LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100747.D
Acq On : 20 Nov 2017 23:01
Operator : SJ/JU
Sample : I6304-18 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.081	506	509	517	rVB	27360	26409	3.41%	0.272%
2	5.475	573	576	580	rBV	485780	443786	57.36%	4.571%
3	6.487	744	748	758	rBV	576195	459535	59.40%	4.733%
4	6.634	769	773	777	rBV	566860	478457	61.84%	4.928%
5	6.869	810	813	817	rBV	681133	604834	78.18%	6.229%
6	7.028	836	840	843	rBV	426066	364716	47.14%	3.756%
7	7.428	904	908	911	rBV	354030	269933	34.89%	2.780%
8	8.151	1027	1031	1035	rBV	926452	765949	99.00%	7.889%
9	9.222	1210	1213	1217	rBV	613398	521262	67.38%	5.369%
10	9.563	1267	1271	1274	rBV	162669	122522	15.84%	1.262%
11	9.616	1274	1280	1287	rVB	39907	44041	5.69%	0.454%
12	9.769	1300	1306	1309	rBV	42397	35555	4.60%	0.366%
13	9.833	1311	1317	1320	rVB2	17930	20799	2.69%	0.214%
14	9.910	1326	1330	1333	rBV	873536	759068	98.11%	7.818%
15	10.022	1344	1349	1353	rVB	16170	13673	1.77%	0.141%
16	10.327	1399	1401	1404	rVB	18527	16023	2.07%	0.165%
17	10.451	1420	1422	1430	rVB	11985	11967	1.55%	0.123%
18	10.692	1457	1463	1467	rBV	279155	236912	30.62%	2.440%
19	10.804	1479	1482	1483	rBV	12616	9733	1.26%	0.100%
20	11.392	1578	1582	1585	rBV	737211	625726	80.88%	6.445%
21	11.416	1585	1586	1589	rVV	88485	48300	6.24%	0.497%
22	11.469	1592	1595	1598	rVB	20437	16112	2.08%	0.166%
23	11.892	1663	1667	1670	rBV	20598	23466	3.03%	0.242%
24	11.921	1670	1672	1675	rVB	24228	18951	2.45%	0.195%
25	12.004	1683	1686	1688	rBV2	30225	29813	3.85%	0.307%
26	12.027	1688	1690	1693	rVB	16990	14131	1.83%	0.146%
27	12.186	1713	1717	1720	rBV	10381	11273	1.46%	0.116%
28	12.439	1757	1760	1763	rBV	20162	21299	2.75%	0.219%
29	12.480	1763	1767	1769	rVV3	10866	15128	1.96%	0.156%
30	12.527	1772	1775	1779	rBV3	11094	13241	1.71%	0.136%
31	12.604	1785	1788	1791	rBV	142324	111045	14.35%	1.144%
32	12.698	1801	1804	1808	rVB	18985	16529	2.14%	0.170%
33	12.757	1812	1814	1816	rBV	7398	9204	1.19%	0.095%
34	12.833	1821	1827	1832	rBV	182538	170968	22.10%	1.761%

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-111617-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.974	1847	1851	1858	rVB	378438	341995	44.20%	3.522%
36	13.051	1860	1864	1868	rBV4	17136	25004	3.23%	0.258%
37	13.133	1876	1878	1879	rBV2	13242	10775	1.39%	0.111%
38	13.157	1879	1882	1886	rVB	25507	30954	4.00%	0.319%
39	13.227	1891	1894	1897	rBV2	15810	12644	1.63%	0.130%
40	13.263	1897	1900	1903	rVB2	26073	22330	2.89%	0.230%
41	13.327	1908	1911	1914	rBV3	6784	10625	1.37%	0.109%
42	13.357	1914	1916	1919	rVB	21113	16346	2.11%	0.168%
43	13.386	1919	1921	1924	rBV2	17920	20371	2.63%	0.210%
44	13.663	1966	1968	1973	rVB	17122	20262	2.62%	0.209%
45	13.757	1982	1984	1986	rBV	31261	27419	3.54%	0.282%
46	13.780	1986	1988	1990	rVB	17398	15485	2.00%	0.159%
47	13.810	1990	1993	1994	rBV	10759	8836	1.14%	0.091%
48	13.827	1994	1996	1999	rVV	9723	10278	1.33%	0.106%
49	13.862	1999	2002	2006	rVV3	24777	32153	4.16%	0.331%
50	13.945	2014	2016	2019	rVB3	8535	8939	1.16%	0.092%
51	13.998	2019	2025	2026	rBV6	10486	15806	2.04%	0.163%
52	14.033	2026	2031	2033	rVV2	684816	773661	100.00%	7.968%
53	14.057	2033	2035	2041	rVB	100347	92266	11.93%	0.950%
54	14.133	2043	2048	2051	rBV3	21066	32382	4.19%	0.334%
55	14.174	2051	2055	2057	rBV2	22549	26297	3.40%	0.271%
56	14.239	2064	2066	2068	rBV2	10929	11527	1.49%	0.119%
57	14.286	2071	2074	2077	rVB5	10688	11340	1.47%	0.117%
58	14.415	2093	2096	2099	rVB	27760	27027	3.49%	0.278%
59	14.451	2099	2102	2106	rBV2	16700	19513	2.52%	0.201%
60	14.509	2106	2112	2114	rBV5	21623	43833	5.67%	0.451%
61	14.539	2114	2117	2119	rVV3	25983	26977	3.49%	0.278%
62	14.562	2119	2121	2124	rVB2	18995	16635	2.15%	0.171%
63	14.751	2151	2153	2157	rBV3	10053	9937	1.28%	0.102%
64	14.974	2189	2191	2195	rVB5	12068	13260	1.71%	0.137%
65	15.068	2202	2207	2210	rBV	147265	212974	27.53%	2.194%
66	15.133	2215	2218	2222	rVV4	24090	37369	4.83%	0.385%
67	15.180	2223	2226	2229	rVB	40986	47283	6.11%	0.487%
68	15.374	2255	2259	2264	rVB	81347	105892	13.69%	1.091%
69	15.439	2265	2270	2275	rBV	127221	157097	20.31%	1.618%
70	15.504	2276	2281	2293	rVV	536261	746437	96.48%	7.688%
71	15.821	2333	2335	2338	rVB4	9890	9373	1.21%	0.097%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.951	2352	2357	2361	rBV6	22305	40493	5.23%	0.417%
73	16.062	2374	2376	2383	rVB8	17287	28146	3.64%	0.290%
74	16.204	2397	2400	2402	rBV4	10037	14686	1.90%	0.151%
75	16.462	2440	2444	2448	rBV6	10489	18891	2.44%	0.195%
76	16.974	2526	2531	2538	rVB2	46331	85813	11.09%	0.884%
77	17.056	2541	2545	2547	rBV3	13061	19070	2.46%	0.196%
78	17.209	2569	2571	2577	rBV6	8961	15206	1.97%	0.157%
79	17.421	2601	2607	2613	rBV	32190	71255	9.21%	0.734%
80	18.021	2704	2709	2713	rBV6	6219	14022	1.81%	0.144%

Sum of corrected areas: 9709244

LSC Report - Integrated Chromatogram

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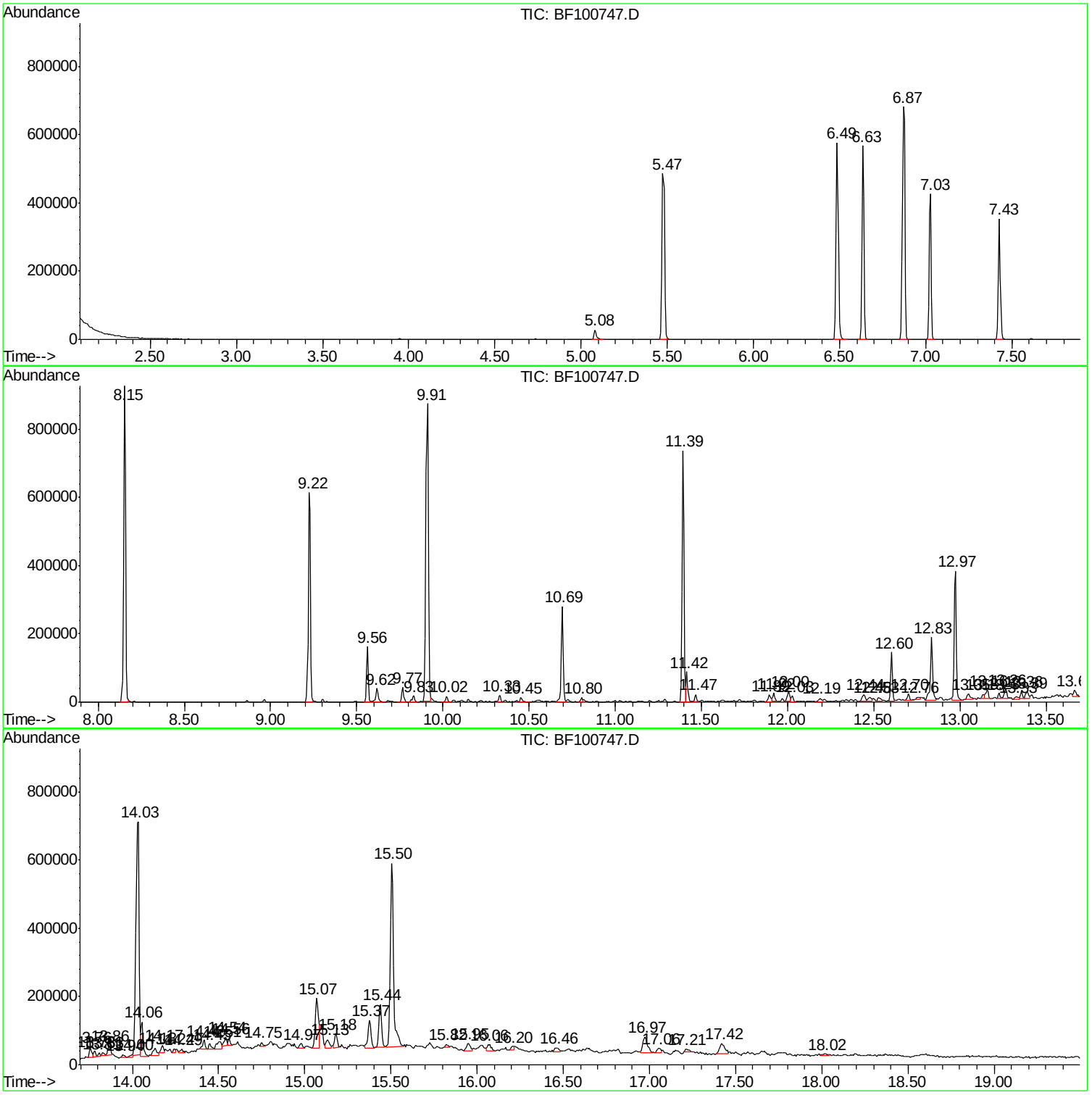
Operator : SJ/JU
Sample : I6304-18 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100747.D
Acq On : 20 Nov 2017 23:01
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Sample : I6304-18 5X
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Instrument : BNA_F
ClientSampleId : CL-01-111617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

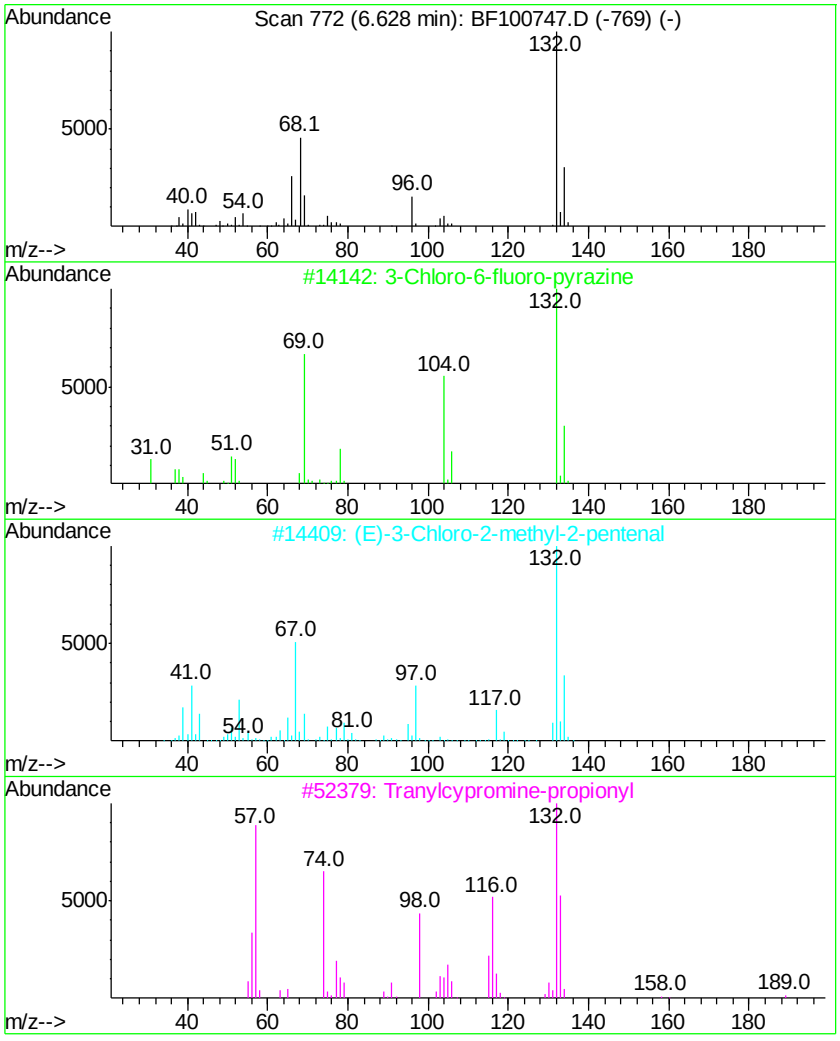
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

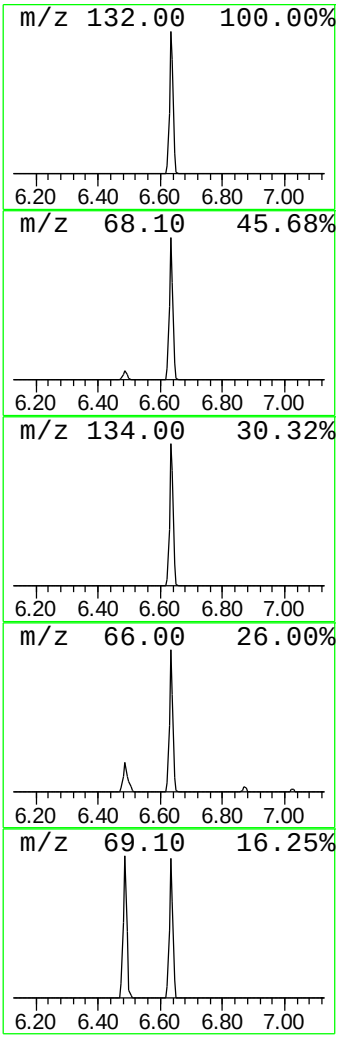
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	15.82 ng	478457	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

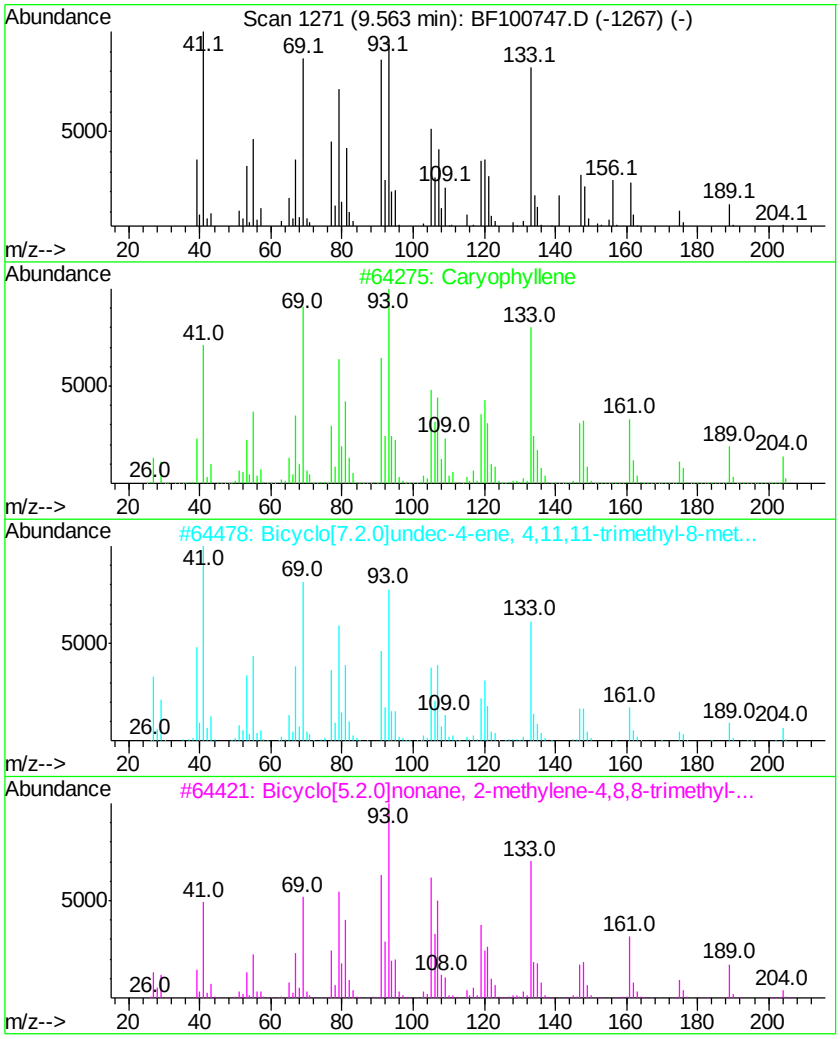
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

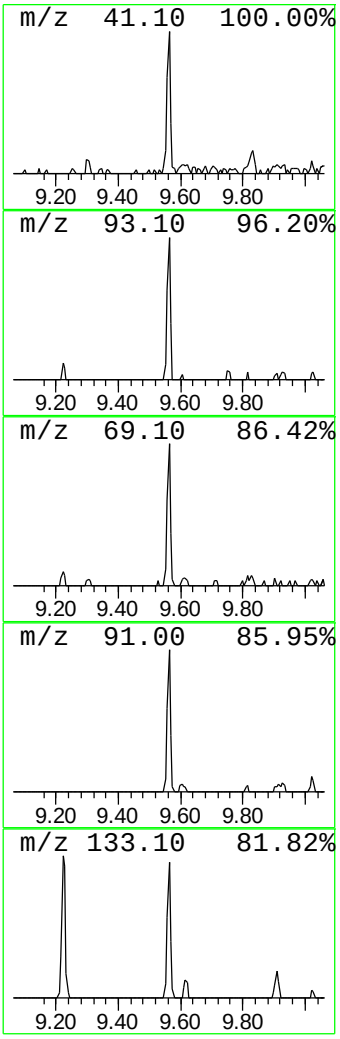
****

Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.23 ng	122522	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	94
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	91
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	86
5	.alpha.-Farnesene	204	C15H24	000502-61-4	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Acq On : 20 Nov 2017 23:01
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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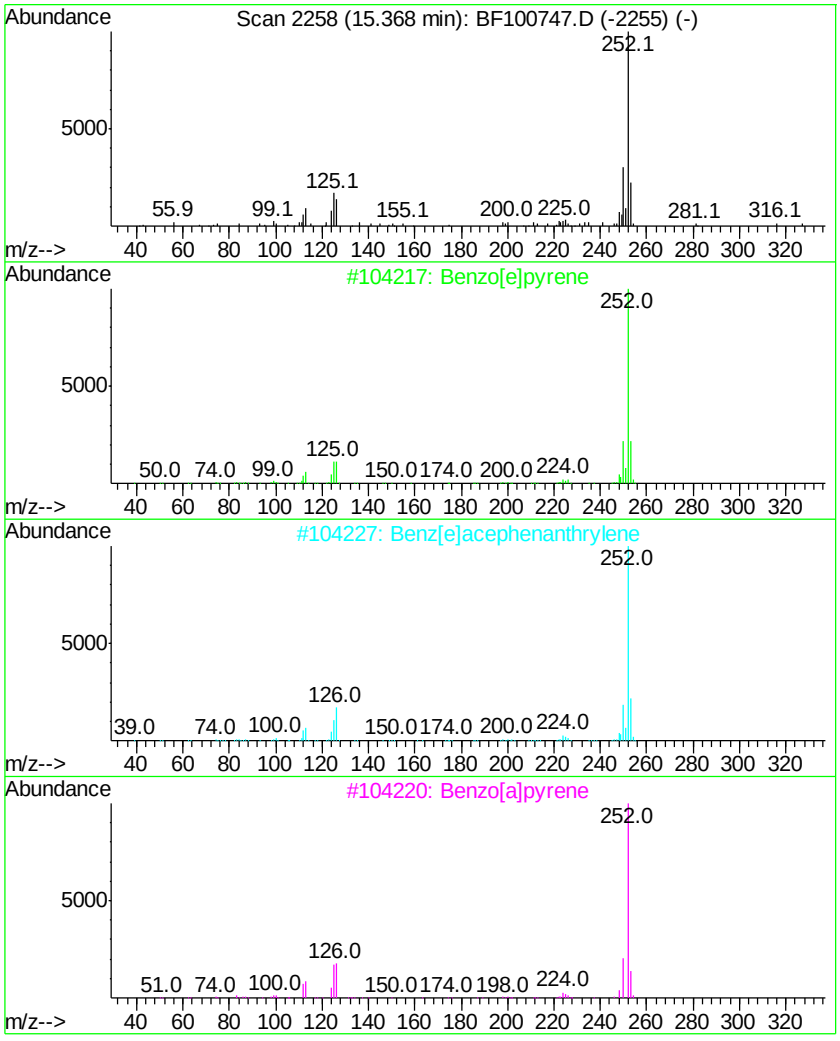
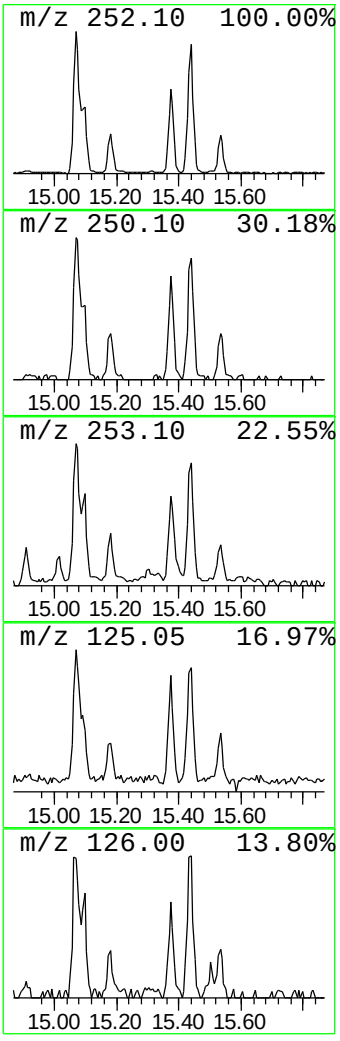
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.84 ng	105892	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.63	6.63	15.8	ng	478457	1	6.87	604834	20.0
Caryophyllene	9.56	3.2	ng	122522	3	9.91	759068	20.0
Benzo[e]pyrene	15.37	2.8	ng	105892	6	15.50	746437	20.0