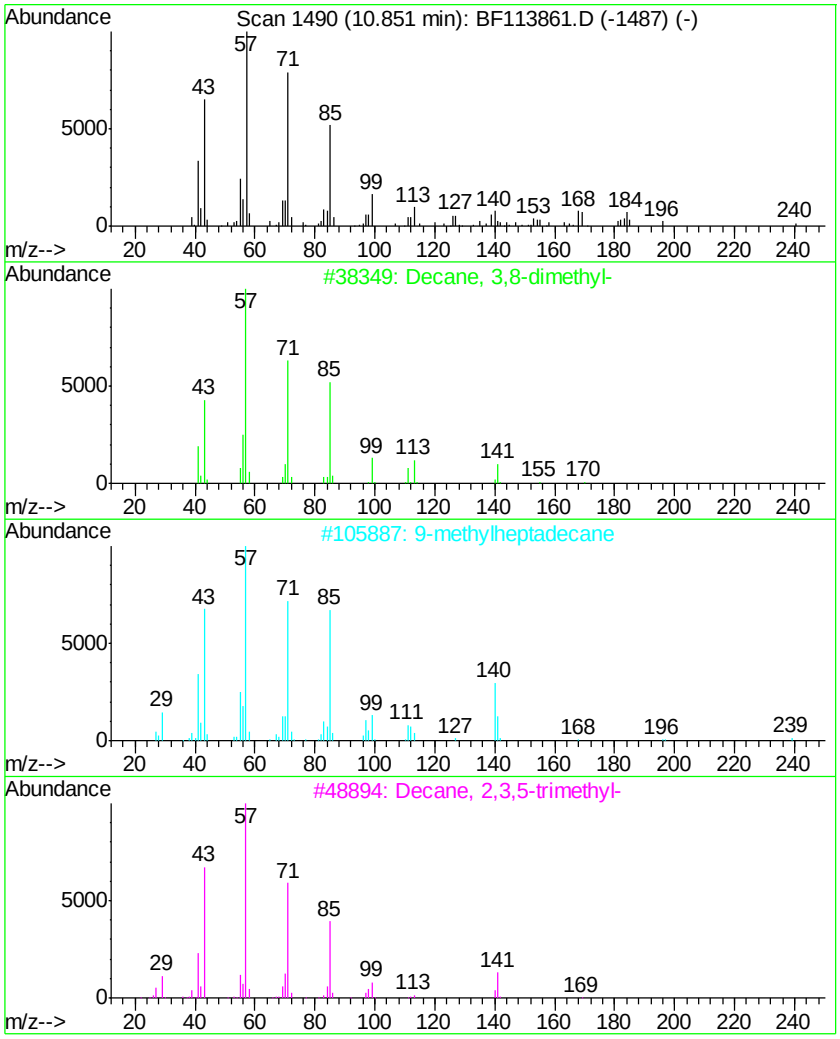
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

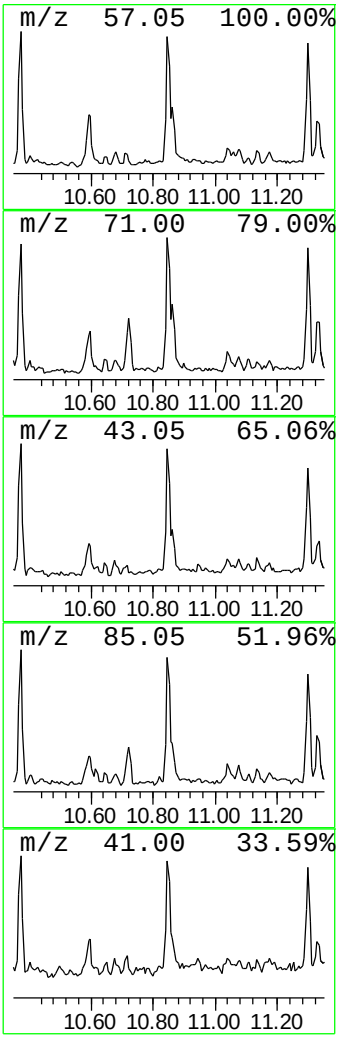
****

Peak Number 3 Decane, 3,8-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.07 ng	163678	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	9-methylheptadecane	254	C18H38	026741-18-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

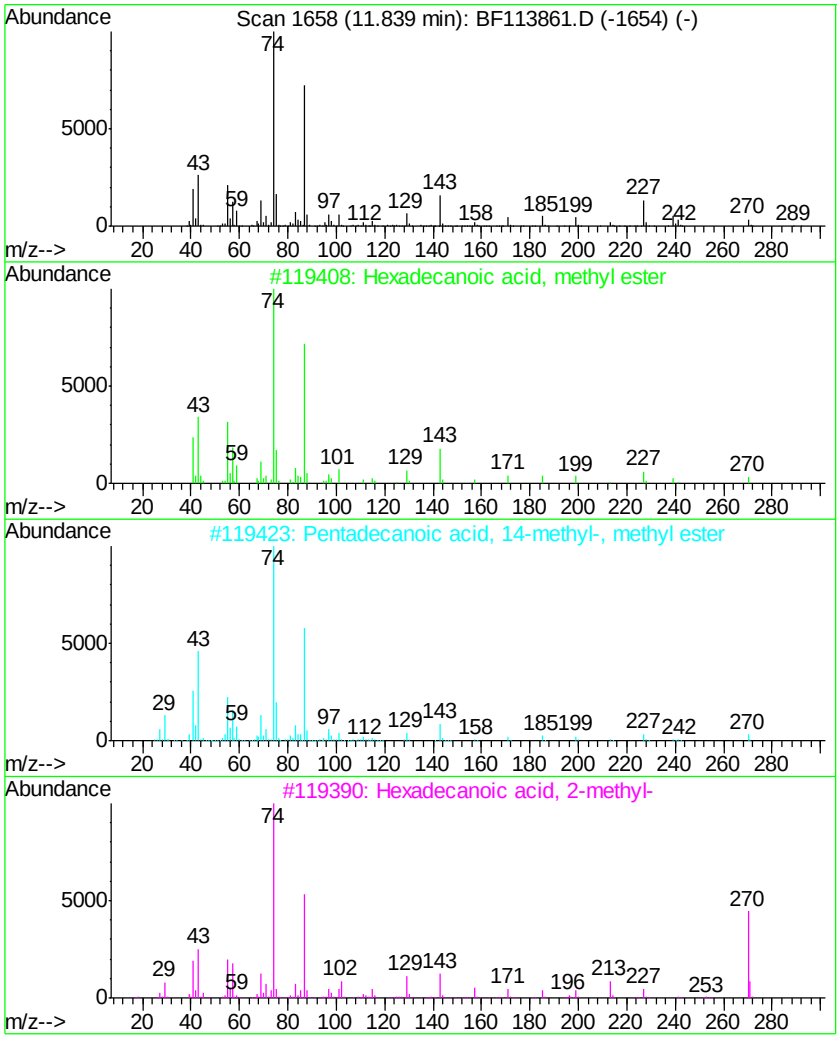
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

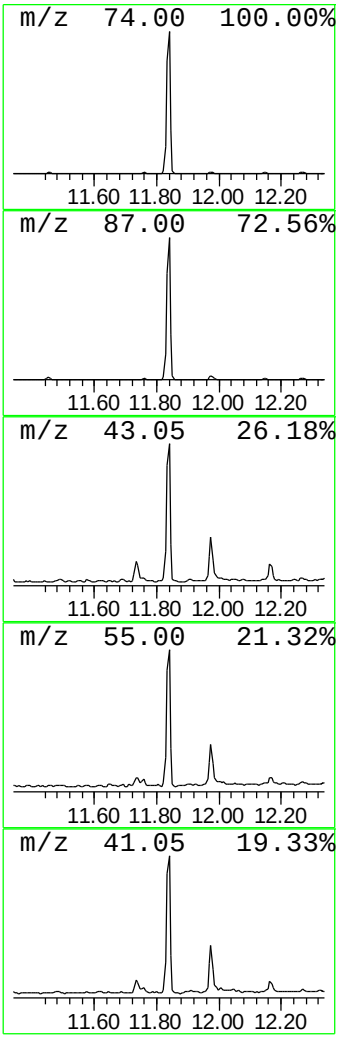
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	15.09 ng	1192990	Phenanthrene-d10	11.43

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	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

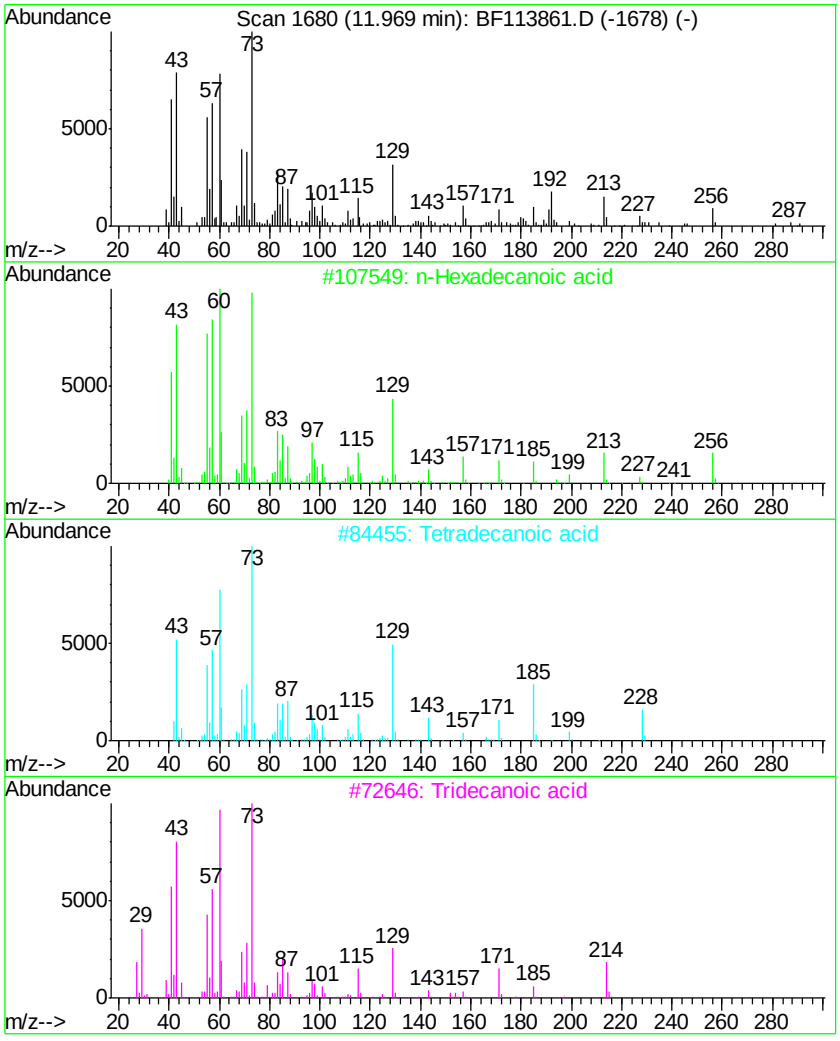
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

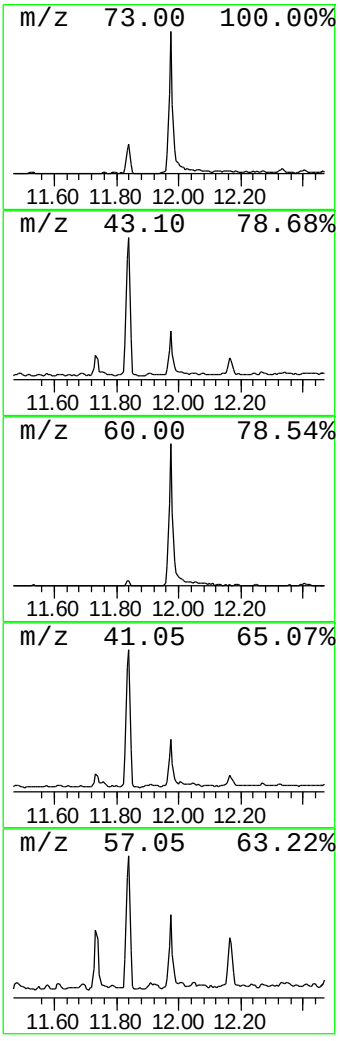
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.64 ng	367029	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

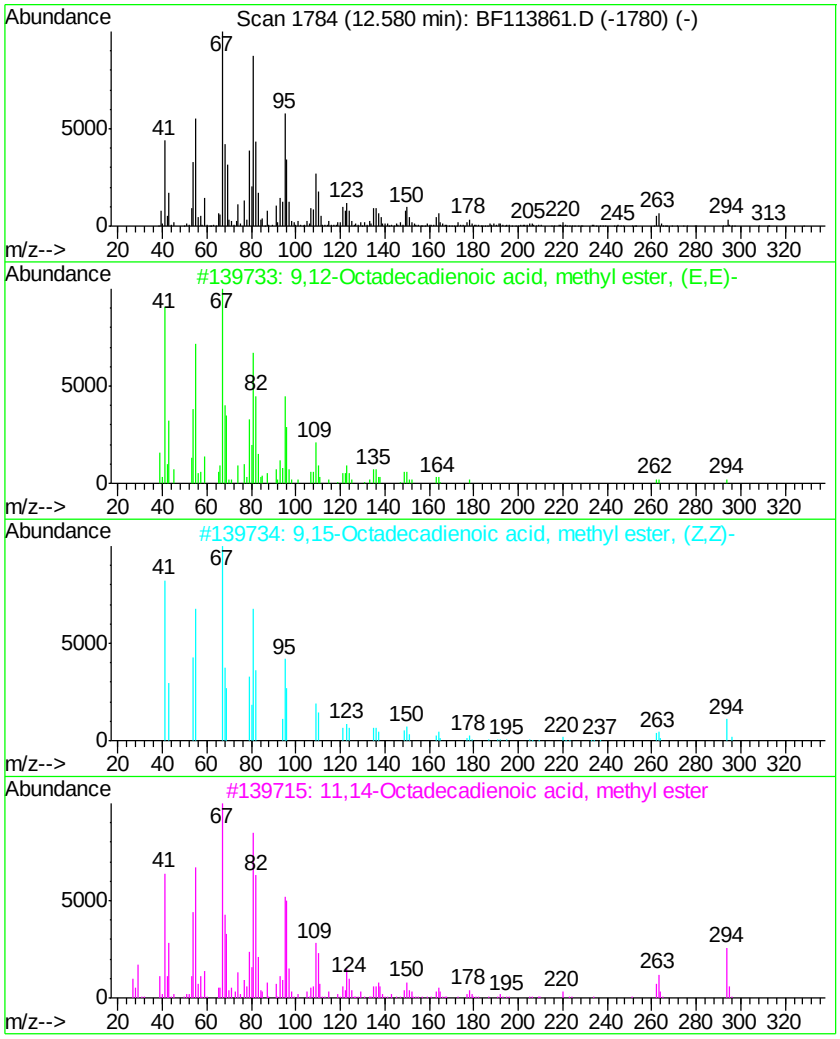
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

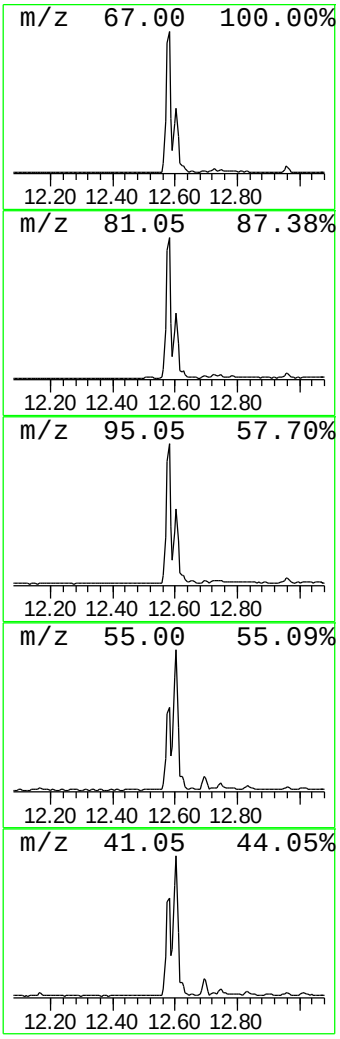
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	45.05 ng	3562710	Phenanthrene-d10	11.43

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	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

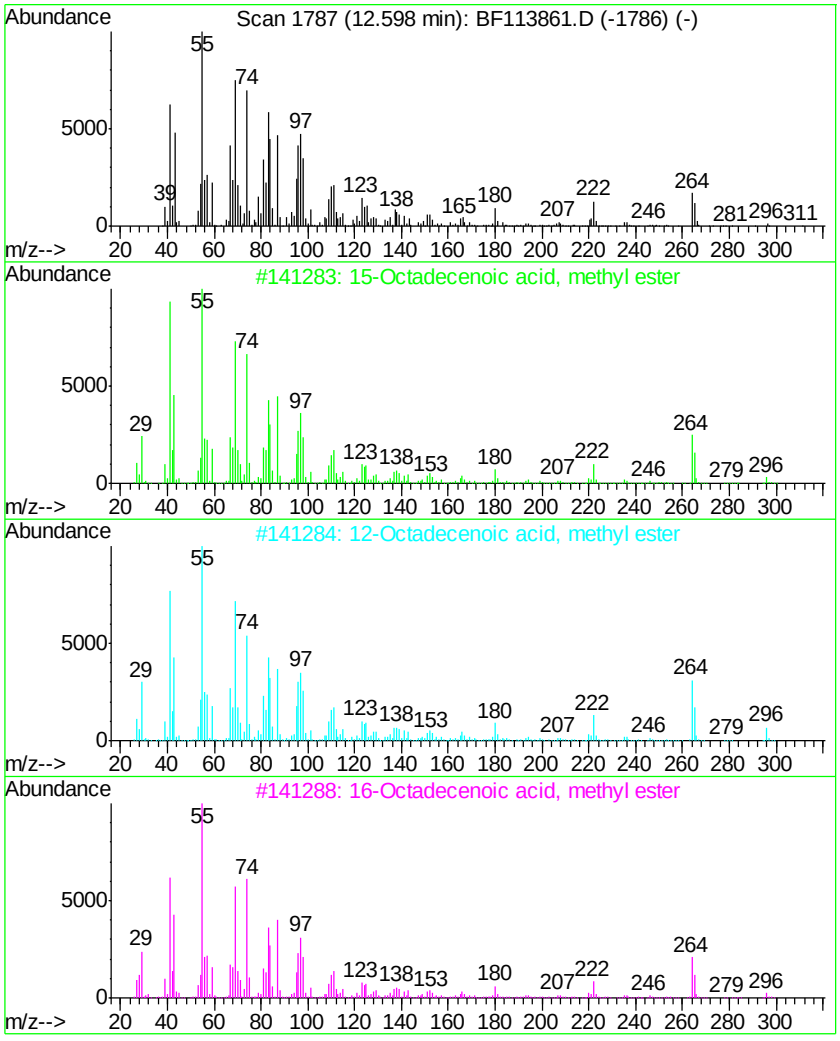
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

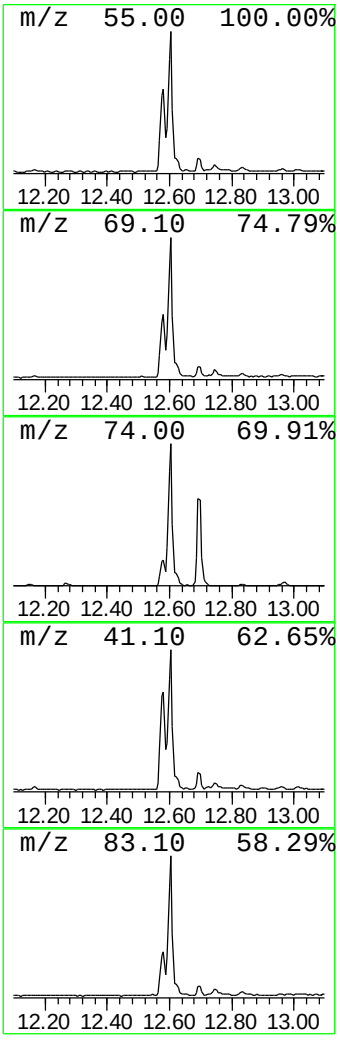
****

Peak Number 7 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	38.80 ng	3068150	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

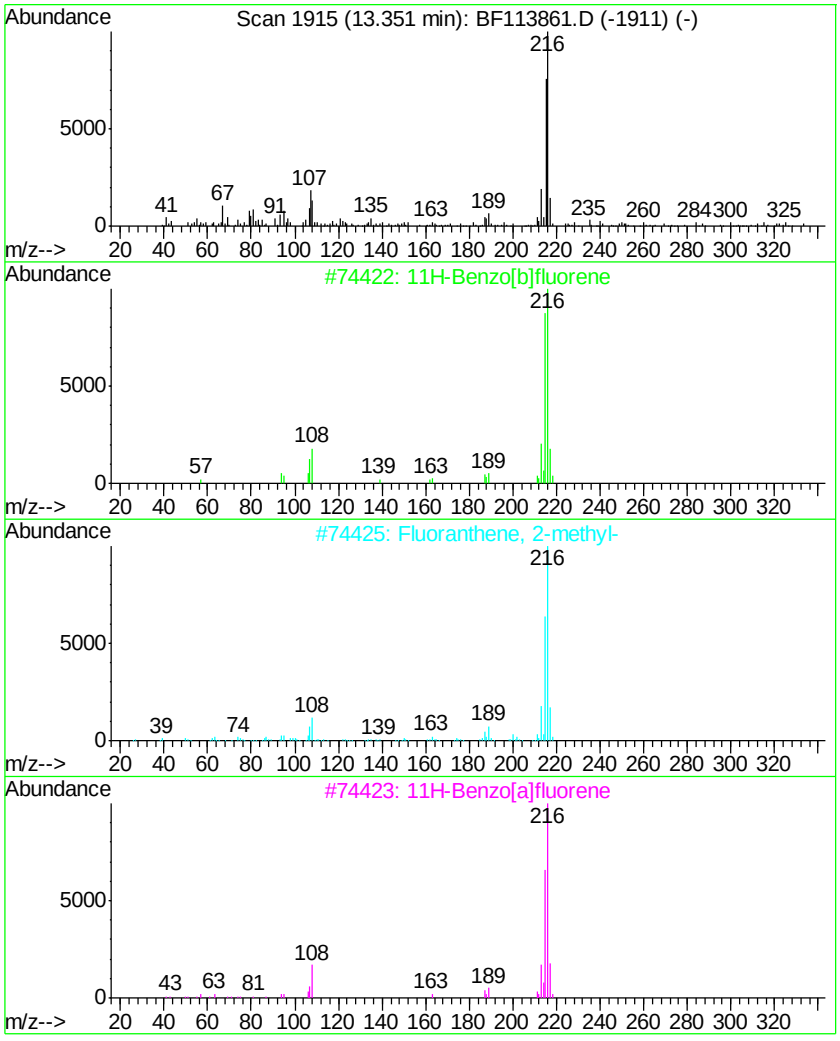
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

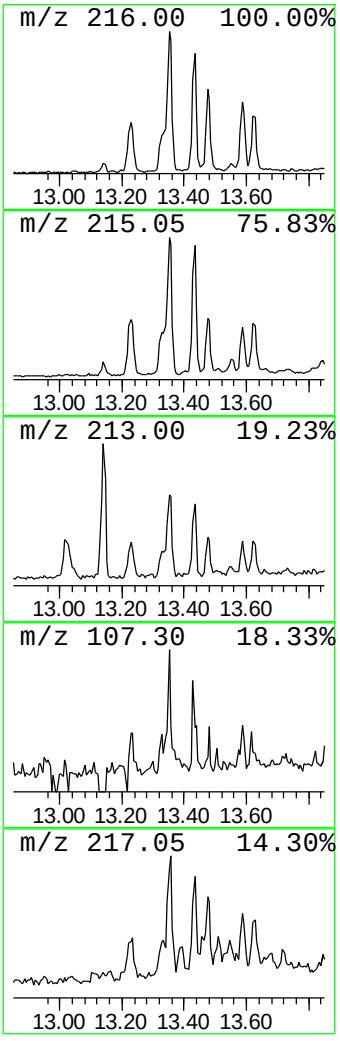
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.30 ng	194156	Chrysene-d12	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

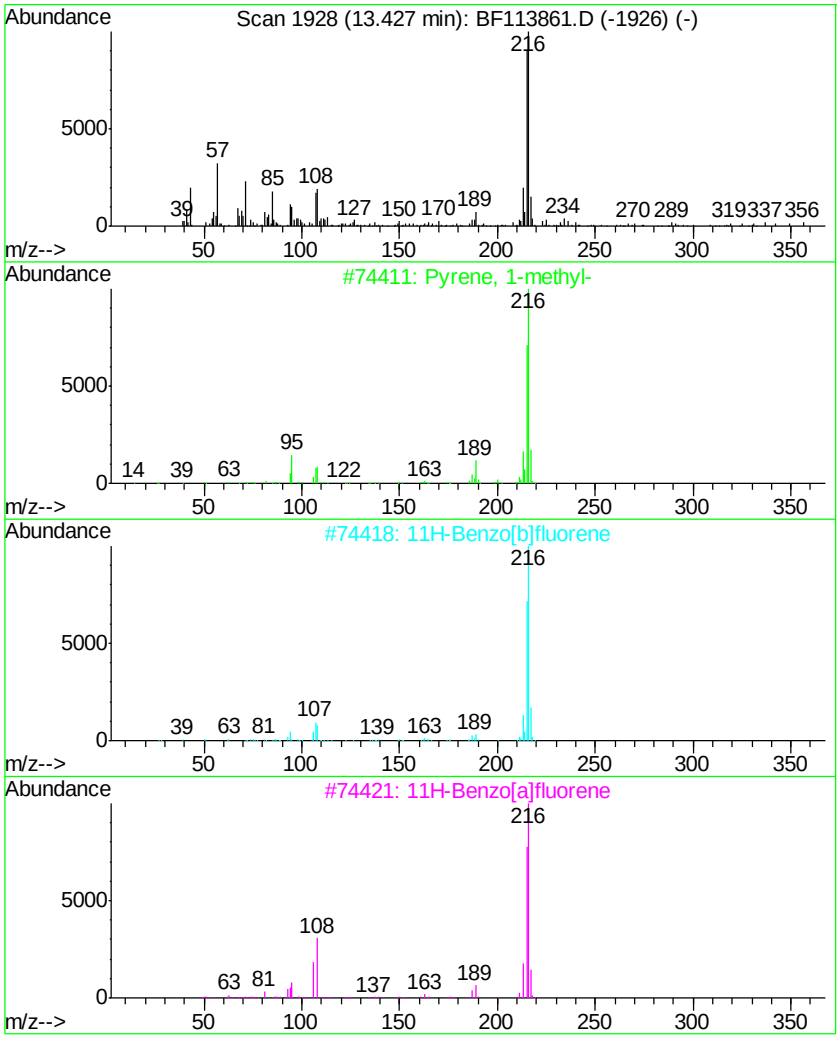
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

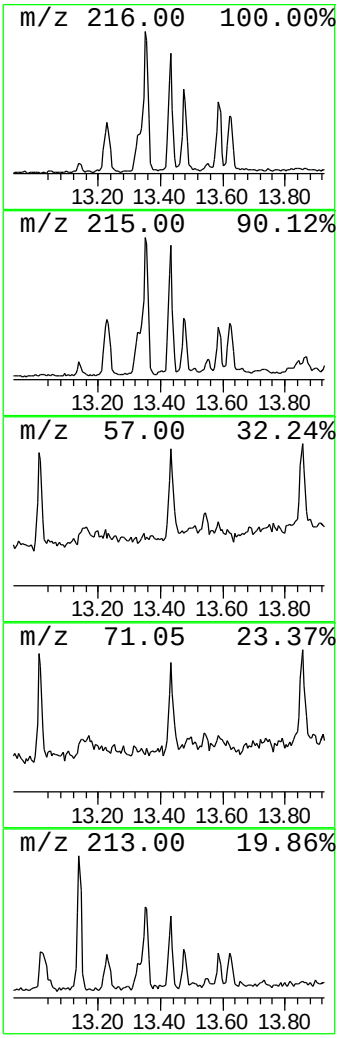
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.48 ng	209054	Chrysene-d12	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113861.D
Acq On : 19 Apr 2019 16:29
Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.67	6.67	37.6	ng	2223200	1	6.90	1181520	20.0
Decane, 3,8-dimet...	10.85	2.1	ng	163678	4	11.43	1581580	20.0
Hexadecanoic acid...	11.84	15.1	ng	1192990	4	11.43	1581580	20.0
n-Hexadecanoic acid	11.97	4.6	ng	367029	4	11.43	1581580	20.0
9,12-Octadecadien...	12.58	45.0	ng	3562710	4	11.43	1581580	20.0
15-Octadecenoic a...	12.60	38.8	ng	3068150	4	11.43	1581580	20.0
11H-Benzo[b]fluorene	13.35	2.3	ng	194156	5	14.43	1685620	20.0
Pyrene, 1-methyl-	13.43	2.5	ng	209054	5	14.43	1685620	20.0