LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113320.D
Acq On : 27 Mar 2019 5:12
Operator : JU/SJ
Sample : K1693-13 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-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-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	5.316	545	549	567	rBV	284709	373424	26.06%	2.652%
2	6.345	721	724	742	rBV	339710	419664	29.29%	2.981%
3	6.475	742	746	757	rVV	443575	413292	28.84%	2.935%
4	6.704	781	785	792	rBV	846180	769912	53.73%	5.468%
5	6.857	808	811	822	rBV	368696	325982	22.75%	2.315%
6	7.263	876	880	887	rBV	196761	207370	14.47%	1.473%
7	7.986	999	1003	1005	rBV	919780	848626	59.22%	6.027%
8	8.698	1121	1124	1135	rVB	48145	58406	4.08%	0.415%
9	8.798	1135	1141	1150	rVB	37260	48220	3.37%	0.342%
10	9.057	1182	1185	1196	rBV	409864	393747	27.48%	2.797%
11	9.151	1198	1201	1207	rVB3	20758	29432	2.05%	0.209%
12	9.327	1226	1231	1237	rBV	15584	23274	1.62%	0.165%
13	9.398	1239	1243	1245	rBV	25137	26802	1.87%	0.190%
14	9.422	1245	1247	1250	rVB	18412	15451	1.08%	0.110%
15	9.516	1260	1263	1268	rVB3	10552	15455	1.08%	0.110%
16	9.680	1287	1291	1295	rVB	17824	17115	1.19%	0.122%
17	9.733	1295	1300	1303	rBV	985144	887528	61.94%	6.304%
18	9.763	1303	1305	1312	rVB	140384	132842	9.27%	0.943%
19	9.939	1332	1335	1340	rBV	84115	82389	5.75%	0.585%
20	10.174	1372	1375	1378	rVB2	19025	16212	1.13%	0.115%
21	10.280	1390	1393	1399	rBV	160635	148272	10.35%	1.053%
22	10.439	1417	1420	1424	rVB	23900	23298	1.63%	0.165%
23	10.521	1430	1434	1447	rBV	248738	283691	19.80%	2.015%
24	10.645	1452	1455	1461	rVB	29365	31142	2.17%	0.221%
25	10.827	1480	1486	1488	rBV2	24026	30760	2.15%	0.218%
26	11.092	1529	1531	1532	rBV	20732	16612	1.16%	0.118%
27	11.110	1532	1534	1539	rVB	44888	48753	3.40%	0.346%
28	11.210	1548	1551	1553	rBV	1062350	946066	66.02%	6.719%
29	11.233	1553	1555	1560	rVV	814798	744177	51.93%	5.285%
30	11.286	1561	1564	1568	rVV	220568	211572	14.77%	1.503%
31	11.327	1568	1571	1574	rVB4	11957	17605	1.23%	0.125%
32	11.445	1586	1591	1594	rBV	60663	70982	4.95%	0.504%
33	11.515	1599	1603	1606	rBV3	24217	24652	1.72%	0.175%
34	11.616	1616	1620	1625	rVB2	50856	51767	3.61%	0.368%

LSC Area Percent Report

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Sample : K1693-13 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032519-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

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Peak separation: 5

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

35	11.715	1633	1637	1639	rBV	62074	68454	4.78%	0.486%
36	11.739	1639	1641	1645	rVB	81038	77502	5.41%	0.550%
37	11.786	1647	1649	1652	rVB	29977	25075	1.75%	0.178%
38	11.821	1652	1655	1658	rBV	125968	129105	9.01%	0.917%
39	11.921	1669	1672	1674	rBV	31669	24641	1.72%	0.175%
40	12.004	1683	1686	1689	rBV	45260	46120	3.22%	0.328%
41	12.033	1689	1691	1696	rVB5	19643	20787	1.45%	0.148%
42	12.186	1714	1717	1719	rBV2	19356	17586	1.23%	0.125%
43	12.263	1726	1730	1732	rBV	39487	43355	3.03%	0.308%
44	12.292	1732	1735	1737	rVV	229997	208287	14.54%	1.479%
45	12.315	1737	1739	1742	rVV2	203505	171752	11.99%	1.220%
46	12.345	1742	1744	1748	rVB3	25205	29193	2.04%	0.207%
47	12.415	1751	1756	1761	rBV	750641	753351	52.57%	5.351%
48	12.568	1780	1782	1786	rVB	19613	19138	1.34%	0.136%
49	12.645	1789	1795	1798	rBV	710529	712621	49.73%	5.061%
50	12.762	1813	1815	1816	rBV2	34366	28350	1.98%	0.201%
51	12.786	1816	1819	1828	rVB	536769	537766	37.53%	3.819%
52	12.868	1828	1833	1835	rBV3	40567	68851	4.80%	0.489%
53	12.951	1844	1847	1848	rBV2	27613	30657	2.14%	0.218%
54	12.974	1848	1851	1855	rVB	113023	105542	7.37%	0.750%
55	13.039	1858	1862	1865	rVV2	111967	121520	8.48%	0.863%
56	13.074	1866	1868	1876	rVB2	55759	75070	5.24%	0.533%
57	13.374	1916	1919	1921	rBV2	39614	39789	2.78%	0.283%
58	13.615	1958	1960	1962	rVB	49388	32256	2.25%	0.229%
59	13.839	1993	1998	2001	rBV2	1241763	1432917	100.00%	10.177%
60	13.862	2001	2002	2010	rVB	258740	183085	12.78%	1.300%
61	14.315	2077	2079	2082	rBV2	79263	69720	4.87%	0.495%
62	14.845	2166	2169	2177	rBV	171253	308652	21.54%	2.192%
63	15.180	2224	2226	2232	rVB	129431	149238	10.41%	1.060%
64	15.239	2232	2236	2239	rBV	646863	795035	55.48%	5.647%

Sum of corrected areas: 14079907

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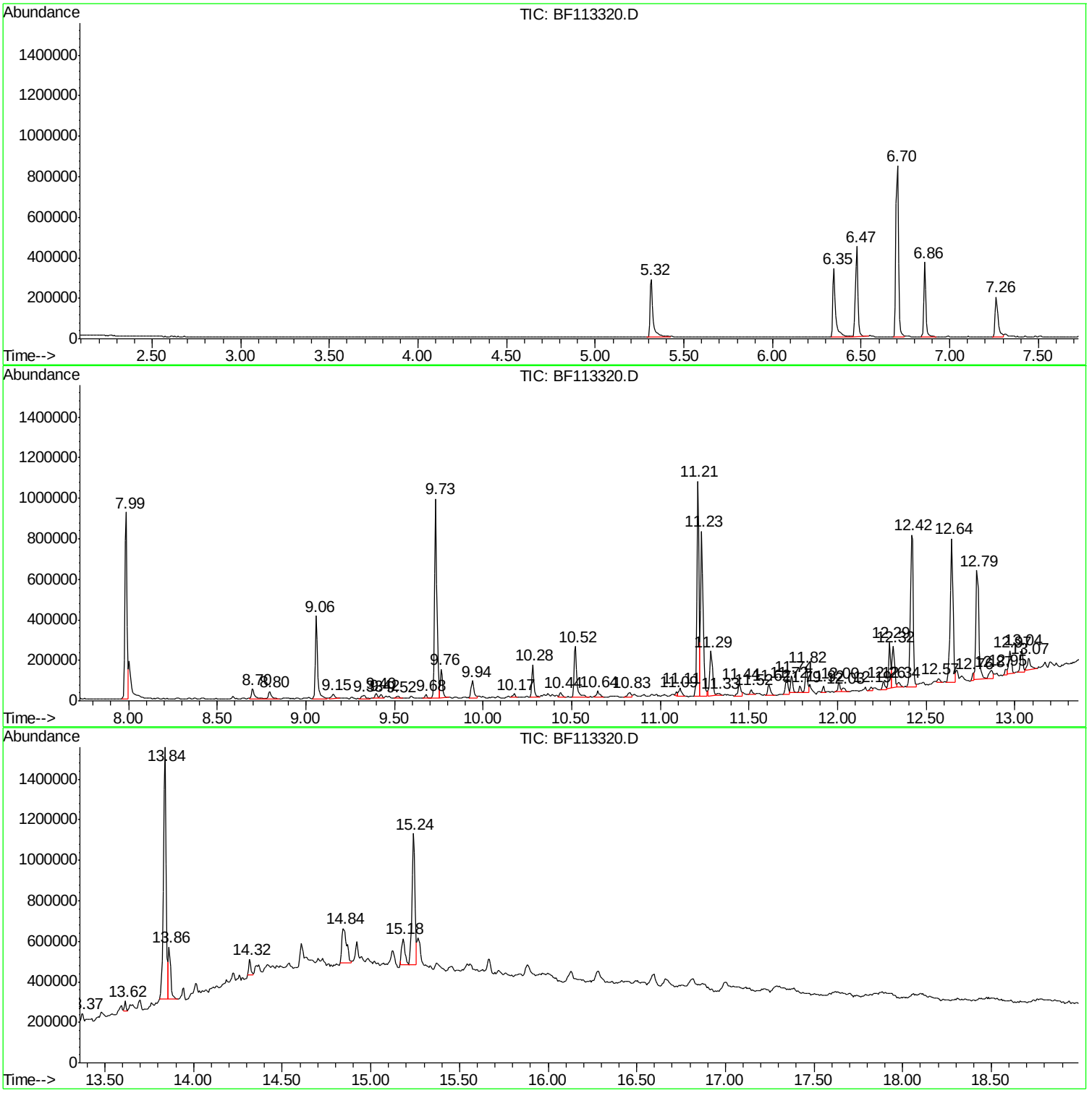
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113320.D
Acq On : 27 Mar 2019 5:12
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Instrument : BNA_F
ClientSampleId : OR-01-032519-A

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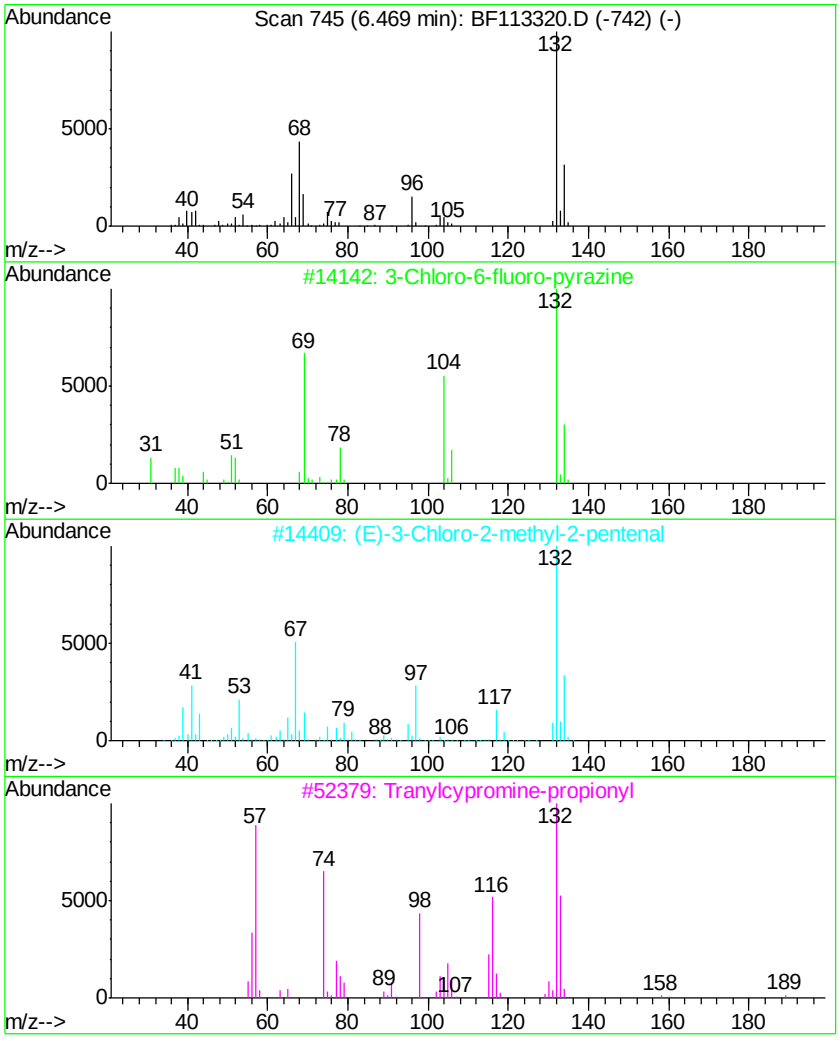
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

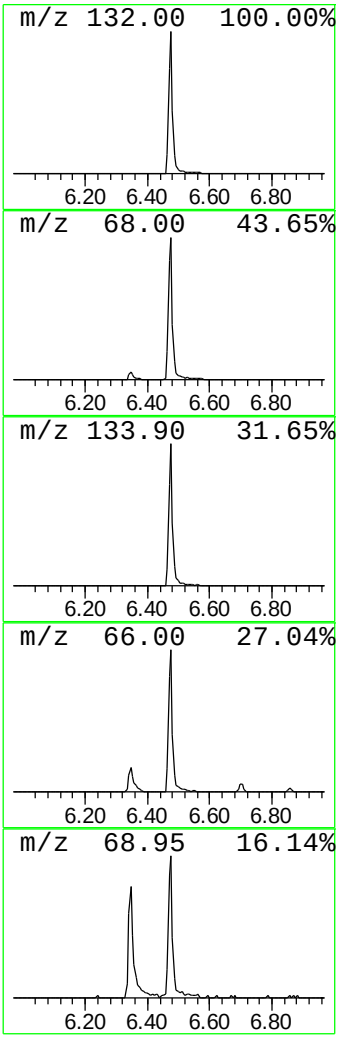
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	10.74 ng	413292	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Acq On : 27 Mar 2019 5:12
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Instrument : BNA_F
ClientSampleId : OR-01-032519-A

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

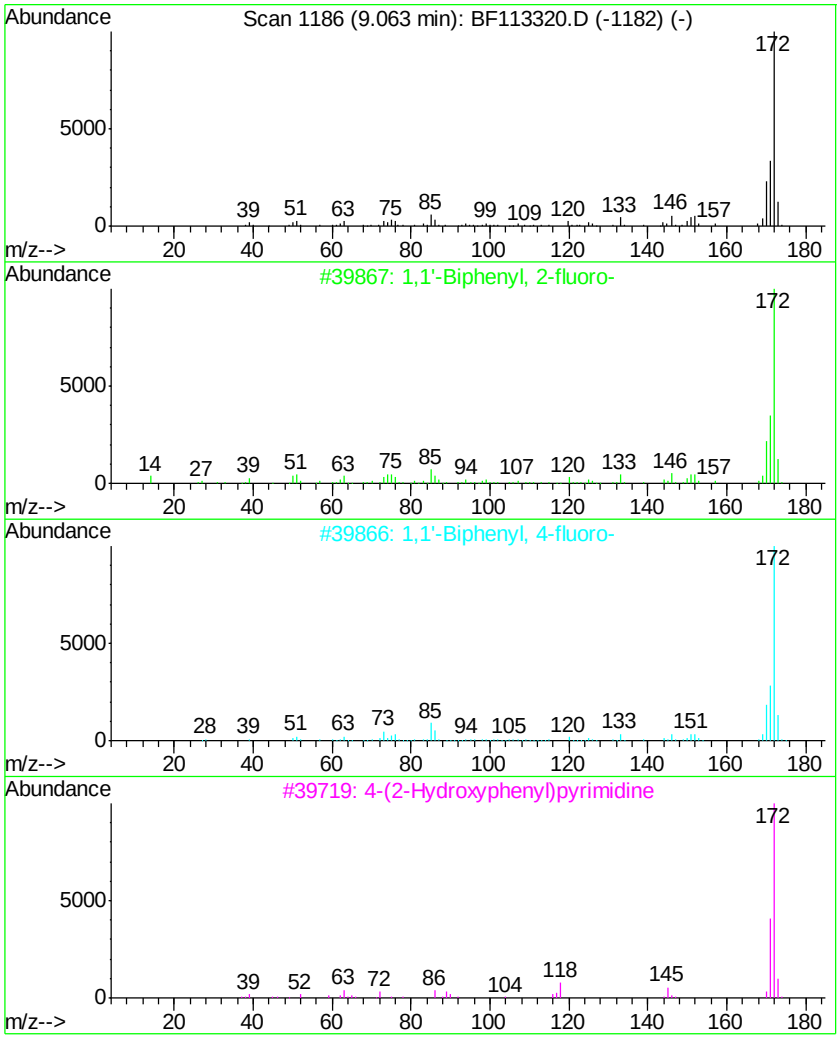
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

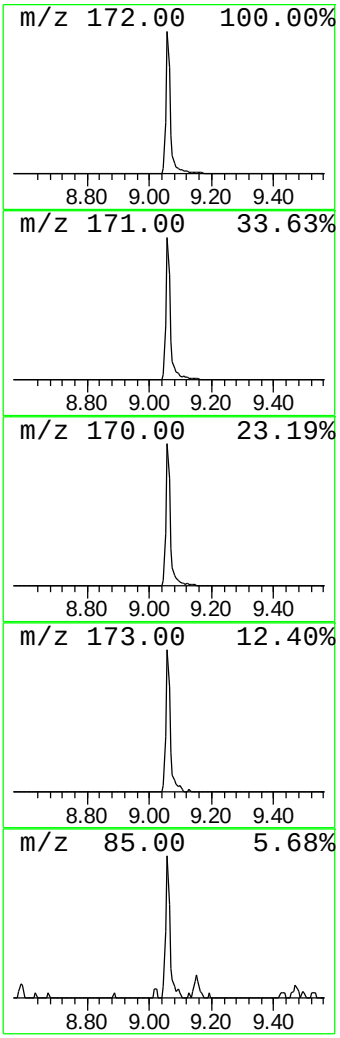
****

Peak Number 3 1,1'-Biphenyl, 2-fluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	8.87 ng	393747	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	58
4	2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	38
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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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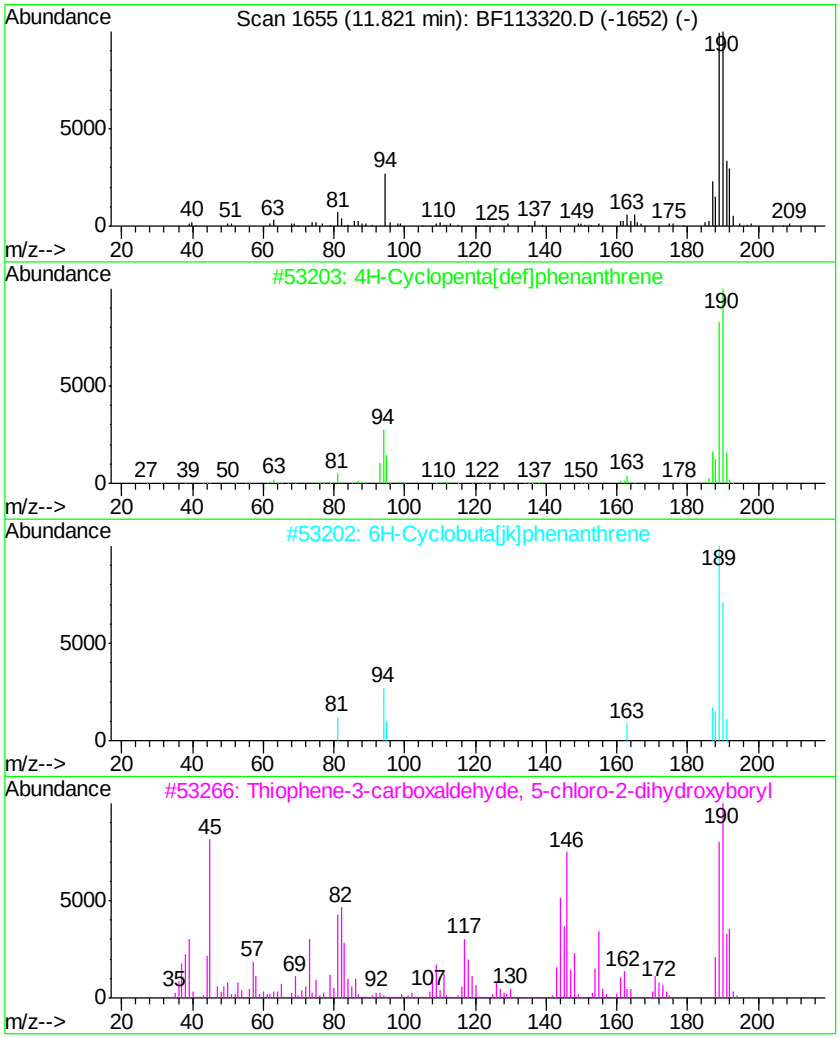
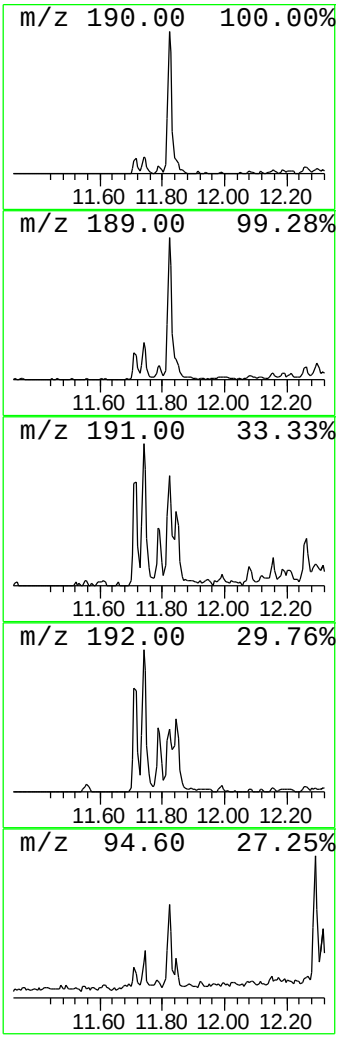
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.73 ng	129105	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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

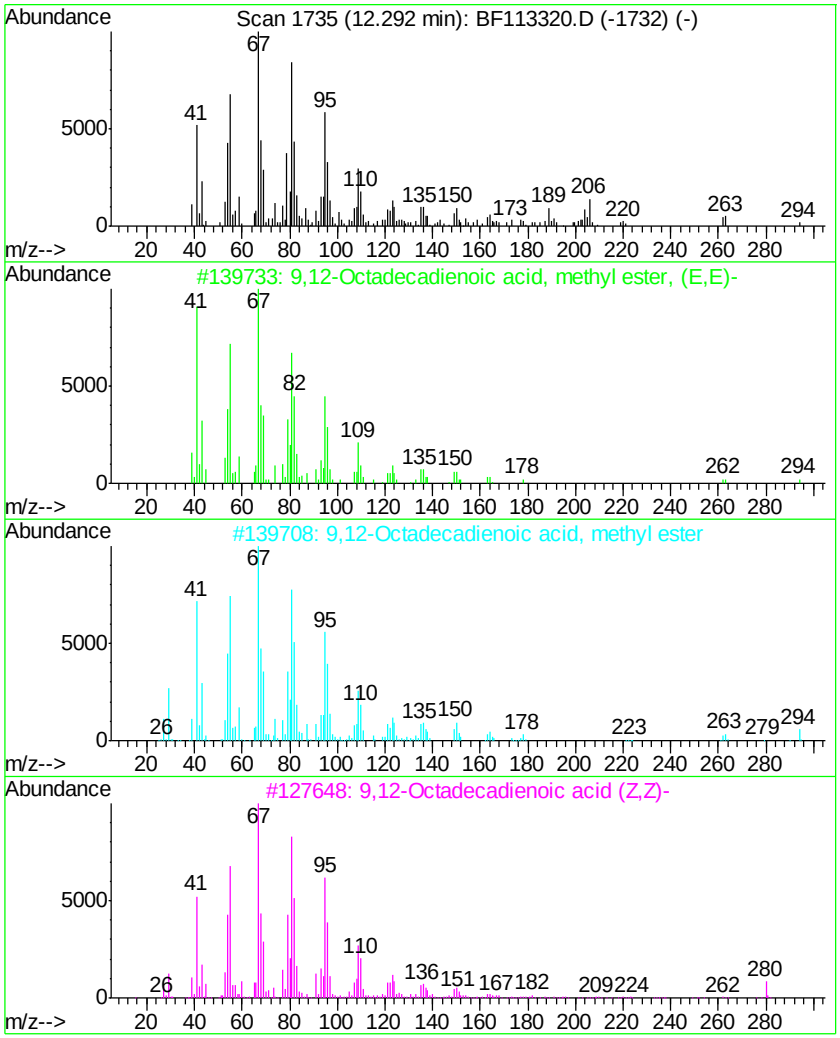
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

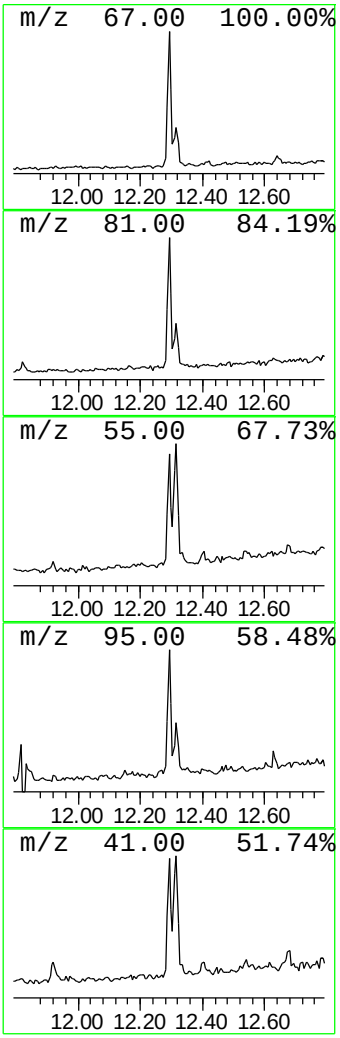
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.40 ng	208287	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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91





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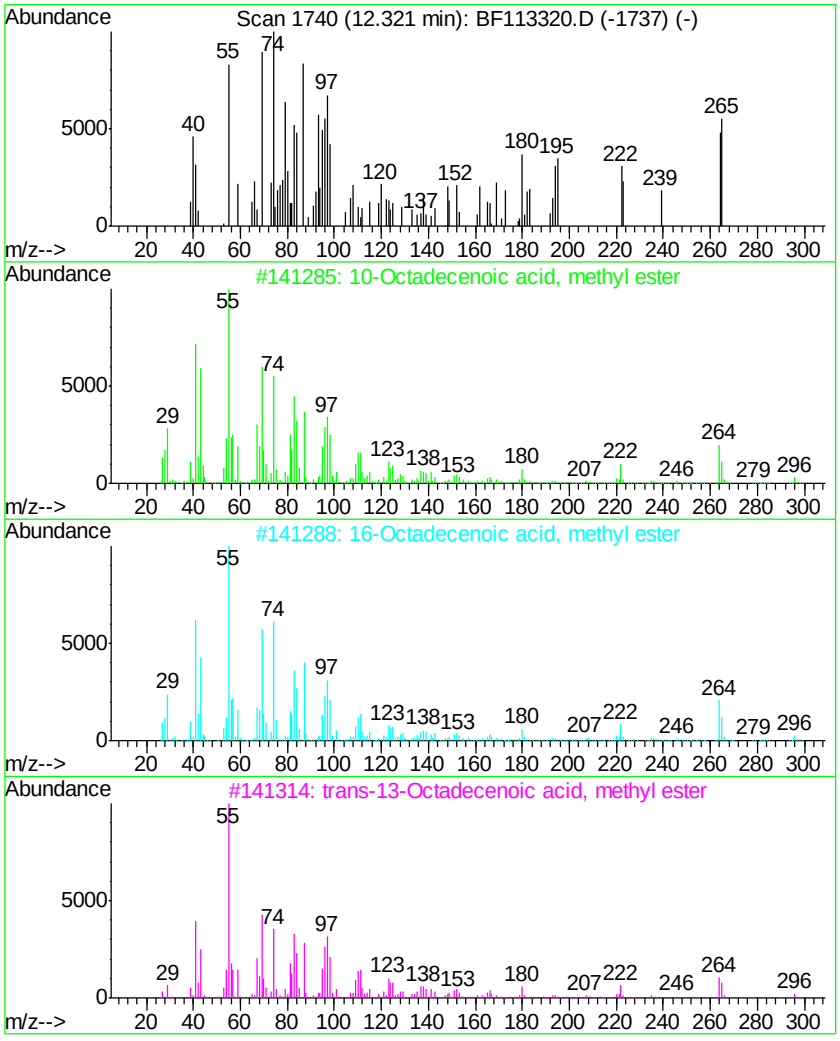
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

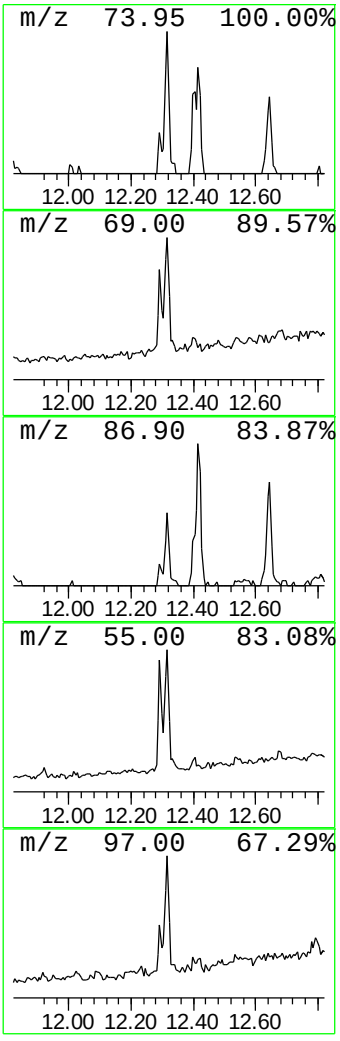
****

Peak Number 6 10-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.63 ng	171752	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	83
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	81
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	76
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	76





Tentatively Identified Compound (LSC) summary

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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	10.7	ng	413292	1	6.70	769912	20.0
1,1'-Biphenyl, 2-...	9.06	8.9	ng	393747	3	9.73	887528	20.0
4H-Cyclopenta[def...	11.82	2.7	ng	129105	4	11.21	946066	20.0
9,12-Octadecadien...	12.29	4.4	ng	208287	4	11.21	946066	20.0
10-Octadecenoic a...	12.32	3.6	ng	171752	4	11.21	946066	20.0