LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113317.D
Acq On : 27 Mar 2019 3:45
Operator : JU/SJ
Sample : K1693-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-B

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-BF032519.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	5.310	545	548	561	rBV	647793	699643	46.72%	3.962%
2	6.340	720	723	738	rBV	753670	836339	55.85%	4.736%
3	6.469	742	745	755	rBV	876333	790467	52.79%	4.476%
4	6.698	781	784	798	rBV	901138	878891	58.69%	4.977%
5	6.857	807	811	824	rVB	727343	615887	41.13%	3.487%
6	7.263	876	880	887	rBV	404380	447058	29.86%	2.531%
7	7.981	999	1002	1010	rBV	1034874	1051344	70.21%	5.953%
8	9.057	1181	1185	1195	rBV	910831	819900	54.76%	4.643%
9	9.151	1197	1201	1208	rVB3	19944	24673	1.65%	0.140%
10	9.451	1249	1252	1257	rBV2	24596	34601	2.31%	0.196%
11	9.592	1272	1276	1281	rBV	21192	22563	1.51%	0.128%
12	9.675	1288	1290	1294	rBV2	21399	20508	1.37%	0.116%
13	9.733	1296	1300	1304	rVV	1044952	985432	65.81%	5.580%
14	9.763	1304	1305	1312	rVB	53639	41008	2.74%	0.232%
15	9.939	1332	1335	1337	rBV	21615	20657	1.38%	0.117%
16	10.175	1371	1375	1380	rVB3	26737	24194	1.62%	0.137%
17	10.280	1390	1393	1399	rBV	38754	45371	3.03%	0.257%
18	10.516	1430	1433	1446	rVB	395919	404041	26.98%	2.288%
19	10.645	1452	1455	1460	rBV	44269	54853	3.66%	0.311%
20	10.828	1482	1486	1488	rBV3	15866	20306	1.36%	0.115%
21	11.092	1528	1531	1532	rVV	32841	33262	2.22%	0.188%
22	11.110	1532	1534	1539	rVB3	24841	37745	2.52%	0.214%
23	11.210	1547	1551	1553	rBV	1044277	900919	60.17%	5.101%
24	11.233	1553	1555	1561	rVV	360095	321150	21.45%	1.818%
25	11.286	1561	1564	1568	rVB	99069	92254	6.16%	0.522%
26	11.445	1586	1591	1594	rBV	36755	44348	2.96%	0.251%
27	11.510	1599	1602	1605	rVV2	33186	36691	2.45%	0.208%
28	11.539	1605	1607	1614	rVV7	12957	20676	1.38%	0.117%
29	11.610	1616	1619	1626	rVB	125664	115846	7.74%	0.656%
30	11.710	1632	1636	1639	rBV	53266	58095	3.88%	0.329%
31	11.739	1639	1641	1646	rVV2	80648	88057	5.88%	0.499%
32	11.786	1646	1649	1652	rVB	25039	19279	1.29%	0.109%
33	11.822	1652	1655	1657	rBV	111808	105446	7.04%	0.597%
34	11.916	1665	1671	1674	rBV3	44403	66253	4.42%	0.375%

LSC Area Percent Report

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Data File : BF113317.D
Acq On : 27 Mar 2019 3:45
Operator : JU/SJ
Sample : K1693-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-B

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1684	1686	1689	rBV	33135	32656	2.18%	0.185%
36	12.033	1689	1691	1695	rVB2	34720	31090	2.08%	0.176%
37	12.186	1714	1717	1719	rBV2	15290	17507	1.17%	0.099%
38	12.257	1726	1729	1732	rBV	45234	49625	3.31%	0.281%
39	12.292	1732	1735	1737	rVV	411340	393247	26.26%	2.227%
40	12.316	1737	1739	1741	rVV	355344	299718	20.02%	1.697%
41	12.339	1741	1743	1748	rVB	52636	59228	3.96%	0.335%
42	12.416	1751	1756	1760	rBV	741666	683415	45.64%	3.870%
43	12.527	1772	1775	1779	rBV3	65083	97624	6.52%	0.553%
44	12.645	1789	1795	1798	rBV	594924	674191	45.02%	3.818%
45	12.786	1812	1819	1828	rBV	931822	884271	59.05%	5.007%
46	12.863	1829	1832	1835	rBV3	42939	53426	3.57%	0.303%
47	12.951	1844	1847	1848	rBV2	40527	43704	2.92%	0.247%
48	12.969	1848	1850	1854	rVB	100151	96659	6.46%	0.547%
49	13.033	1858	1861	1864	rBV2	76996	87797	5.86%	0.497%
50	13.074	1865	1868	1871	rBV	74905	77641	5.19%	0.440%
51	13.163	1881	1883	1886	rVB	34809	30479	2.04%	0.173%
52	13.198	1886	1889	1892	rBV	43046	49623	3.31%	0.281%
53	13.374	1916	1919	1920	rBV2	33842	26613	1.78%	0.151%
54	13.480	1934	1937	1942	rVB	58801	58050	3.88%	0.329%
55	13.586	1952	1955	1958	rBV2	60915	72838	4.86%	0.412%
56	13.610	1958	1959	1962	rVB	47397	36296	2.42%	0.206%
57	13.639	1962	1964	1965	rBV	53855	42382	2.83%	0.240%
58	13.686	1970	1972	1976	rVB2	59067	78297	5.23%	0.443%
59	13.833	1992	1997	2000	rBV2	1248824	1497393	100.00%	8.479%
60	13.863	2000	2002	2005	rVB	310131	251333	16.78%	1.423%
61	13.939	2013	2015	2018	rVB	62444	52738	3.52%	0.299%
62	14.010	2025	2027	2032	rBV3	49600	53144	3.55%	0.301%
63	14.316	2077	2079	2082	rVB2	85245	67692	4.52%	0.383%
64	14.610	2126	2129	2131	rBV	108861	115961	7.74%	0.657%
65	14.845	2165	2169	2172	rBV	329148	486046	32.46%	2.752%
66	15.121	2213	2216	2222	rVB	169892	209436	13.99%	1.186%
67	15.180	2223	2226	2231	rVB	244062	286883	19.16%	1.624%
68	15.239	2232	2236	2239	rBV	743123	885776	59.15%	5.016%

Sum of corrected areas: 17660536

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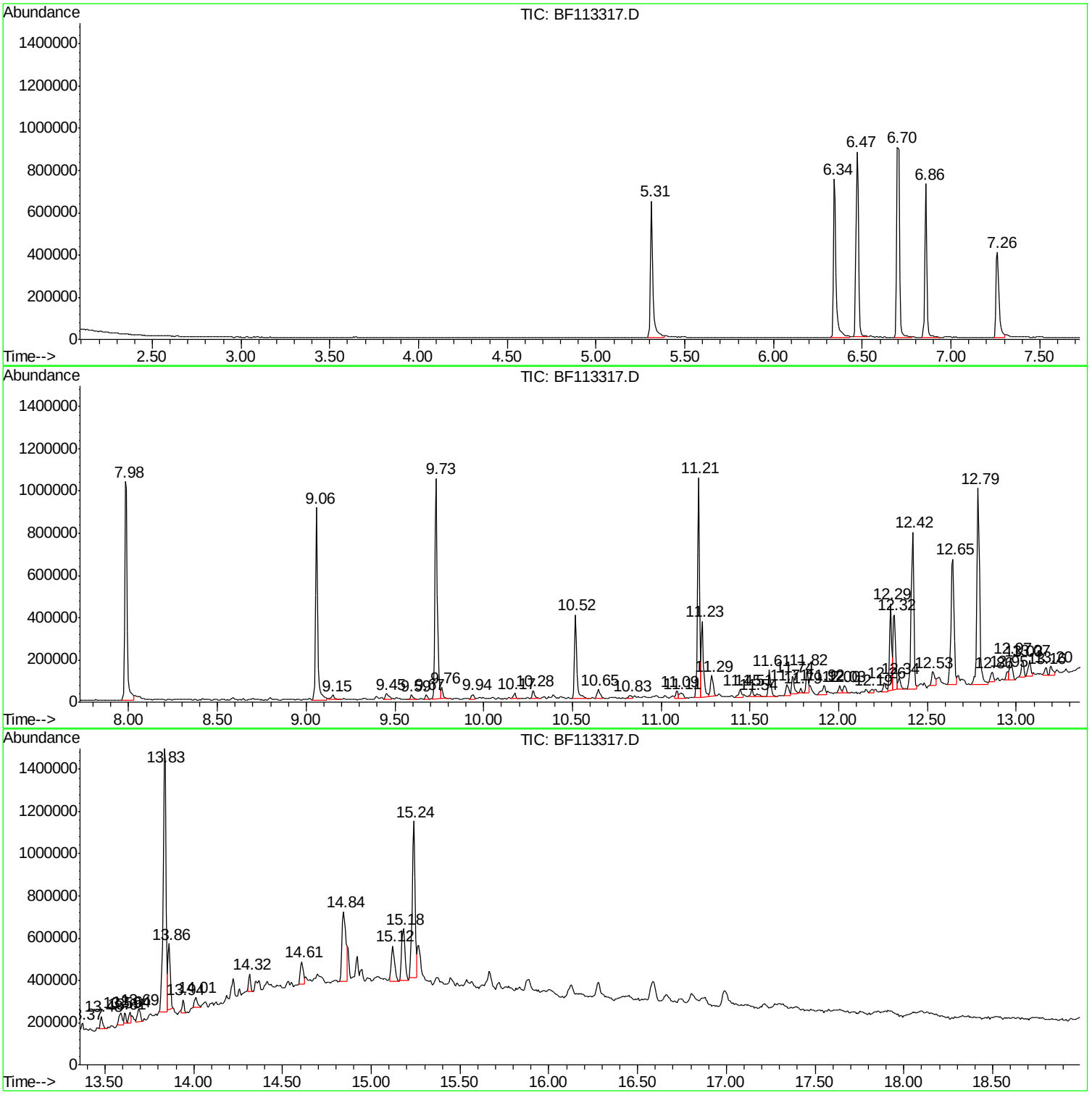
Instrument :
BNA_F
ClientSampleId :
OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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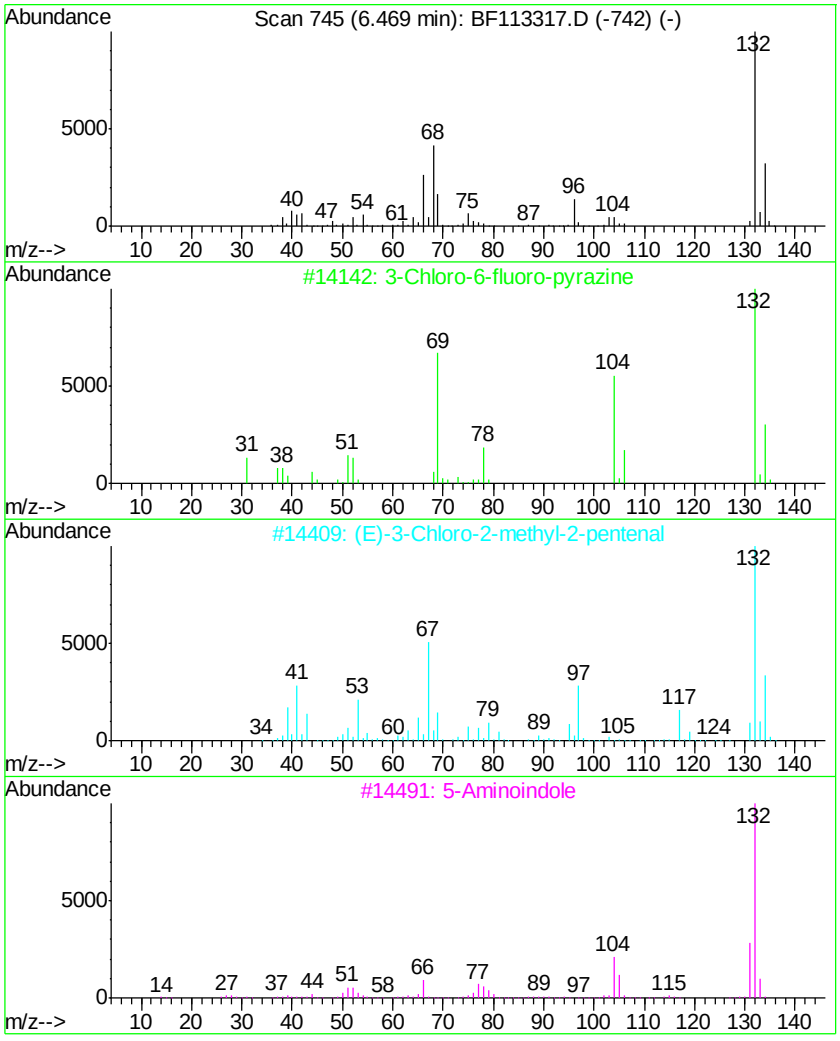
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

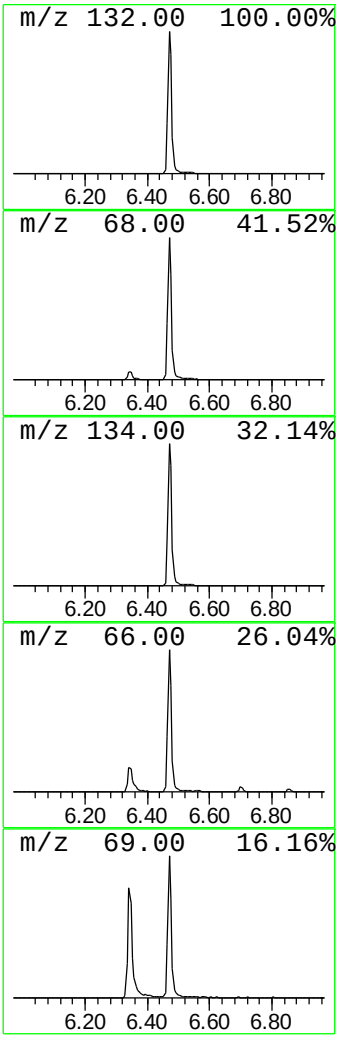
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	17.99 ng	790467	1,4-Dichlorobenzene-d4	6.70

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

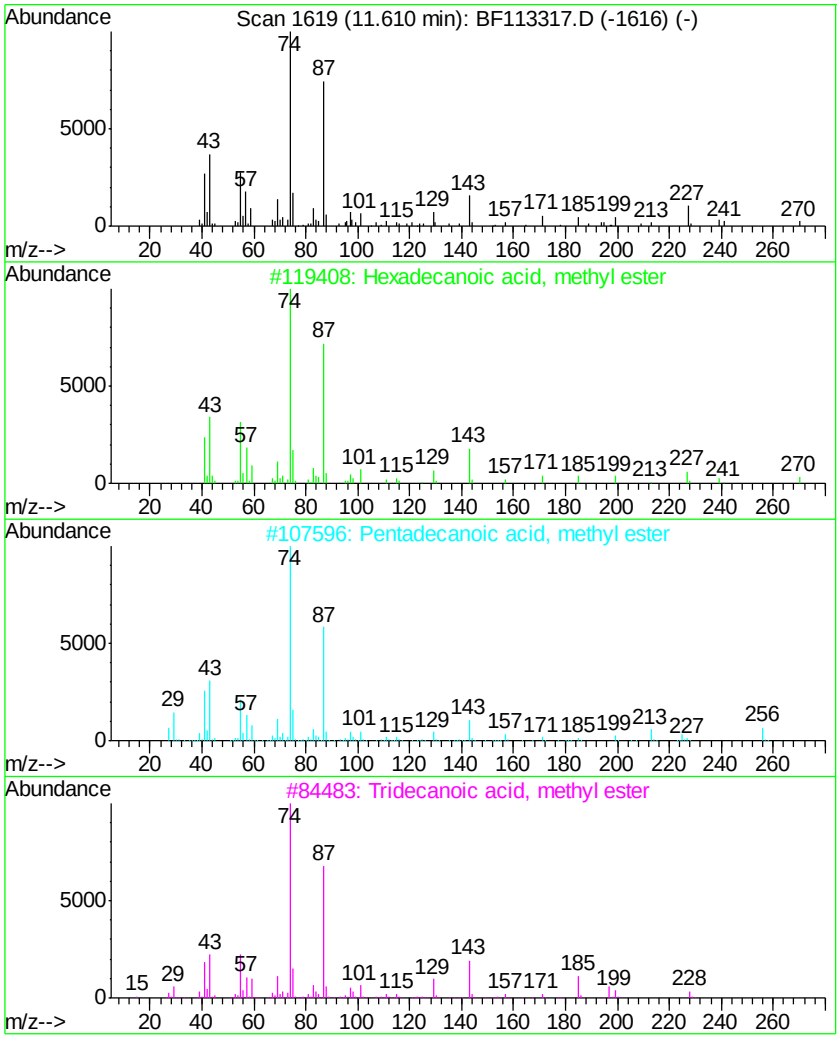
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

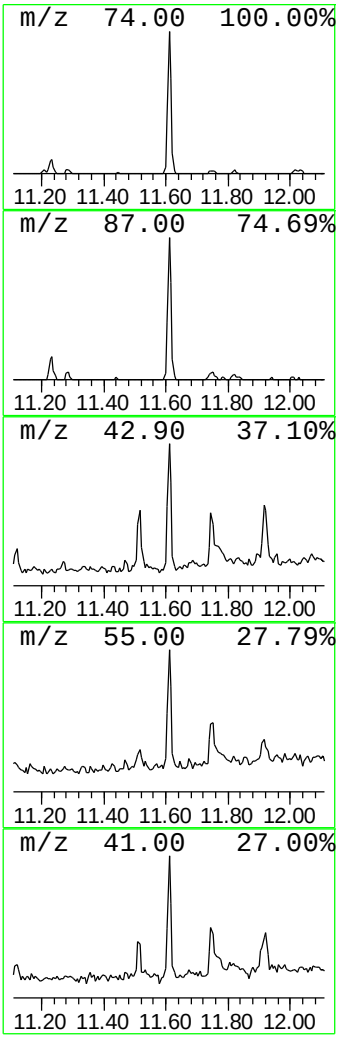
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.57 ng	115846	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

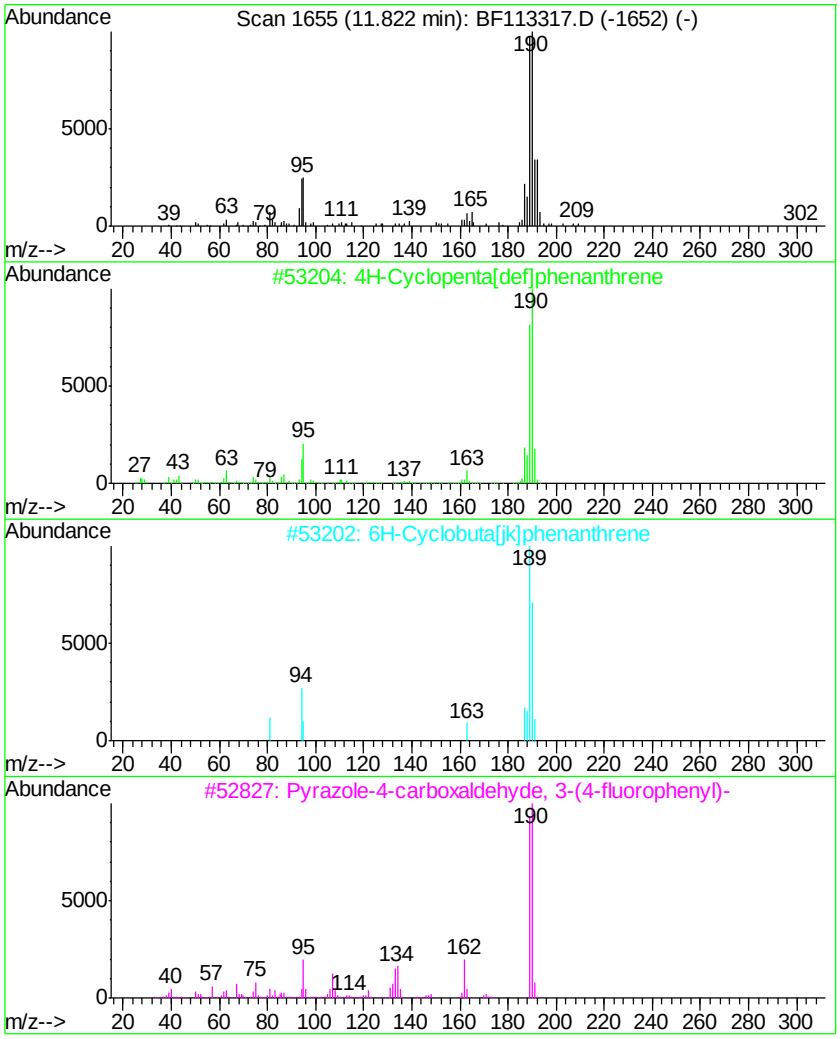
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

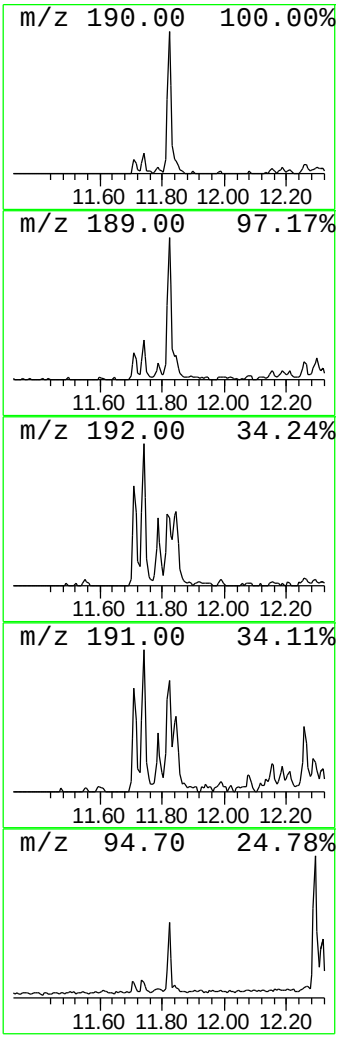
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.34 ng	105446	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

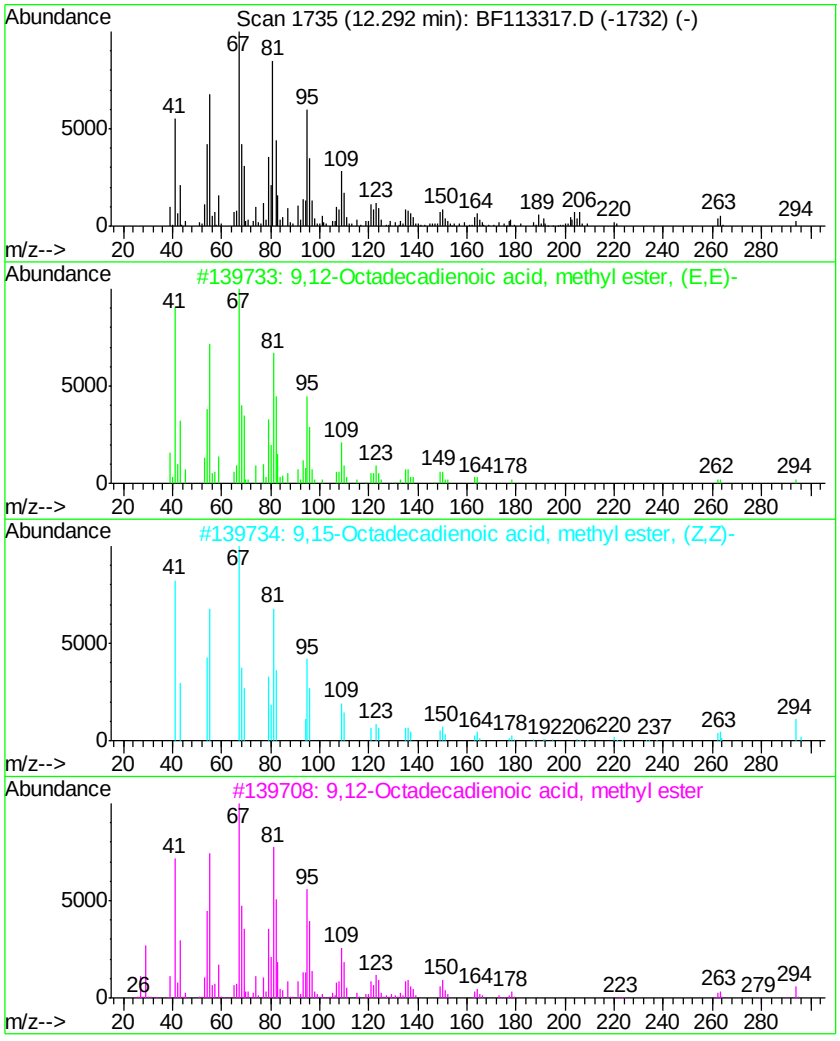
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

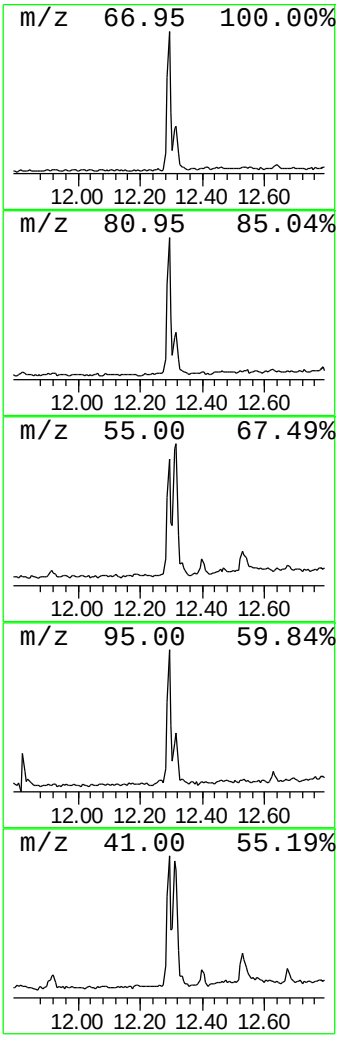
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.73 ng	393247	Phenanthrene-d10	11.21

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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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Instrument : BNA_F
ClientSampleId : OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

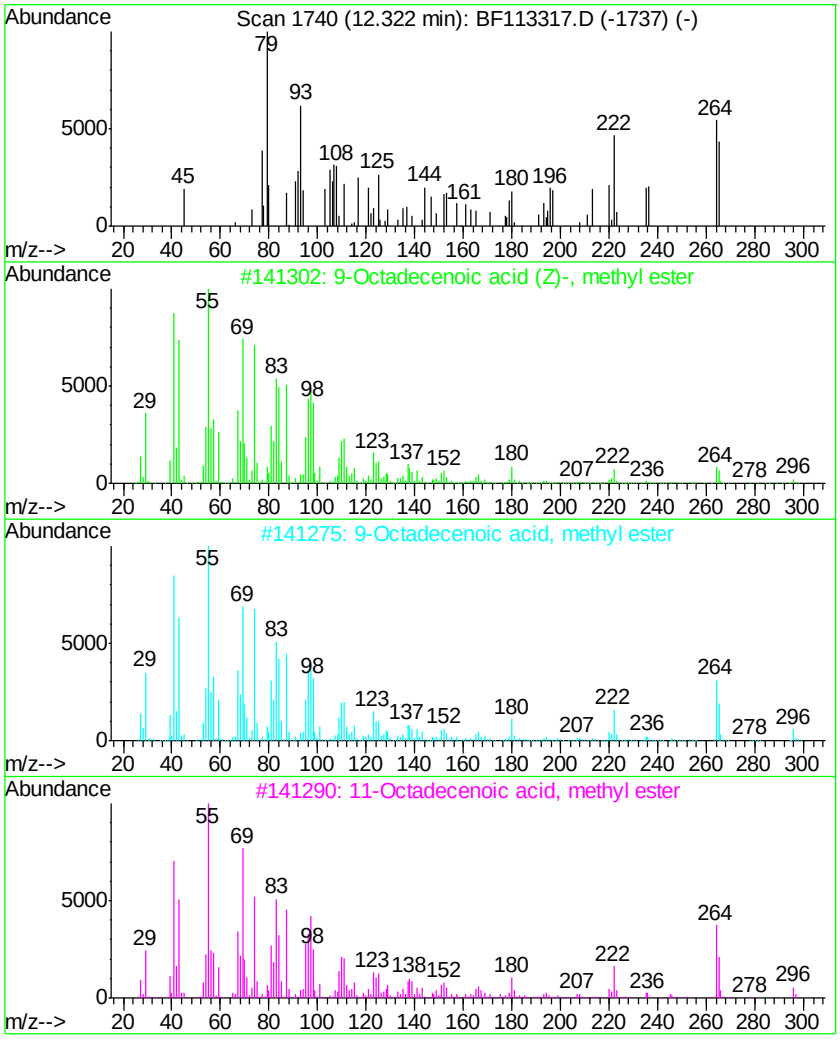
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

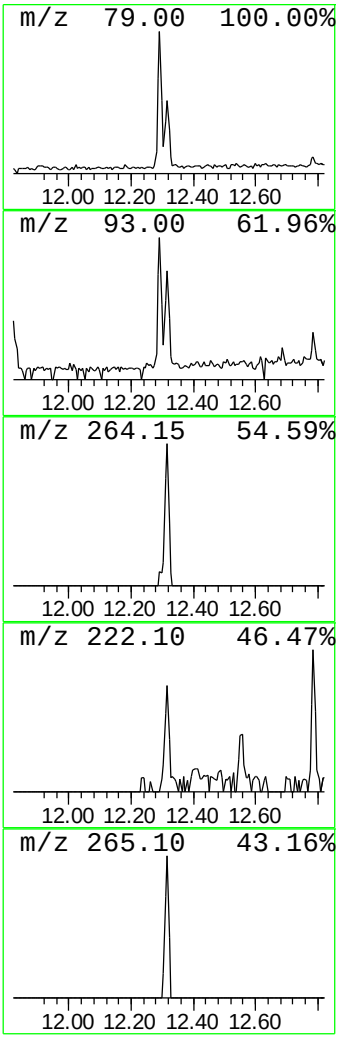
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.65 ng	299718	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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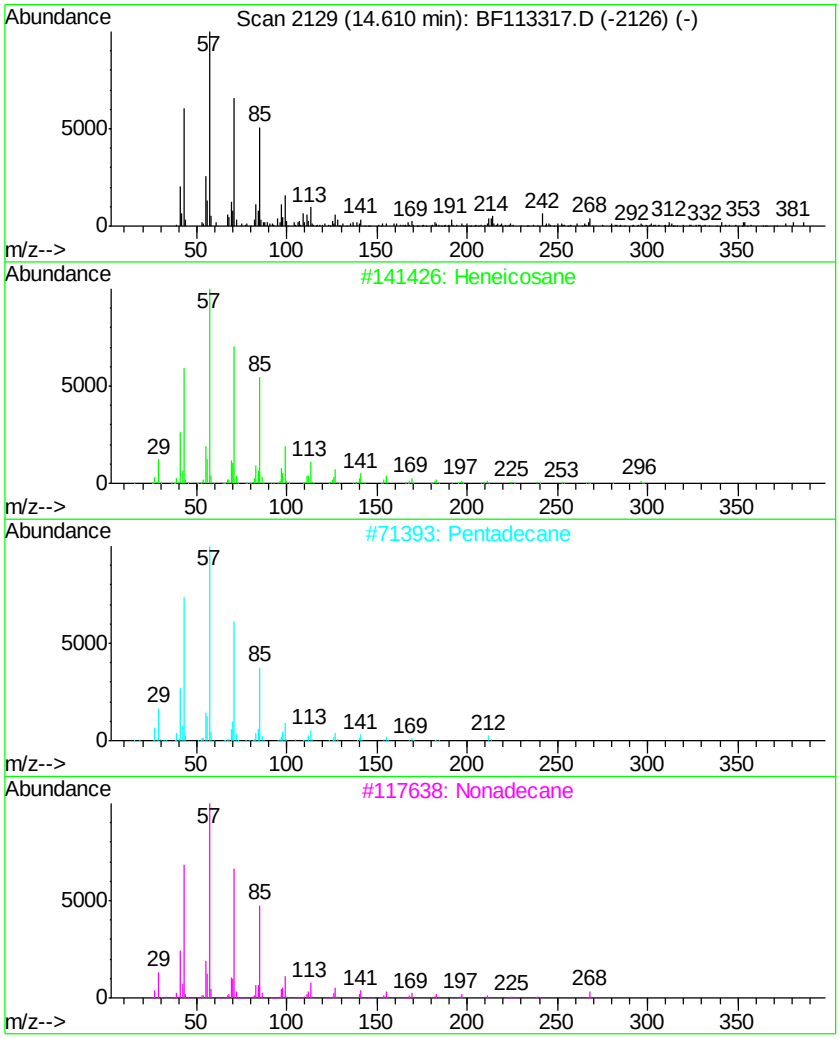
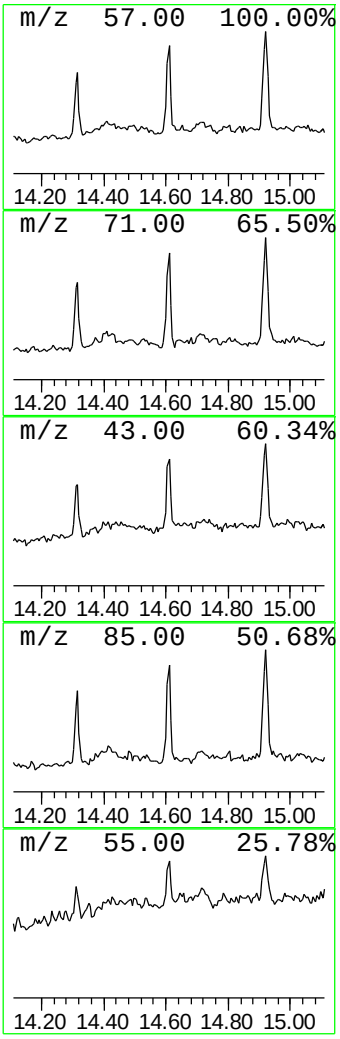
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.62 ng	115961	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Pentadecane	212	C15H32	000629-62-9	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113317.D
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Instrument : BNA_F
ClientSampleId : OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

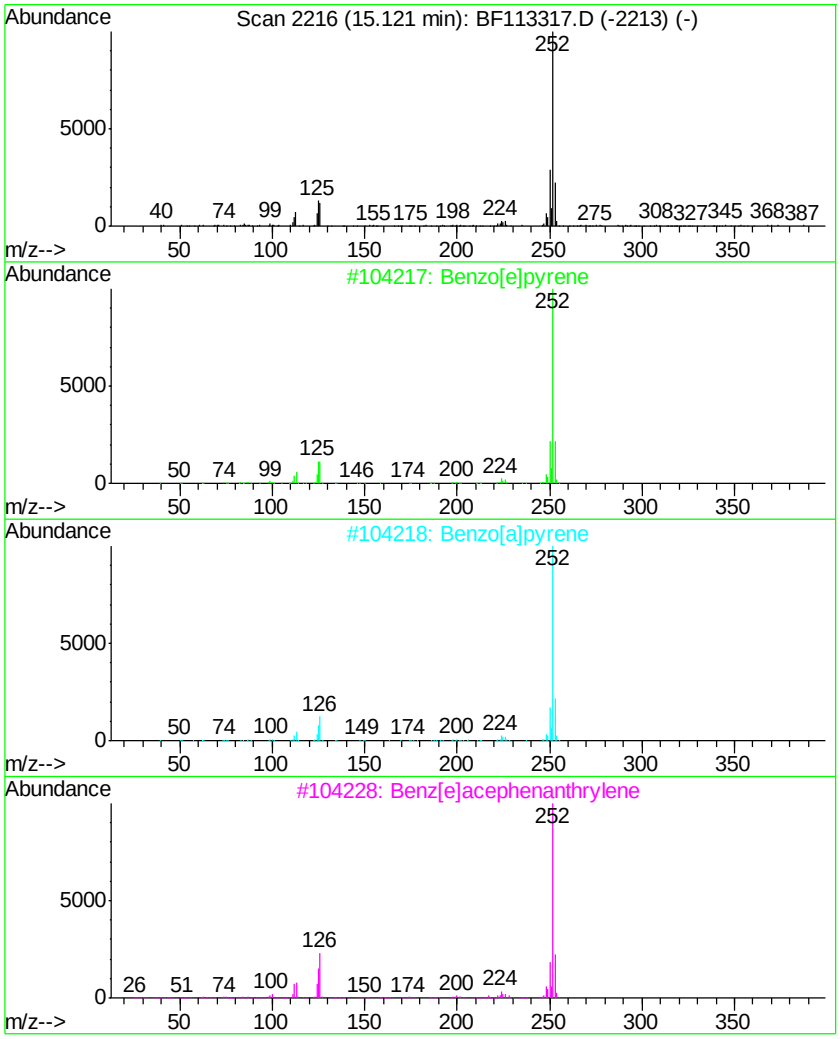
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

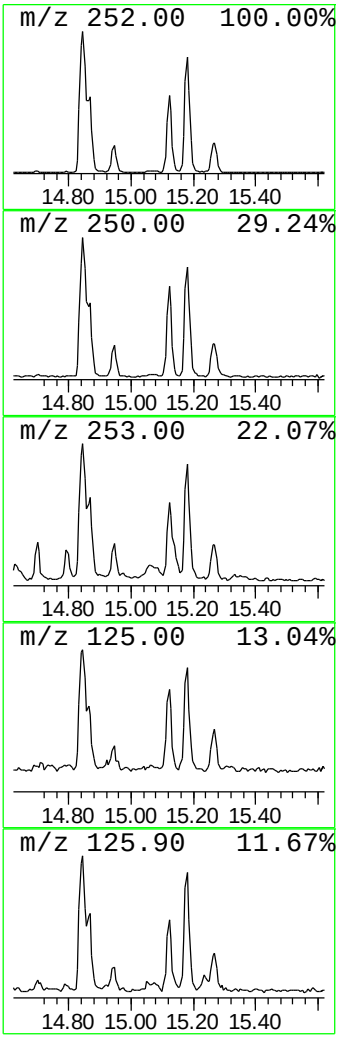
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.73 ng	209436	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113317.D
Acq On : 27 Mar 2019 3:45
Operator : JU/SJ
Sample : K1693-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	18.0	ng	790467	1	6.70	878891	20.0
Hexadecanoic acid...	11.61	2.6	ng	115846	4	11.21	900919	20.0
4H-Cyclopenta[def...	11.82	2.3	ng	105446	4	11.21	900919	20.0
9,12-Octadecadien...	12.29	8.7	ng	393247	4	11.21	900919	20.0
9-Octadecenoic ac...	12.32	6.7	ng	299718	4	11.21	900919	20.0
Heneicosane	14.61	2.6	ng	115961	6	15.24	885776	20.0
Benzo[e]pyrene	15.12	4.7	ng	209436	6	15.24	885776	20.0