LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113968.D
Acq On : 24 Apr 2019 18:14
Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-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-BF042219.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	5.510	578	582	597	rBV	442047	437935	42.99%	4.157%
2	6.510	746	752	763	rBV	499145	474990	46.62%	4.509%
3	6.657	774	777	787	rVB	517802	498608	48.94%	4.733%
4	6.739	787	791	794	rVB2	19888	15386	1.51%	0.146%
5	6.892	814	817	825	rBV	778713	687275	67.46%	6.525%
6	7.051	840	844	848	rBV	489751	409216	40.17%	3.885%
7	7.175	862	865	868	rVB	16997	15201	1.49%	0.144%
8	7.216	868	872	874	rVB2	16510	15800	1.55%	0.150%
9	7.292	881	885	888	rVB3	19162	19436	1.91%	0.185%
10	7.445	903	911	917	rBV	308833	317914	31.21%	3.018%
11	7.492	917	919	923	rVV	38894	38318	3.76%	0.364%
12	7.545	923	928	931	rVB5	19038	25682	2.52%	0.244%
13	7.704	949	955	958	rVB3	23698	31901	3.13%	0.303%
14	7.822	973	975	979	rVB3	16777	15429	1.51%	0.146%
15	7.898	985	988	989	rBV2	17127	15200	1.49%	0.144%
16	7.916	989	991	993	rVV2	16322	13750	1.35%	0.131%
17	8.016	1006	1008	1011	rVB	20243	15980	1.57%	0.152%
18	8.051	1011	1014	1017	rBV4	9618	12672	1.24%	0.120%
19	8.139	1023	1029	1030	rBV5	8544	13148	1.29%	0.125%
20	8.175	1030	1035	1042	rBV	988658	918809	90.19%	8.723%
21	8.375	1067	1069	1073	rVB3	14304	16392	1.61%	0.156%
22	8.469	1081	1085	1089	rBV6	25640	33806	3.32%	0.321%
23	8.528	1092	1095	1097	rBV3	15050	15304	1.50%	0.145%
24	8.557	1097	1100	1104	rVV3	19442	22926	2.25%	0.218%
25	8.598	1104	1107	1109	rVV	20014	19516	1.92%	0.185%
26	8.645	1113	1115	1118	rVB2	15539	12469	1.22%	0.118%
27	8.681	1118	1121	1124	rBV3	34277	33762	3.31%	0.321%
28	8.769	1133	1136	1140	rBV3	58980	56209	5.52%	0.534%
29	8.998	1171	1175	1178	rBV3	19161	19552	1.92%	0.186%
30	9.133	1194	1198	1202	rVB4	15147	22164	2.18%	0.210%
31	9.198	1207	1209	1214	rVB4	21040	25790	2.53%	0.245%
32	9.245	1214	1217	1224	rBV	612799	575386	56.48%	5.462%
33	9.333	1229	1232	1236	rBV	55363	47901	4.70%	0.455%
34	9.639	1282	1284	1289	rBV2	42517	56677	5.56%	0.538%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.710	1293	1296	1299	rVB3	10404	11843	1.16%	0.112%
36	9.863	1316	1322	1327	rBV	37150	38538	3.78%	0.366%
37	9.928	1329	1333	1349	rVB	982998	1018769	100.00%	9.671%
38	10.098	1357	1362	1364	rBV5	6830	12203	1.20%	0.116%
39	10.128	1364	1367	1373	rVB5	10362	16576	1.63%	0.157%
40	10.363	1399	1407	1410	rBV3	25402	26200	2.57%	0.249%
41	10.475	1423	1426	1435	rBV4	12180	17289	1.70%	0.164%
42	10.586	1439	1445	1451	rVB3	12613	19314	1.90%	0.183%
43	10.716	1463	1467	1480	rBV	282435	304135	29.85%	2.887%
44	10.833	1484	1487	1489	rBV2	21259	20487	2.01%	0.194%
45	11.280	1561	1563	1566	rBV3	15411	16918	1.66%	0.161%
46	11.316	1566	1569	1575	rVB	14633	16621	1.63%	0.158%
47	11.416	1582	1586	1589	rBV	936133	909308	89.26%	8.632%
48	11.486	1597	1598	1601	rVB	15143	12237	1.20%	0.116%
49	11.710	1633	1636	1639	rBV	17305	12897	1.27%	0.122%
50	11.804	1649	1652	1655	rBV	49533	40928	4.02%	0.389%
51	11.933	1669	1674	1679	rBV4	30132	48929	4.80%	0.464%
52	12.027	1687	1690	1693	rBV	19402	21043	2.07%	0.200%
53	12.116	1703	1705	1708	rBV	17314	13000	1.28%	0.123%
54	12.398	1749	1753	1754	rBV3	9926	11953	1.17%	0.113%
55	12.463	1761	1764	1766	rBV	19241	21044	2.07%	0.200%
56	12.492	1766	1769	1770	rVV	169942	144769	14.21%	1.374%
57	12.510	1770	1772	1777	rVB2	177840	165532	16.25%	1.571%
58	12.592	1784	1786	1789	rBV2	20597	17545	1.72%	0.167%
59	12.621	1789	1791	1795	rBV	78696	76567	7.52%	0.727%
60	12.721	1805	1808	1812	rBV4	28383	38545	3.78%	0.366%
61	12.780	1816	1818	1821	rVV3	13022	13014	1.28%	0.124%
62	12.851	1827	1830	1837	rVB	74890	93761	9.20%	0.890%
63	12.992	1850	1854	1864	rVB	586559	500545	49.13%	4.752%
64	13.069	1865	1867	1870	rBV4	14228	21150	2.08%	0.201%
65	13.233	1892	1895	1896	rBV2	22146	24999	2.45%	0.237%
66	13.445	1929	1931	1936	rBV4	25328	24065	2.36%	0.228%
67	14.057	2031	2035	2038	rBV	1013511	932209	91.50%	8.850%
68	15.557	2286	2290	2294	rBV	730013	920291	90.33%	8.737%

Sum of corrected areas: 10533728

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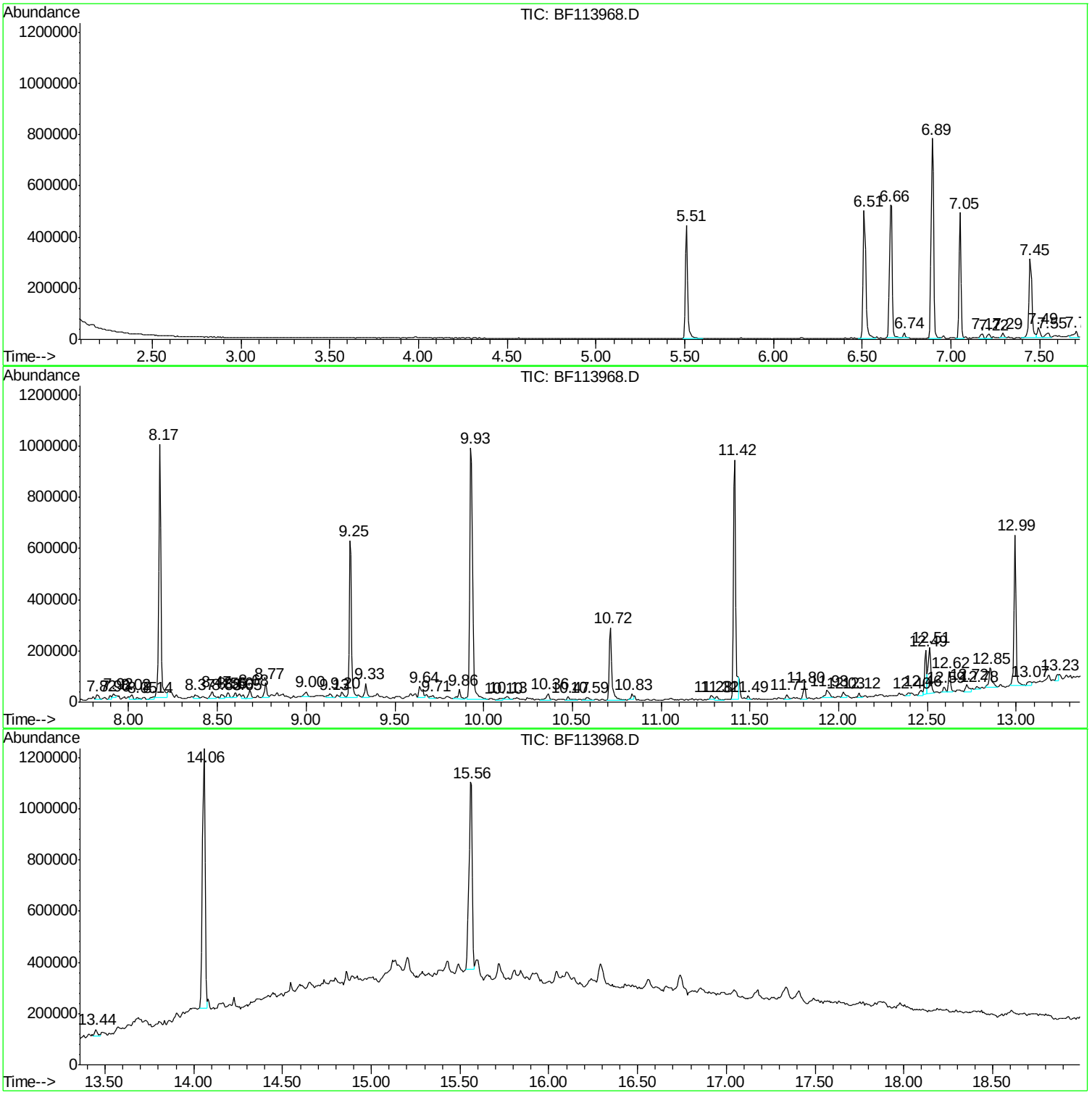
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-042319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042419\
Data File : BF113968.D
Acq On : 24 Apr 2019 18:14
Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

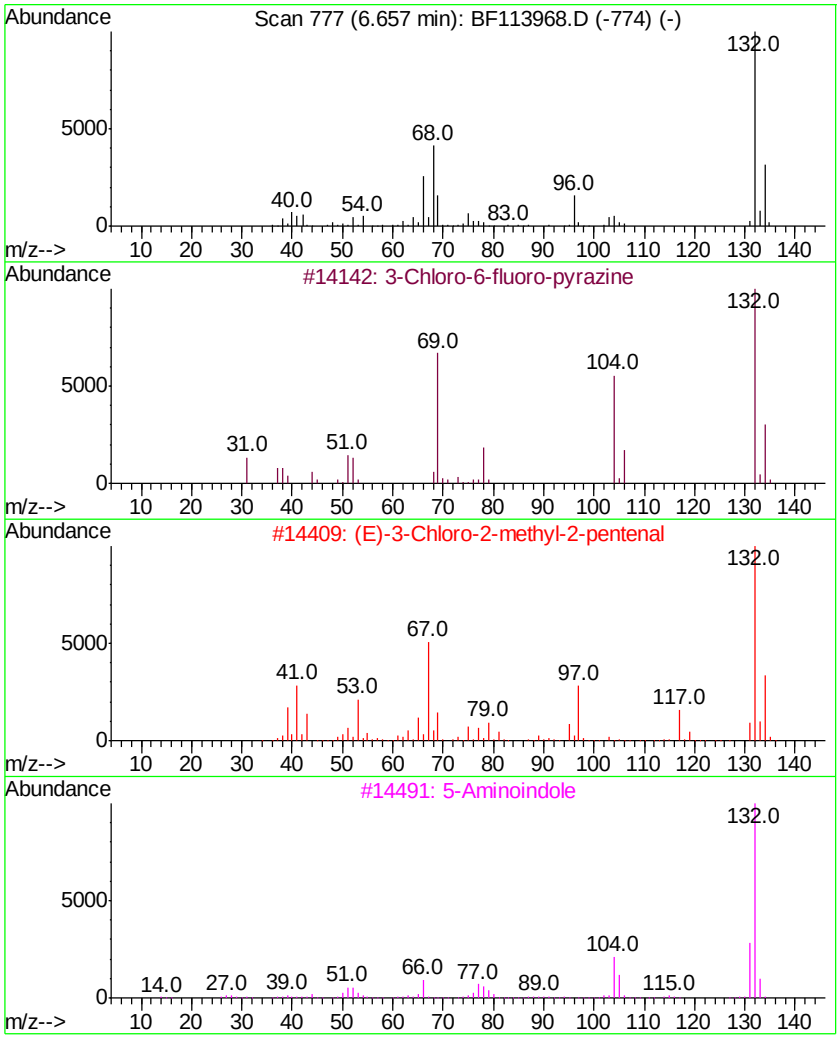
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

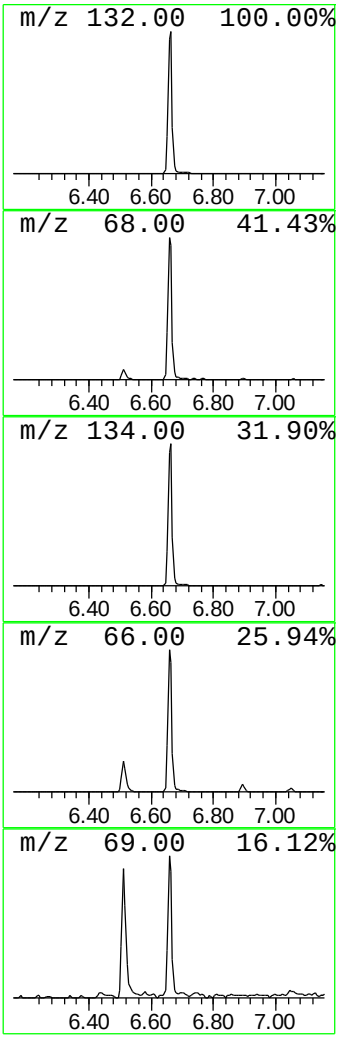
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.51 ng	498608	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
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Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

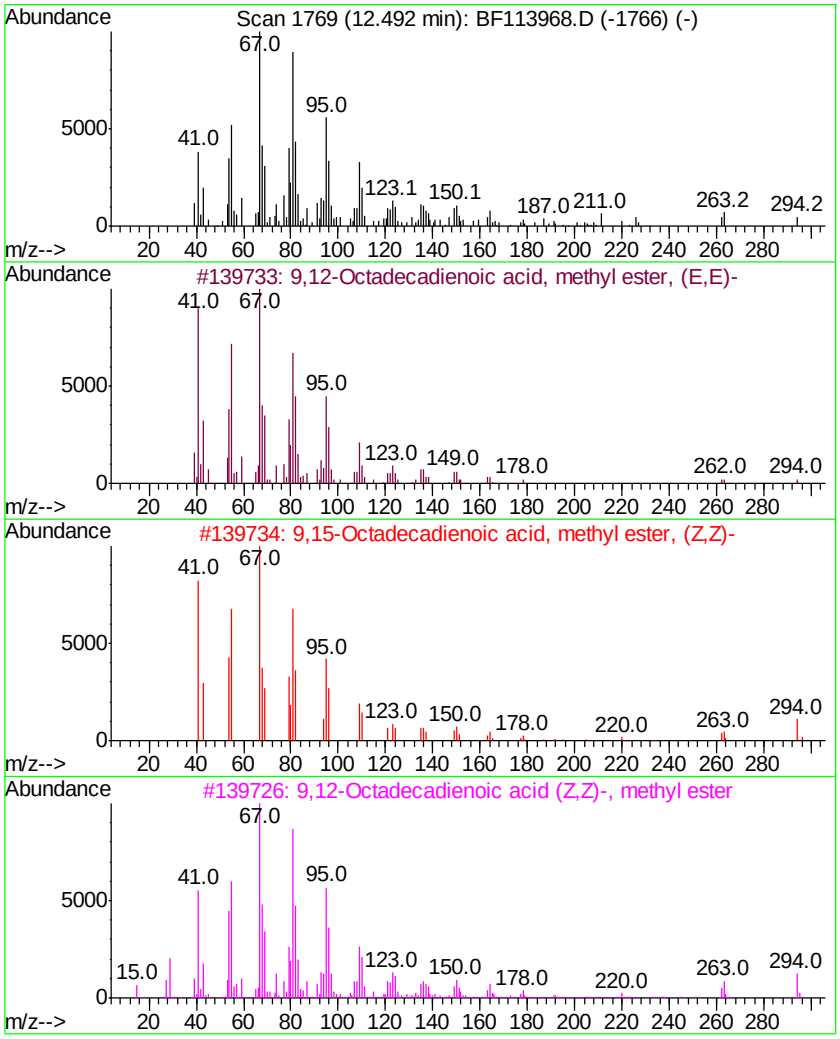
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

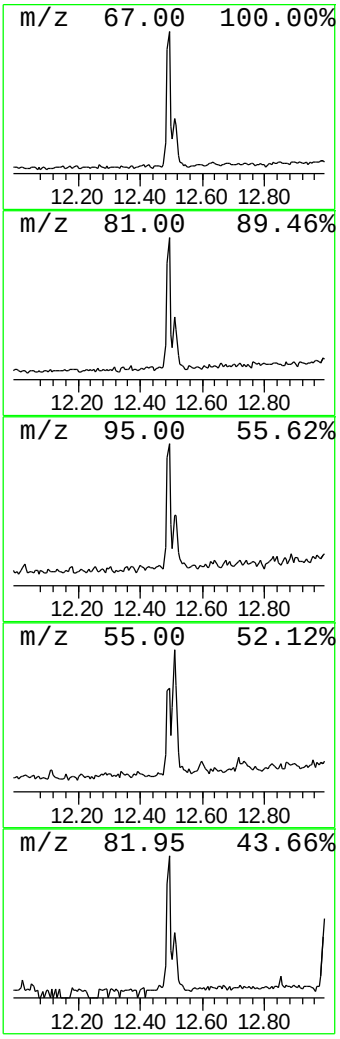
****

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.18 ng	144769	Phenanthrene-d10	11.42

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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





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Data File : BF113968.D
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Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

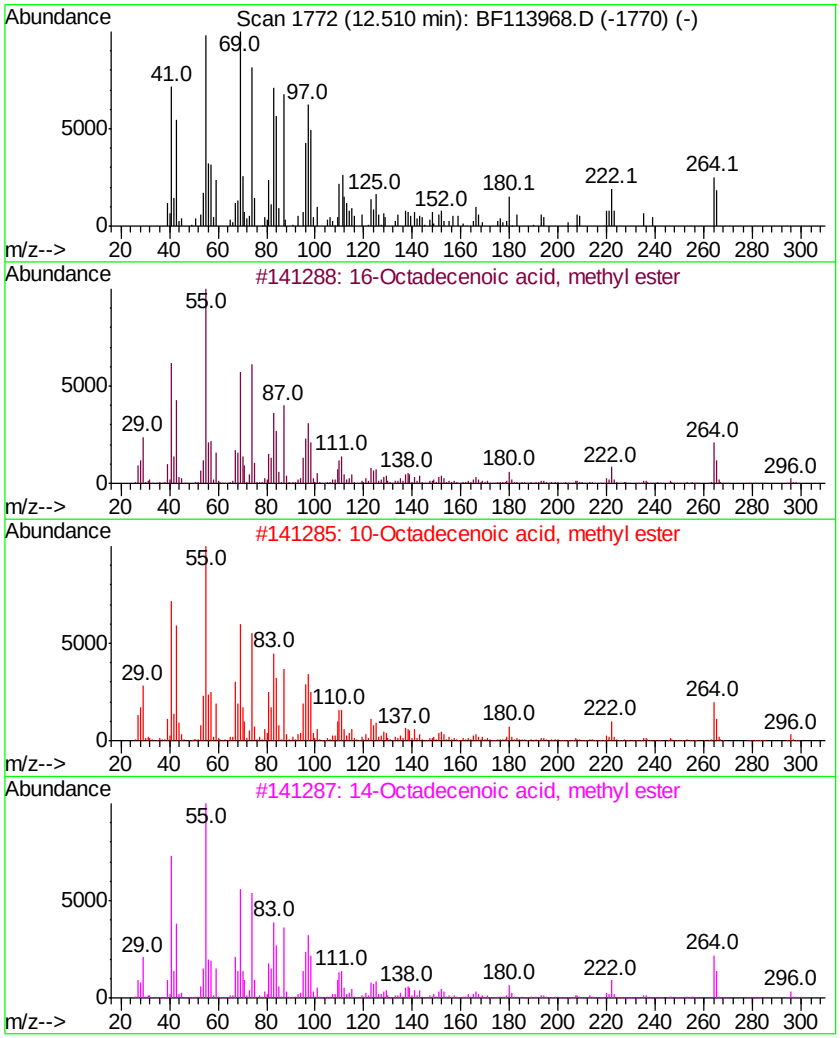
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

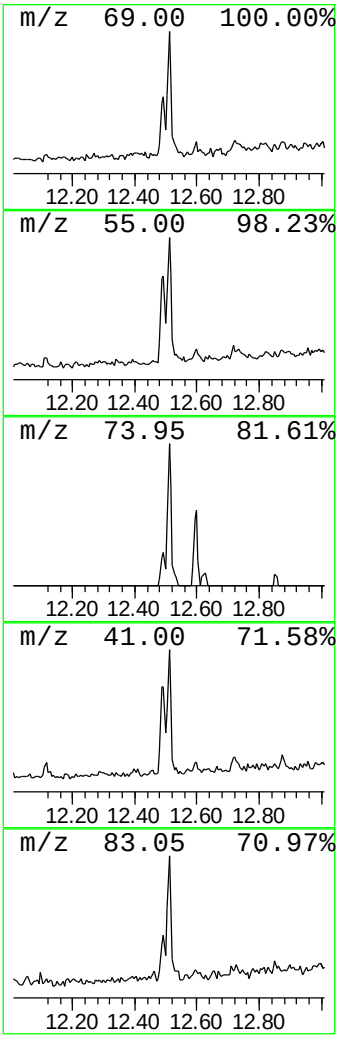
****

Peak Number 4 16-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.64 ng	165532	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	74
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	70
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	64
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	53
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	52





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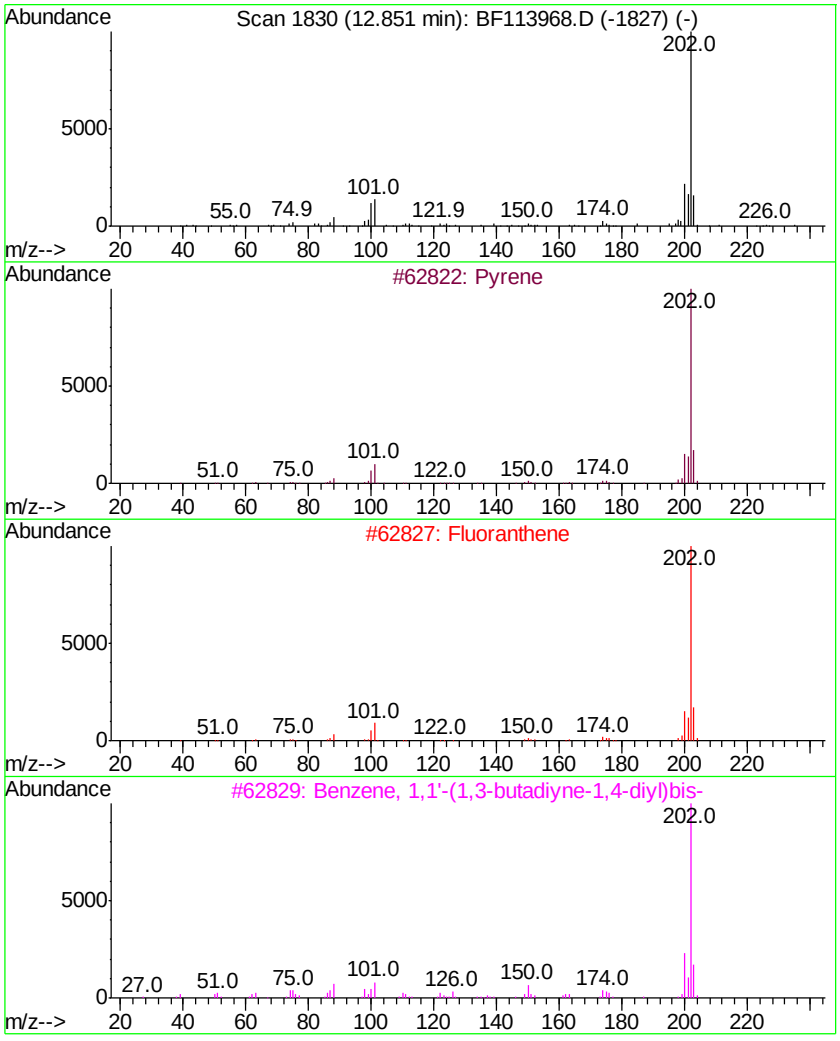
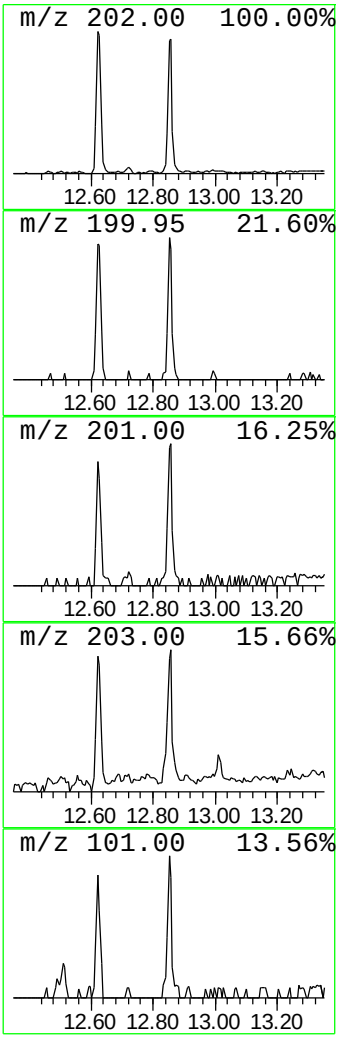
****

Peak Number 5 unknown12.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.01 ng	93761	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	94
2	Fluoranthene	202	C16H10	000206-44-0	68
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	45
4	4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	36
5	Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042419\
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Misc :
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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
unknown6.66	6.66	14.5	ng	498608	1	6.89	687275	20.0
9,12-Octadecadien...	12.49	3.2	ng	144769	4	11.42	909308	20.0
16-Octadecenoic a...	12.51	3.6	ng	165532	4	11.42	909308	20.0
unknown12.85	12.85	2.0	ng	93761	5	14.06	932209	20.0