

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097797.D
 Acq On : 17 Aug 2017 20:27
 Operator : SJ/JU
 Sample : I4815-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081517-B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	4.957	485	488	500	rVB	106467	115611	9.82%	0.683%
2	5.369	554	558	562	rBV	1026867	913800	77.62%	5.400%
3	6.398	728	733	736	rBV	989235	915676	77.78%	5.412%
4	6.540	753	757	760	rBV	1066939	921851	78.31%	5.448%
5	6.775	793	797	800	rBV	1086435	865471	73.52%	5.115%
6	6.928	819	823	827	rBV	849293	682848	58.00%	4.036%
7	7.334	888	892	895	rBV	639410	521290	44.28%	3.081%
8	8.057	1010	1015	1018	rBV	1318828	1066248	90.57%	6.301%
9	8.486	1084	1088	1090	rBV	16588	13295	1.13%	0.079%
10	8.657	1113	1117	1119	rBV	18891	17197	1.46%	0.102%
11	8.769	1134	1136	1139	rVB	36349	24799	2.11%	0.147%
12	8.869	1150	1153	1157	rVB	34210	28484	2.42%	0.168%
13	9.086	1187	1190	1194	rBV3	18948	15470	1.31%	0.091%
14	9.134	1194	1198	1201	rBV	1050992	823518	69.95%	4.867%
15	9.222	1209	1213	1217	rBV2	35929	43268	3.68%	0.256%
16	9.392	1239	1242	1247	rBV2	20173	27923	2.37%	0.165%
17	9.469	1252	1255	1258	rVV	39444	37512	3.19%	0.222%
18	9.498	1258	1260	1262	rVV	25088	19818	1.68%	0.117%
19	9.528	1262	1265	1270	rVV	116773	109910	9.34%	0.650%
20	9.586	1272	1275	1280	rVB2	15862	17630	1.50%	0.104%
21	9.669	1286	1289	1294	rBV	76972	70001	5.95%	0.414%
22	9.722	1294	1298	1300	rVV3	16714	22738	1.93%	0.134%
23	9.751	1300	1303	1307	rVB	39792	32641	2.77%	0.193%
24	9.810	1307	1313	1316	rBV2	1086253	928995	78.91%	5.490%
25	9.839	1316	1318	1322	rVB	55974	48288	4.10%	0.285%
26	9.916	1326	1331	1335	rVB3	16037	21342	1.81%	0.126%
27	9.969	1335	1340	1343	rBV3	8043	14241	1.21%	0.084%
28	10.010	1344	1347	1350	rVB	42810	39007	3.31%	0.231%
29	10.051	1350	1354	1356	rBV	17161	14696	1.25%	0.087%
30	10.216	1378	1382	1384	rBV3	12843	15941	1.35%	0.094%
31	10.251	1385	1388	1393	rVB2	38077	37185	3.16%	0.220%
32	10.357	1403	1406	1412	rBV	57728	60884	5.17%	0.360%
33	10.422	1412	1417	1419	rVV3	12880	15486	1.32%	0.092%
34	10.469	1422	1425	1427	rVV2	31576	29977	2.55%	0.177%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.516	1430	1433	1438	rVB5	13103	15620	1.33%	0.092%
36	10.592	1442	1446	1451	rBV	447742	369934	31.42%	2.186%
37	10.722	1465	1468	1475	rVB	68973	74219	6.30%	0.439%
38	10.904	1494	1499	1501	rBV4	18026	23156	1.97%	0.137%
39	11.057	1519	1525	1527	rBV5	15336	17857	1.52%	0.106%
40	11.098	1529	1532	1537	rVB5	16128	15425	1.31%	0.091%
41	11.169	1541	1544	1546	rVV	50532	46117	3.92%	0.273%
42	11.186	1546	1547	1553	rVB5	29449	42180	3.58%	0.249%
43	11.292	1561	1565	1567	rBV	953851	791536	67.24%	4.678%
44	11.316	1567	1569	1572	rVV	418510	303698	25.80%	1.795%
45	11.369	1572	1578	1580	rVB	93691	92110	7.82%	0.544%
46	11.398	1580	1583	1587	rBV4	11041	14417	1.22%	0.085%
47	11.522	1599	1604	1607	rBV	40493	43147	3.67%	0.255%
48	11.592	1614	1616	1619	rBV	39907	34590	2.94%	0.204%
49	11.792	1647	1650	1653	rBV	68940	62032	5.27%	0.367%
50	11.822	1653	1655	1659	rVB	98842	78212	6.64%	0.462%
51	11.869	1659	1663	1665	rBV	32035	33162	2.82%	0.196%
52	11.904	1665	1669	1671	rVV	119673	123391	10.48%	0.729%
53	11.927	1671	1673	1677	rVB	58406	49650	4.22%	0.293%
54	12.004	1683	1686	1688	rBV	34143	26470	2.25%	0.156%
55	12.086	1698	1700	1702	rBV	37139	35844	3.04%	0.212%
56	12.110	1702	1704	1708	rVB2	37328	36331	3.09%	0.215%
57	12.239	1724	1726	1729	rBV2	17215	12611	1.07%	0.075%
58	12.269	1729	1731	1733	rBV	28365	24031	2.04%	0.142%
59	12.292	1733	1735	1739	rVB2	26162	24192	2.05%	0.143%
60	12.345	1740	1744	1747	rBV	71470	79345	6.74%	0.469%
61	12.374	1747	1749	1750	rBV2	31599	27891	2.37%	0.165%
62	12.422	1755	1757	1763	rBV4	35601	49172	4.18%	0.291%
63	12.504	1767	1771	1774	rBV	603346	515791	43.81%	3.048%
64	12.563	1776	1781	1784	rBV6	15605	29908	2.54%	0.177%
65	12.598	1784	1787	1789	rVB	27235	24641	2.09%	0.146%
66	12.627	1789	1792	1794	rBV4	16079	17919	1.52%	0.106%
67	12.657	1794	1797	1804	rVB4	20352	38483	3.27%	0.227%
68	12.727	1804	1809	1812	rBV	558095	586919	49.86%	3.469%
69	12.763	1812	1815	1817	rVB2	24276	25950	2.20%	0.153%
70	12.845	1827	1829	1831	rBV2	30153	25134	2.13%	0.149%
71	12.874	1831	1834	1841	rVB	714410	645091	54.80%	3.812%

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72	12.951	1842	1847	1850	rBV2	58972	90709	7.71%	0.536%
73	13.004	1854	1856	1858	rBV2	12396	14223	1.21%	0.084%
74	13.033	1858	1861	1862	rBV3	43014	38651	3.28%	0.228%
75	13.057	1862	1865	1869	rVB	110030	109401	9.29%	0.647%
76	13.092	1869	1871	1873	rBV3	14078	15512	1.32%	0.092%
77	13.121	1873	1876	1879	rVB2	104939	90863	7.72%	0.537%
78	13.163	1879	1883	1886	rBV2	92441	99920	8.49%	0.591%
79	13.251	1895	1898	1901	rVB	58306	55042	4.68%	0.325%
80	13.286	1901	1904	1907	rBV	55975	51068	4.34%	0.302%
81	13.463	1931	1934	1939	rBV3	47477	53691	4.56%	0.317%
82	13.563	1948	1951	1956	rVB	39259	47996	4.08%	0.284%
83	13.674	1966	1970	1973	rBV3	71323	90883	7.72%	0.537%
84	13.704	1973	1975	1977	rBV	54154	43057	3.66%	0.254%
85	13.727	1977	1979	1980	rBV	25873	17224	1.46%	0.102%
86	13.769	1984	1986	1987	rBV	38969	32770	2.78%	0.194%
87	13.927	2008	2013	2015	rBV2	1005903	1177239	100.00%	6.957%
88	13.951	2015	2017	2020	rVB	318586	249582	21.20%	1.475%
89	14.310	2076	2078	2082	rVB	63115	57721	4.90%	0.341%
90	14.345	2082	2084	2087	rVB	52011	43742	3.72%	0.259%
91	14.410	2092	2095	2097	rBV3	54445	55437	4.71%	0.328%
92	14.945	2182	2186	2189	rBV	260949	377336	32.05%	2.230%
93	15.233	2232	2235	2241	rVB	145117	183445	15.58%	1.084%
94	15.292	2242	2245	2249	rVB	200656	221422	18.81%	1.309%
95	15.357	2252	2256	2259	rBV	478359	549873	46.71%	3.250%
96	16.745	2489	2492	2503	rVB2	82689	164718	13.99%	0.973%

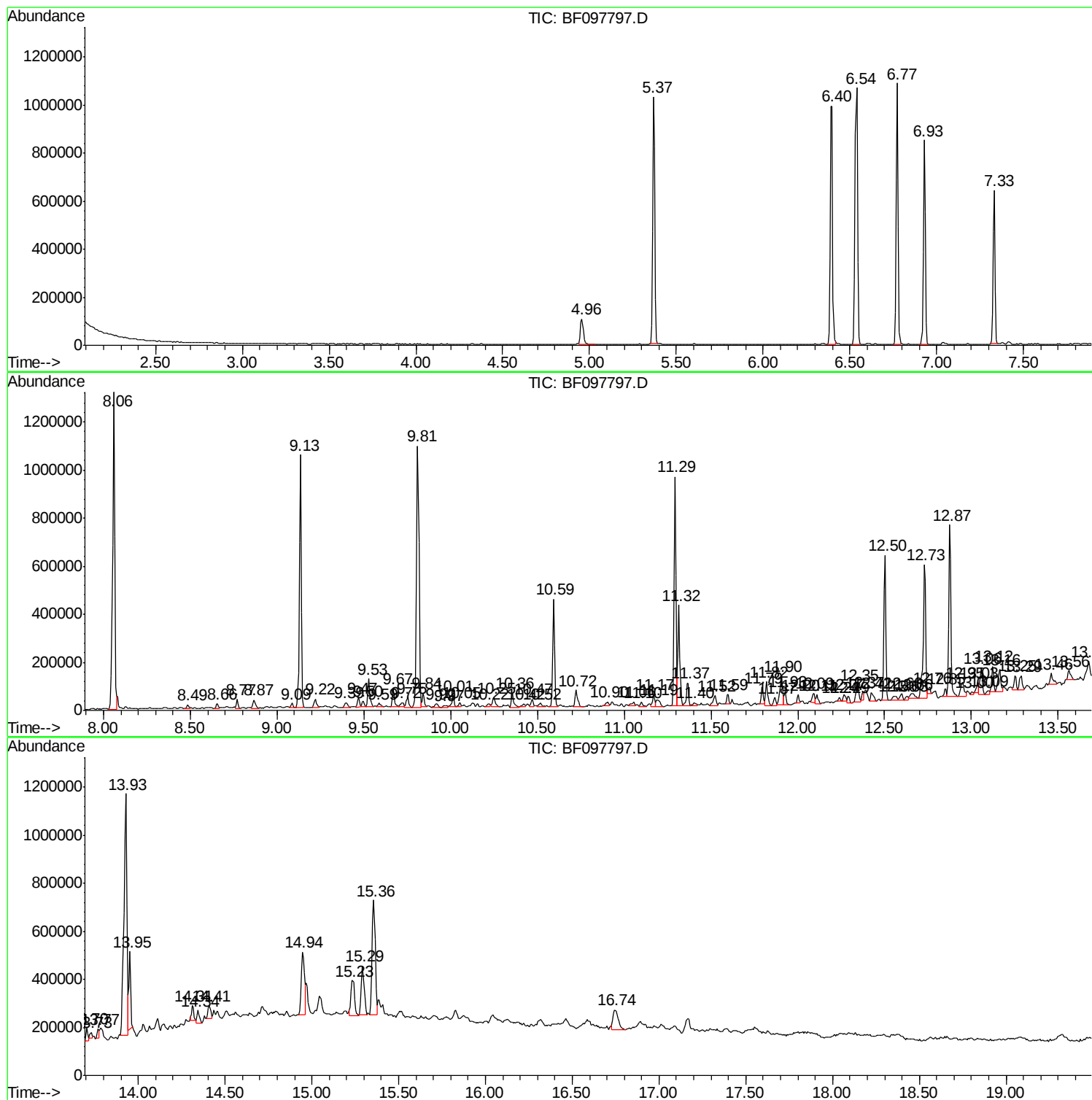
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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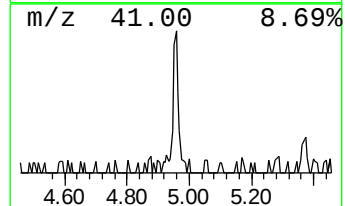
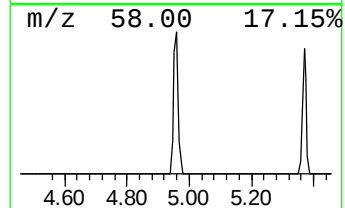
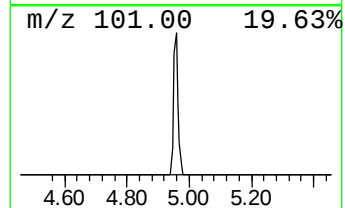
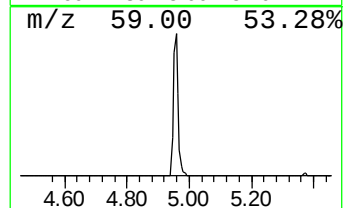
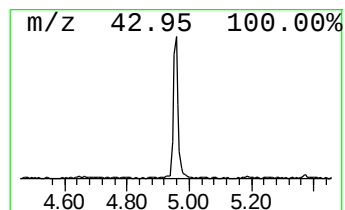
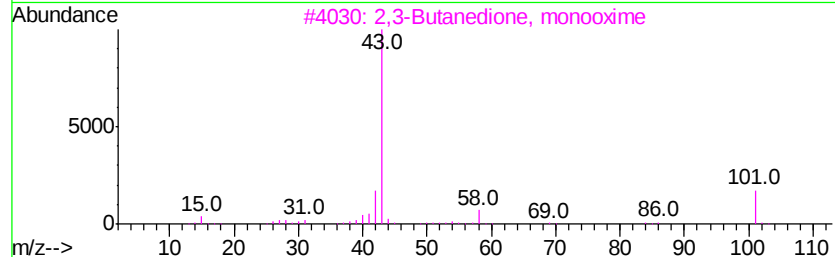
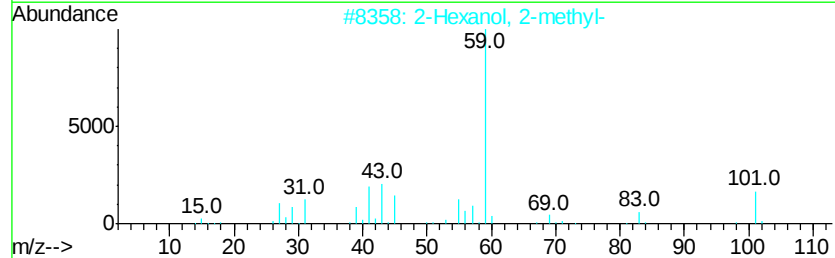
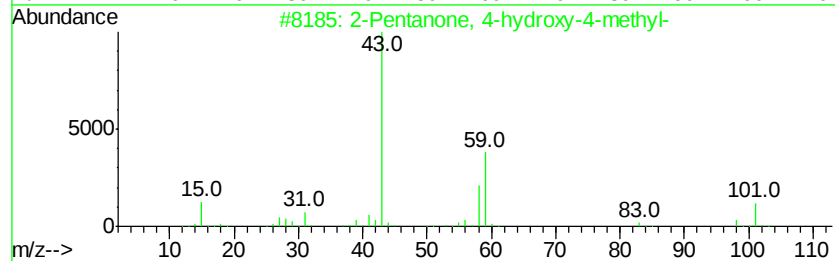
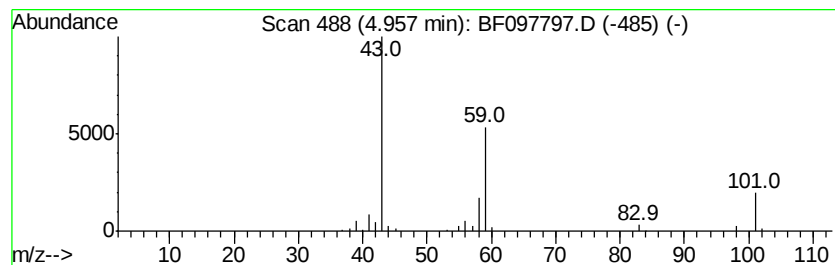
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.67 ng	115611	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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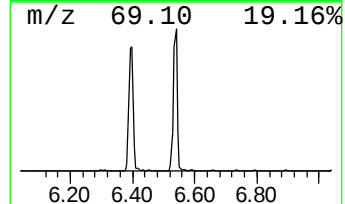
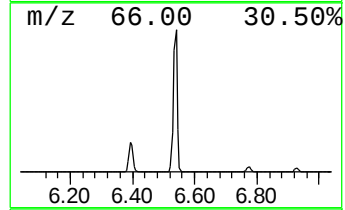
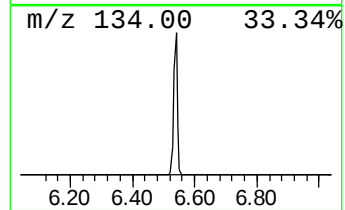
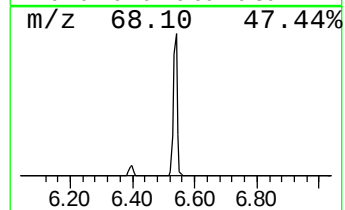
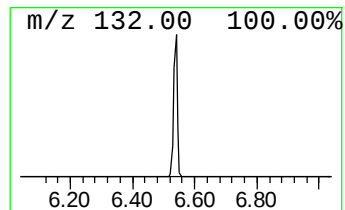
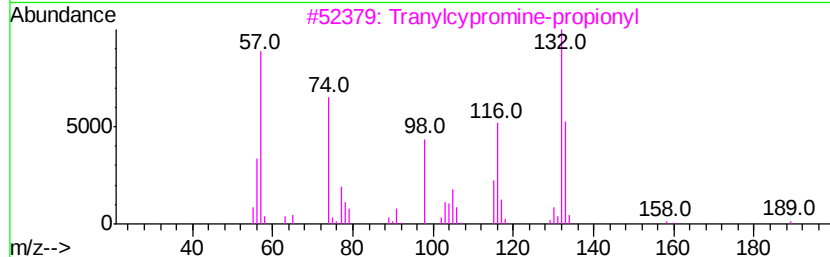
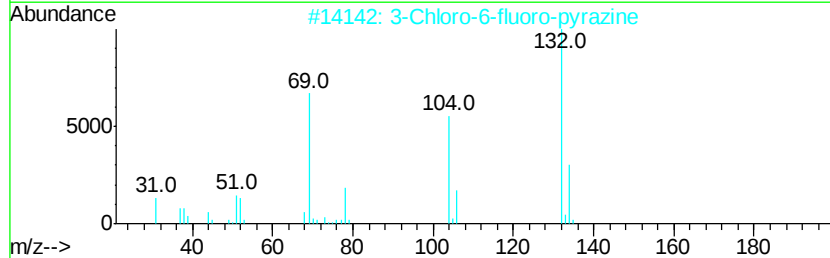
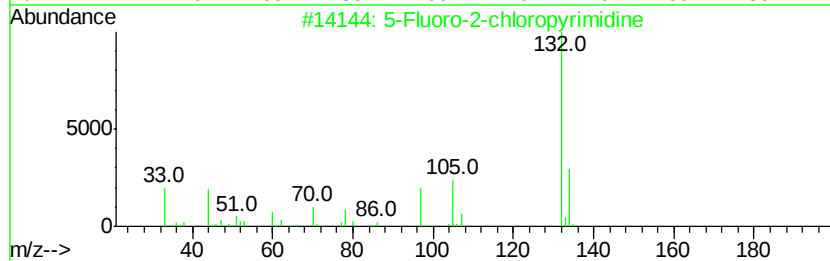
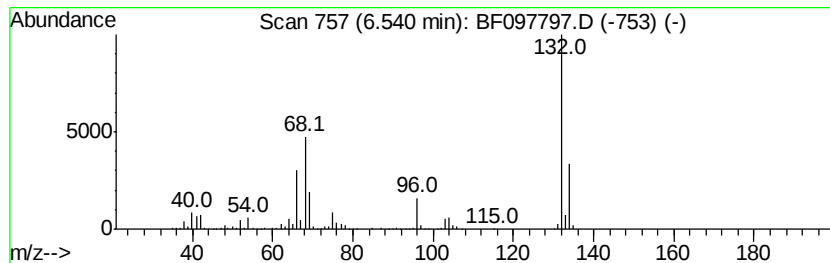
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	21.30 ng	921851	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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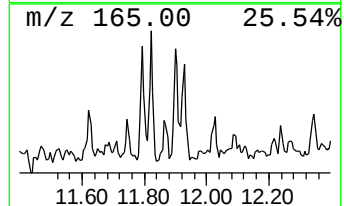
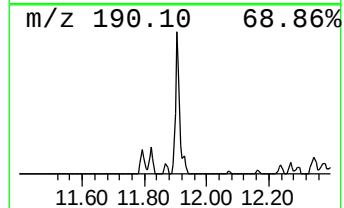
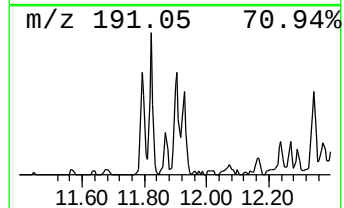
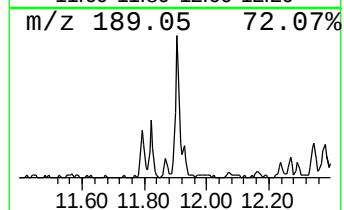
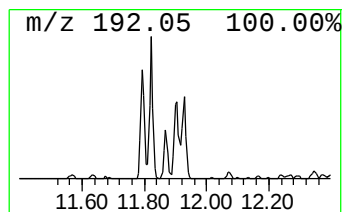
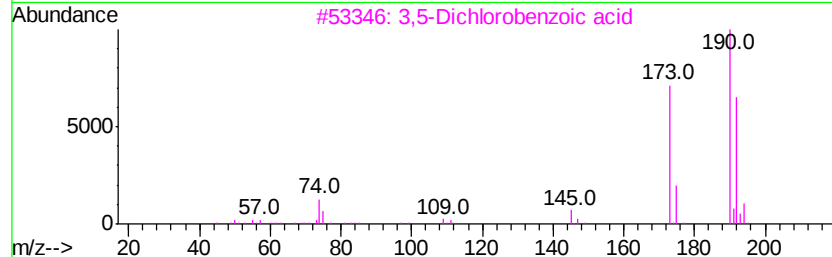
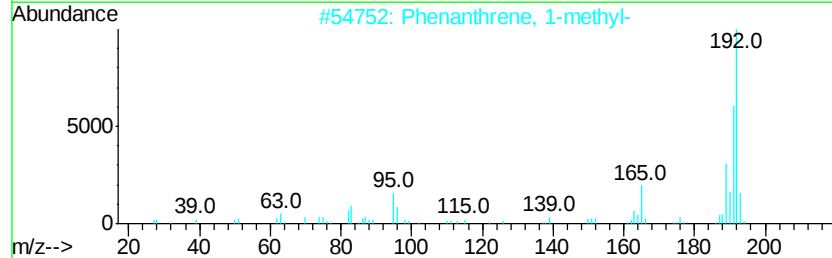
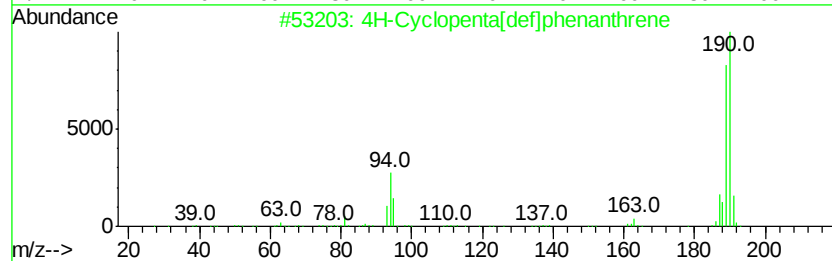
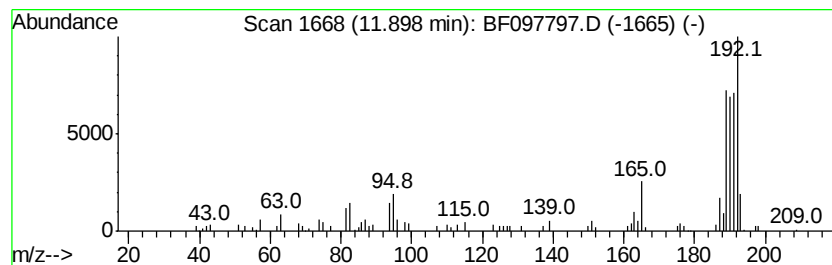
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	3.12 ng	123391	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097797.D
Acq On : 17 Aug 2017 20:27
Operator : SJ/JU
Sample : I4815-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-B

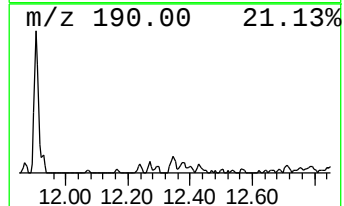
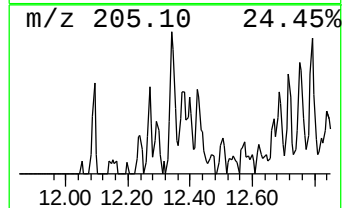
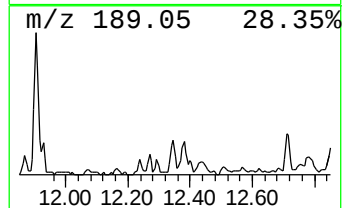
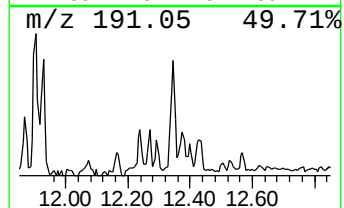
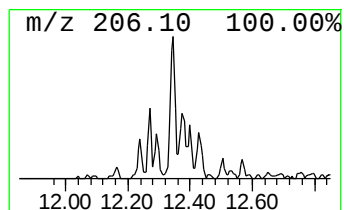
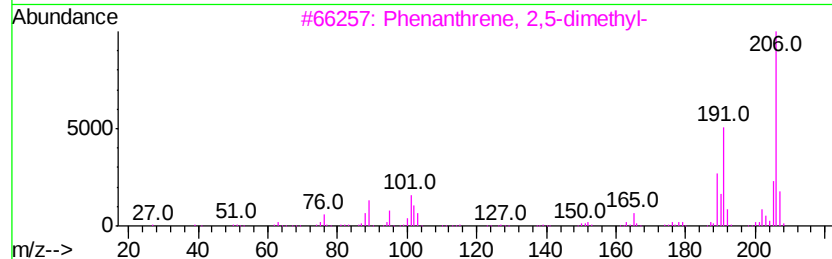
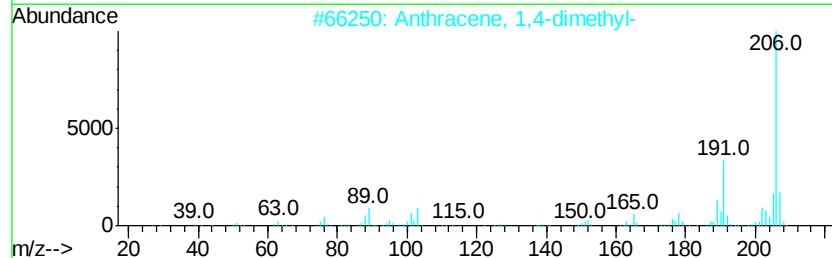
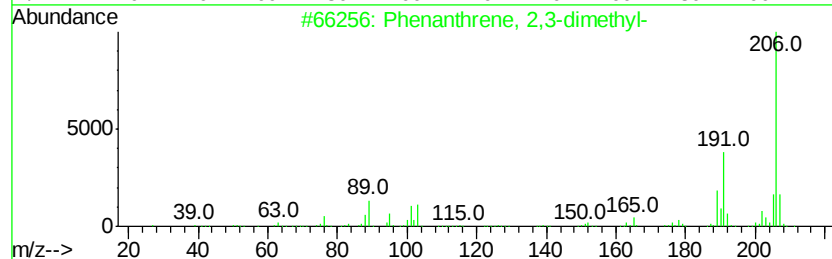
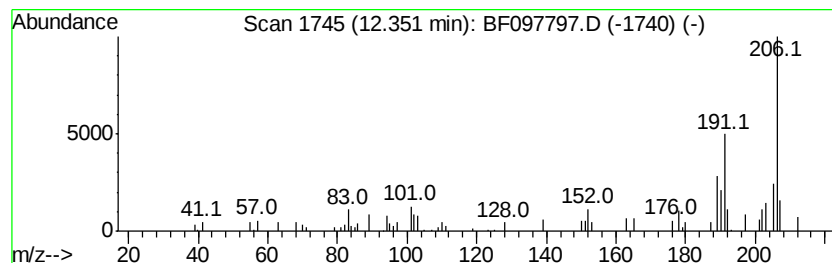
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.00 ng	79345	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



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Acq On : 17 Aug 2017 20:27
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Sample : I4815-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-B

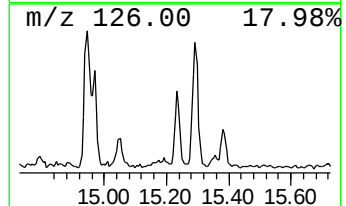
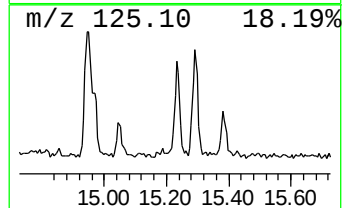
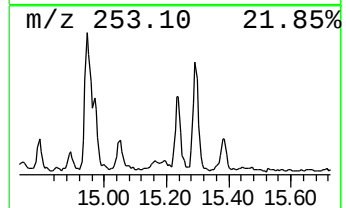
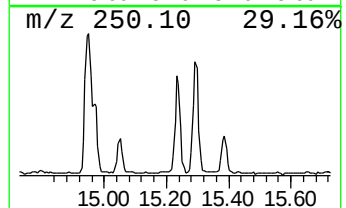
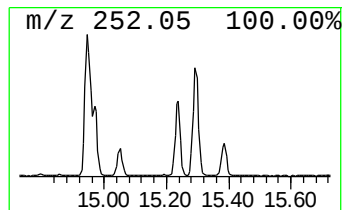
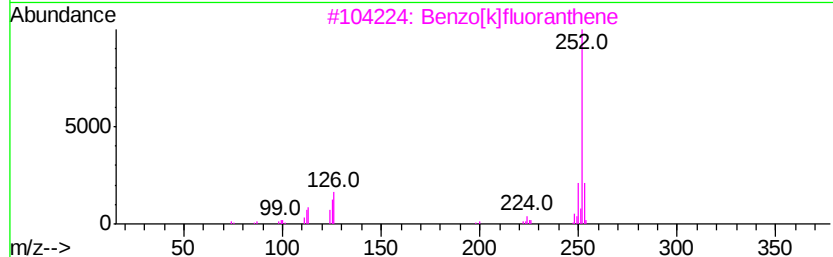
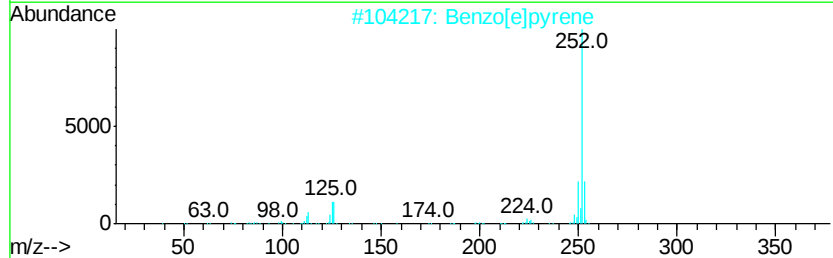
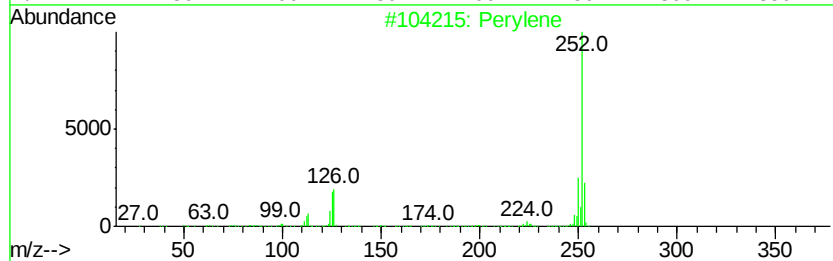
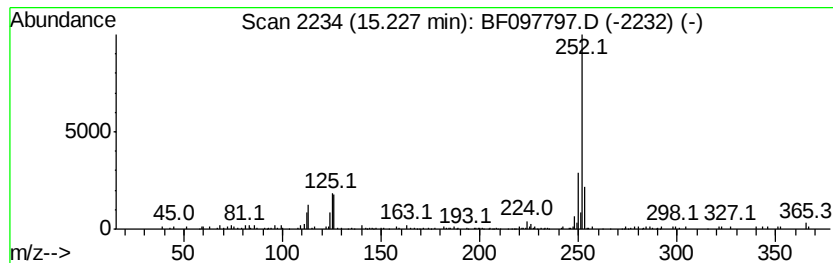
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.67 ng	183445	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.96	2.7	ng	115611	1	6.77	865471	20.0
unknown6.54	6.54	21.3	ng	921851	1	6.77	865471	20.0
4H-Cyclopenta[def...	11.90	3.1	ng	123391	4	11.29	791536	20.0
Phenanthrene, 2,3...	12.35	2.0	ng	79345	4	11.29	791536	20.0
Perylene	15.23	6.7	ng	183445	6	15.36	549873	20.0