

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097889.D
 Acq On : 19 Aug 2017 20:04
 Operator : SJ/JU
 Sample : I4847-06 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PVSC-B-COMP

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	4.940	481	485	492	rVB	129008	129689	9.44%	0.662%
2	5.357	552	556	559	rBV	957155	821619	59.78%	4.193%
3	6.381	726	730	739	rVB	967685	909757	66.20%	4.643%
4	6.522	750	754	758	rBV	1051736	906732	65.98%	4.627%
5	6.757	790	794	798	rBV	1096978	1006015	73.20%	5.134%
6	6.916	817	821	824	rBV	719671	618302	44.99%	3.155%
7	7.316	882	889	893	rBV	615677	558688	40.65%	2.851%
8	8.045	1008	1013	1015	rBV	1554896	1356443	98.70%	6.922%
9	8.063	1015	1016	1020	rVB	60122	38003	2.77%	0.194%
10	8.639	1111	1114	1118	rBV	24525	19705	1.43%	0.101%
11	8.751	1128	1133	1137	rVB	56206	55184	4.02%	0.282%
12	8.851	1147	1150	1154	rVB	48650	42575	3.10%	0.217%
13	9.116	1190	1195	1202	rBV	1056431	847942	61.70%	4.327%
14	9.204	1205	1210	1215	rBV3	40028	62138	4.52%	0.317%
15	9.310	1227	1228	1233	rVB2	17028	20861	1.52%	0.106%
16	9.386	1236	1241	1245	rVV2	37813	54695	3.98%	0.279%
17	9.451	1249	1252	1255	rVV	72654	72644	5.29%	0.371%
18	9.481	1255	1257	1259	rVV	47829	38070	2.77%	0.194%
19	9.510	1259	1262	1267	rVV	146990	145315	10.57%	0.742%
20	9.569	1269	1272	1278	rVB2	35008	41584	3.03%	0.212%
21	9.657	1283	1287	1290	rBV2	38465	42353	3.08%	0.216%
22	9.710	1293	1296	1298	rVB	22925	20014	1.46%	0.102%
23	9.733	1298	1300	1304	rVB	41441	32921	2.40%	0.168%
24	9.798	1304	1311	1314	rBV	1395342	1374320	100.00%	7.013%
25	9.828	1314	1316	1319	rVB	112194	89534	6.51%	0.457%
26	9.904	1325	1329	1332	rBV3	19168	27002	1.96%	0.138%
27	9.951	1332	1337	1341	rBV6	13078	22796	1.66%	0.116%
28	9.998	1341	1345	1347	rVV	101969	93431	6.80%	0.477%
29	10.110	1362	1364	1366	rBV	25950	20637	1.50%	0.105%
30	10.139	1366	1369	1371	rVB2	22750	20657	1.50%	0.105%
31	10.204	1376	1380	1381	rBV2	36556	41389	3.01%	0.211%
32	10.233	1382	1385	1387	rVB	42375	37753	2.75%	0.193%
33	10.339	1400	1403	1409	rVB	179861	159754	11.62%	0.815%
34	10.404	1409	1414	1416	rBV3	36075	50278	3.66%	0.257%

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35	10.451	1419	1422	1424	rVV2	57917	49984	3.64%	0.255%
36	10.498	1427	1430	1434	rVB2	54504	56865	4.14%	0.290%
37	10.575	1439	1443	1448	rBV	534302	465511	33.87%	2.376%
38	10.704	1462	1465	1472	rVB2	92237	119192	8.67%	0.608%
39	10.780	1473	1478	1480	rBV4	13579	21433	1.56%	0.109%
40	10.886	1492	1496	1498	rBV2	43408	50475	3.67%	0.258%
41	10.910	1498	1500	1503	rVV3	31283	27360	1.99%	0.140%
42	10.969	1507	1510	1513	rVB3	24026	22223	1.62%	0.113%
43	11.010	1513	1517	1519	rBV3	16541	26424	1.92%	0.135%
44	11.033	1519	1521	1527	rVV7	21689	32294	2.35%	0.165%
45	11.080	1527	1529	1533	rVB3	25959	24202	1.76%	0.124%
46	11.128	1534	1537	1539	rVV2	21620	23463	1.71%	0.120%
47	11.151	1539	1541	1543	rVV	63105	55763	4.06%	0.285%
48	11.175	1543	1545	1549	rVB2	68530	80120	5.83%	0.409%
49	11.275	1558	1562	1564	rBV	1291398	1120151	81.51%	5.716%
50	11.298	1564	1566	1569	rVV	870171	651986	47.44%	3.327%
51	11.351	1569	1575	1578	rVB	233218	224029	16.30%	1.143%
52	11.380	1578	1580	1584	rBV2	32215	35802	2.61%	0.183%
53	11.504	1598	1601	1604	rBV	33323	25925	1.89%	0.132%
54	11.575	1610	1613	1616	rBV2	44531	36762	2.67%	0.188%
55	11.604	1616	1618	1621	rVB	31756	25906	1.89%	0.132%
56	11.686	1630	1632	1636	rVB	26463	29324	2.13%	0.150%
57	11.775	1643	1647	1649	rBV	123069	106338	7.74%	0.543%
58	11.804	1649	1652	1656	rVB	157957	132270	9.62%	0.675%
59	11.851	1656	1660	1662	rBV	60291	54766	3.98%	0.279%
60	11.886	1662	1666	1668	rBV	171238	182019	13.24%	0.929%
61	11.910	1668	1670	1675	rVB	89379	82051	5.97%	0.419%
62	11.957	1675	1678	1680	rBV4	13787	19220	1.40%	0.098%
63	11.980	1680	1682	1685	rBV2	25509	23421	1.70%	0.120%
64	12.069	1695	1697	1699	rBV	67338	56912	4.14%	0.290%
65	12.092	1699	1701	1705	rVB4	27123	28727	2.09%	0.147%
66	12.222	1720	1723	1726	rVB3	33195	27422	2.00%	0.140%
67	12.251	1726	1728	1729	rBV	29460	22614	1.65%	0.115%
68	12.269	1729	1731	1734	rVB2	29875	27234	1.98%	0.139%
69	12.322	1737	1740	1743	rBV	71274	76035	5.53%	0.388%
70	12.363	1743	1747	1752	rVB4	43247	84858	6.17%	0.433%
71	12.404	1752	1754	1759	rBV4	34941	45984	3.35%	0.235%

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72	12.480	1764	1767	1771	rBV	652345	607400	44.20%	3.100%
73	12.533	1773	1776	1777	rBV2	23822	25004	1.82%	0.128%
74	12.633	1791	1793	1797	rVB2	21558	23240	1.69%	0.119%
75	12.710	1800	1806	1809	rBV	566525	599303	43.61%	3.058%
76	12.827	1823	1826	1828	rBV	42695	41757	3.04%	0.213%
77	12.857	1828	1831	1838	rVB	616380	532084	38.72%	2.715%
78	12.933	1839	1844	1846	rBV3	42135	65445	4.76%	0.334%
79	13.039	1859	1862	1865	rVB	120807	109863	7.99%	0.561%
80	13.104	1870	1873	1876	rBV2	116638	95727	6.97%	0.488%
81	13.139	1876	1879	1882	rBV2	79944	80175	5.83%	0.409%
82	13.233	1892	1895	1897	rVB	44302	36013	2.62%	0.184%
83	13.263	1897	1900	1904	rBV	41850	39155	2.85%	0.200%
84	13.439	1928	1930	1932	rBV2	31848	25471	1.85%	0.130%
85	13.539	1945	1947	1949	rBV2	19925	19414	1.41%	0.099%
86	13.651	1962	1966	1969	rBV3	50334	72629	5.28%	0.371%
87	13.686	1969	1972	1974	rVV	51562	54196	3.94%	0.277%
88	13.704	1974	1975	1977	rVV	37097	34321	2.50%	0.175%
89	13.763	1980	1985	1992	rVB3	78029	142288	10.35%	0.726%
90	13.904	2004	2009	2012	rBV2	925578	1074017	78.15%	5.481%
91	13.933	2012	2014	2020	rVB	243098	215432	15.68%	1.099%
92	14.010	2025	2027	2031	rVB	37744	31063	2.26%	0.159%
93	14.086	2038	2040	2043	rVB3	29747	27702	2.02%	0.141%
94	14.292	2072	2075	2078	rVB	55891	49659	3.61%	0.253%
95	14.386	2088	2091	2094	rBV4	52066	65938	4.80%	0.336%
96	14.921	2178	2182	2191	rBV	207055	399890	29.10%	2.041%
97	15.210	2227	2231	2237	rVB	129103	155810	11.34%	0.795%
98	15.268	2237	2241	2245	rBV	167967	200815	14.61%	1.025%
99	15.327	2247	2251	2255	rBV	559071	711967	51.81%	3.633%
100	16.704	2482	2485	2492	rVB2	56819	106521	7.75%	0.544%

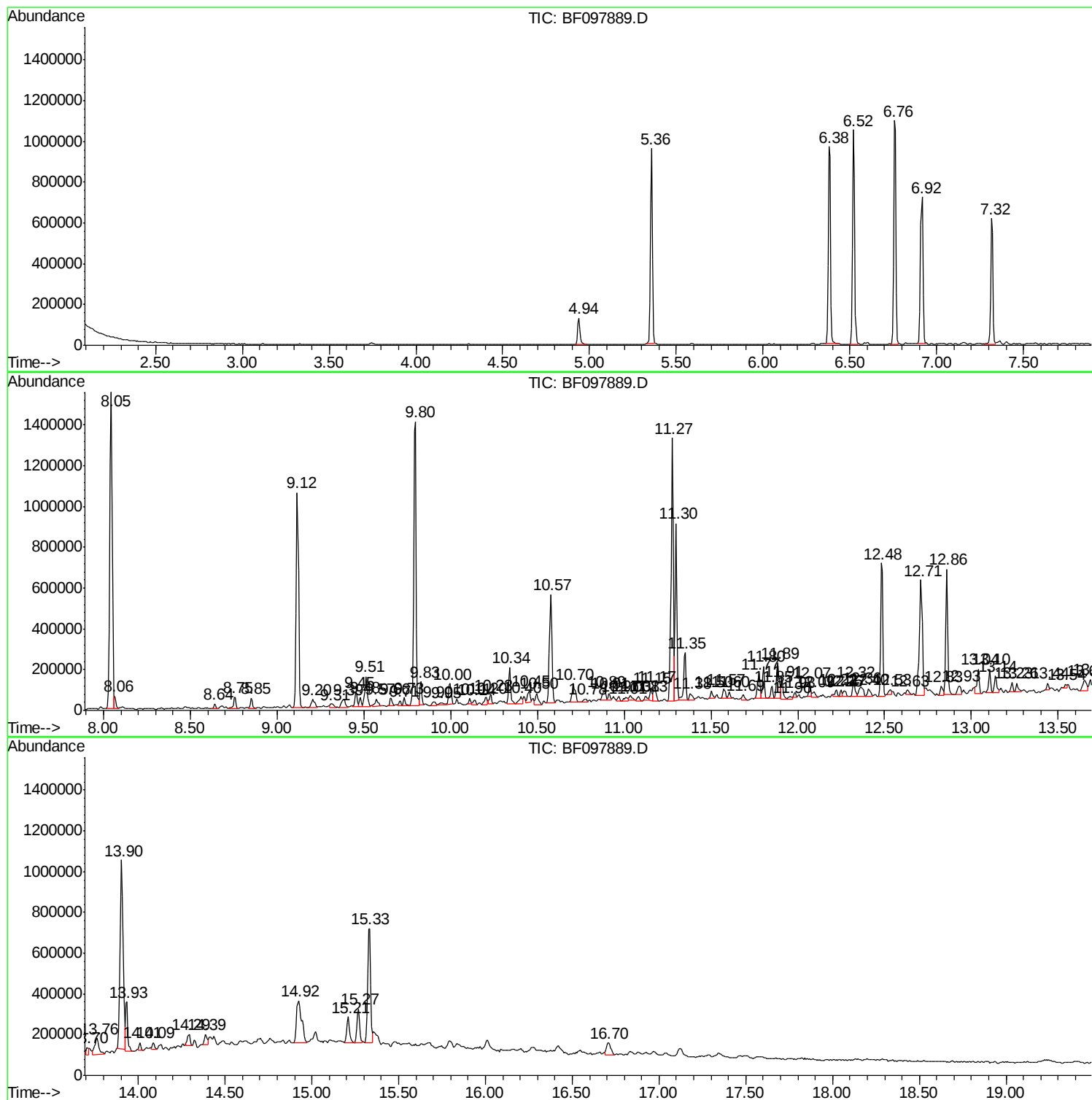
Sum of corrected areas: 19596164

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



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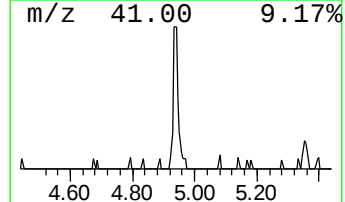
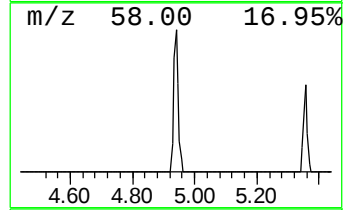
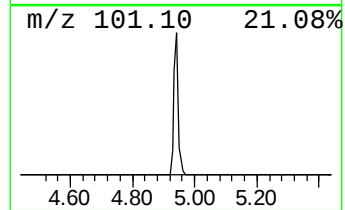
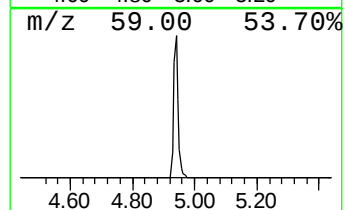
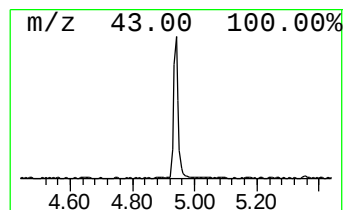
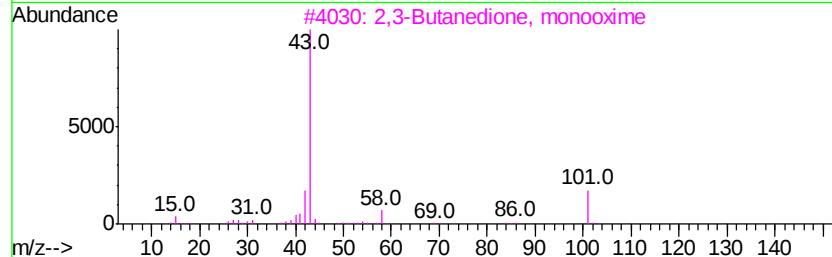
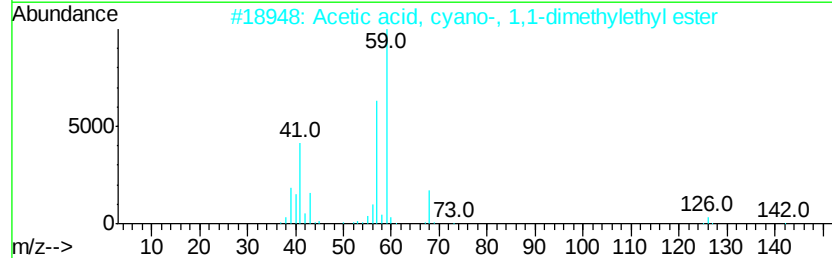
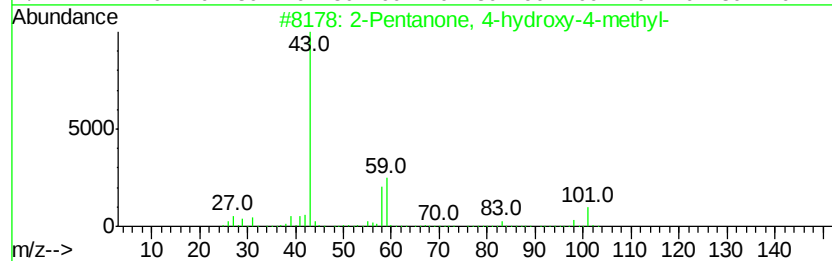
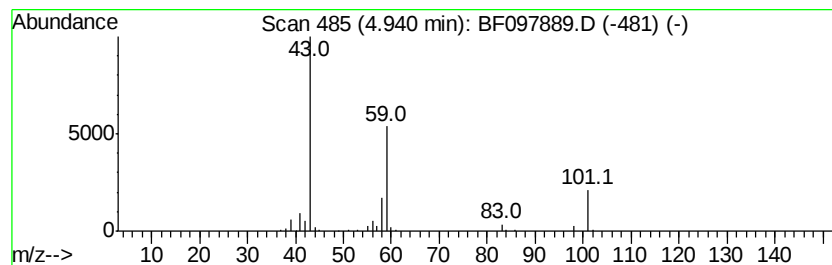
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.58 ng	129689	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Acetone	58	C3H6O	000067-64-1	9
5			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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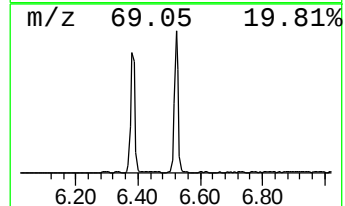
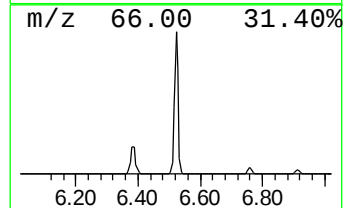
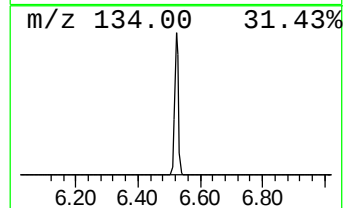
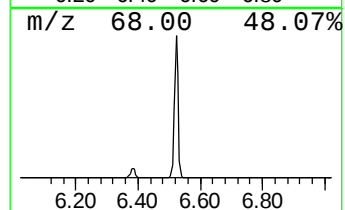
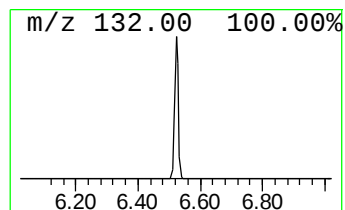
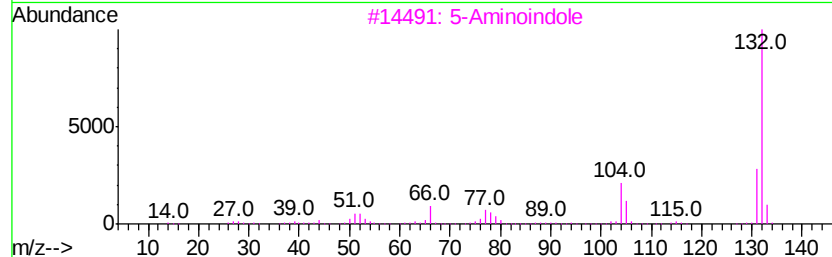
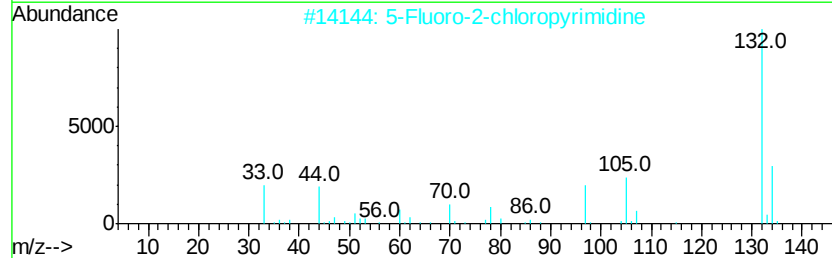
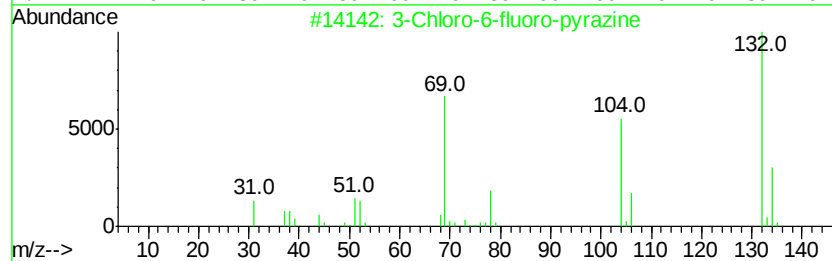
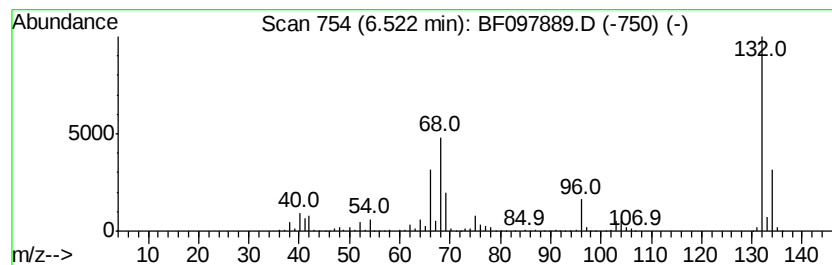
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	18.03 ng	906732	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	10
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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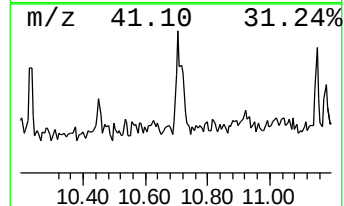
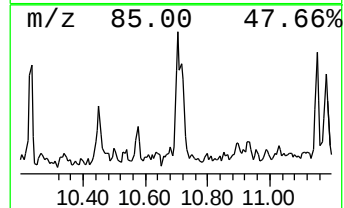
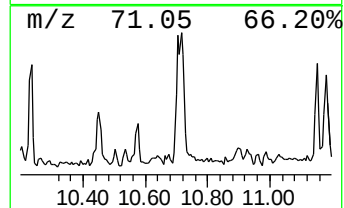
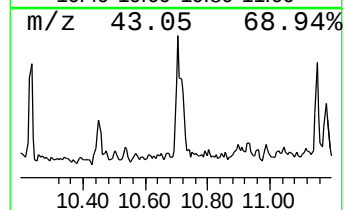
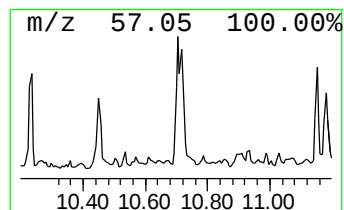
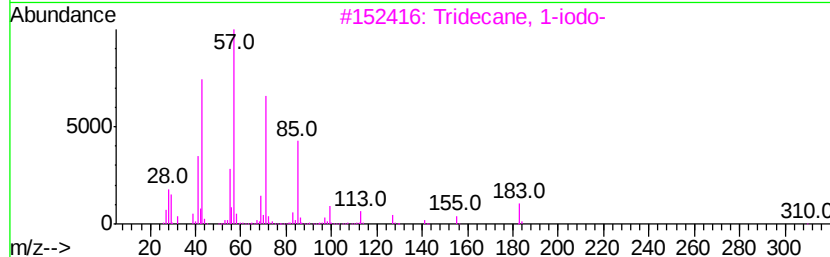
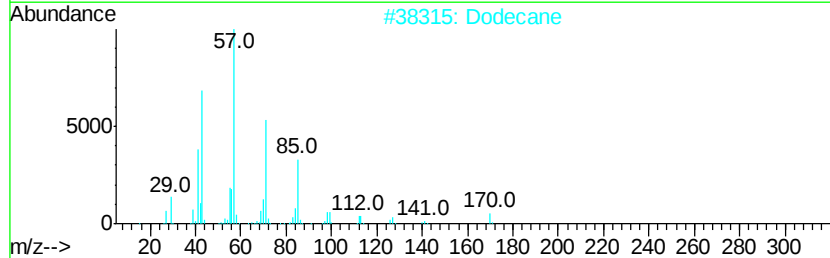
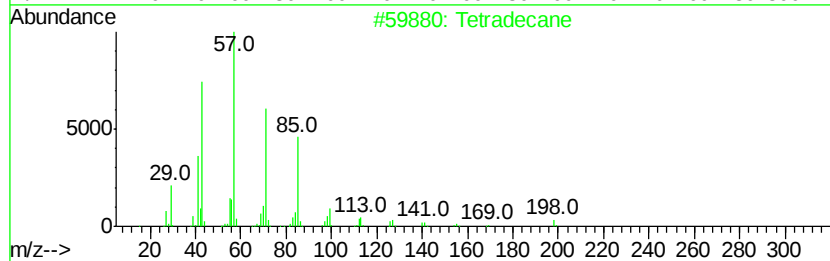
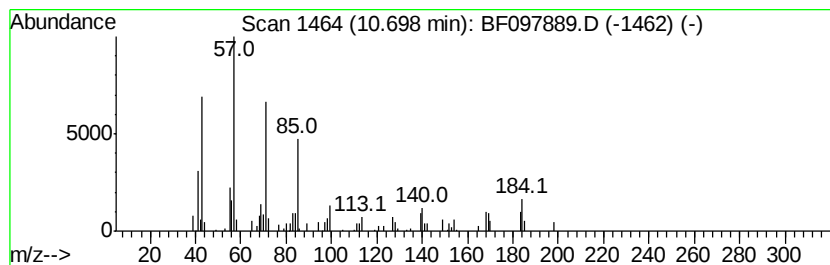
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Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.70	2.13 ng	119192	Phenanthrene-d10		11.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane	170	C12H26	000112-40-3	60
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
4	Heptacosane	380	C27H56	000593-49-7	49
5	Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
Data File : BF097889.D
Acq On : 19 Aug 2017 20:04
Operator : SJ/JU
Sample : I4847-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PVSC-B-COMP

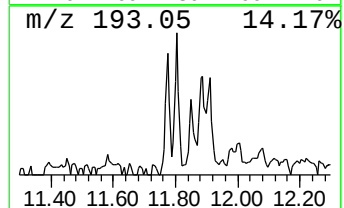
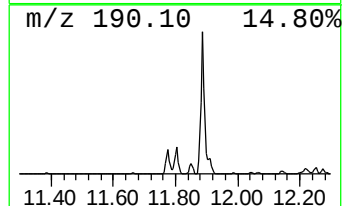
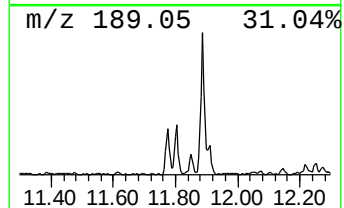
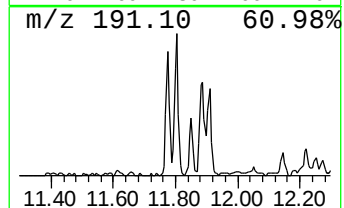
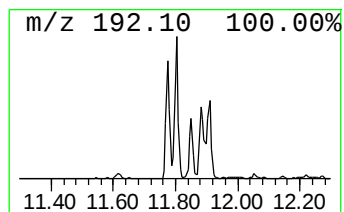
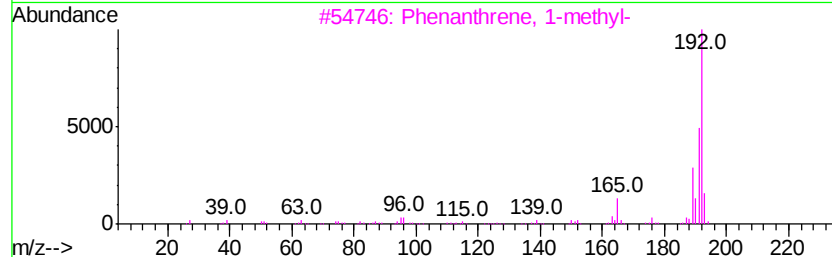
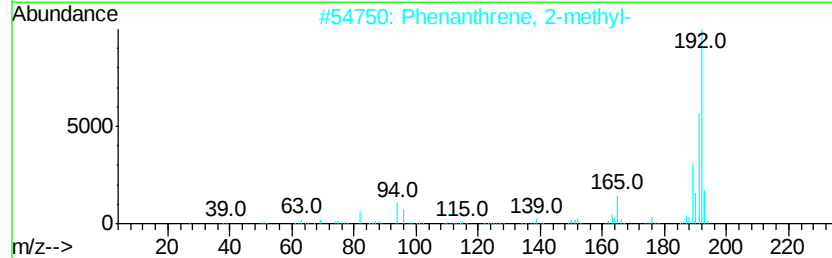
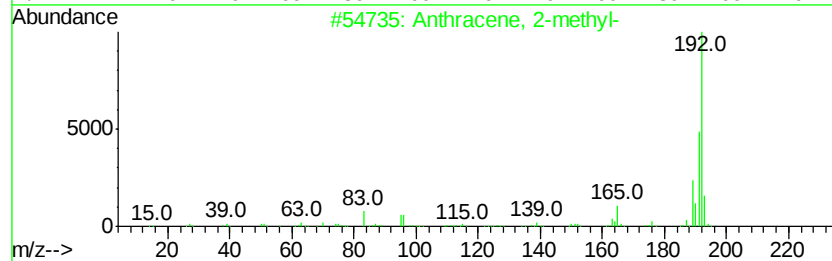
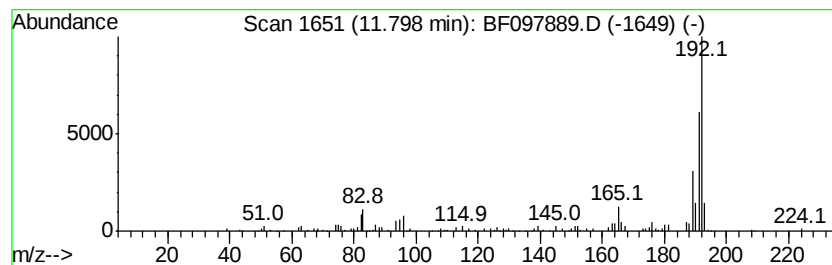
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.36 ng	132270	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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Data File : BF097889.D
Acq On : 19 Aug 2017 20:04
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Sample : I4847-06 5X
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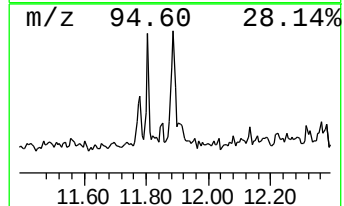
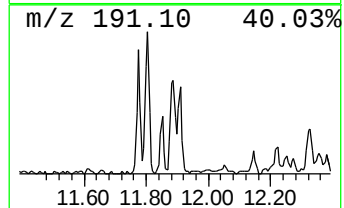
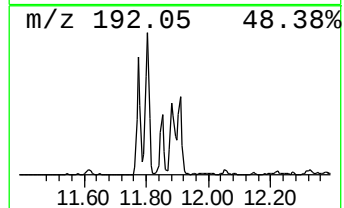
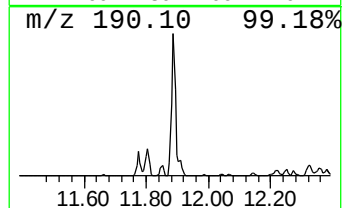
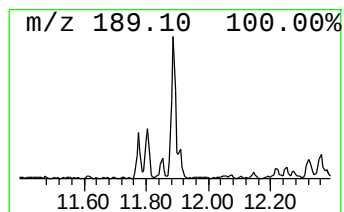
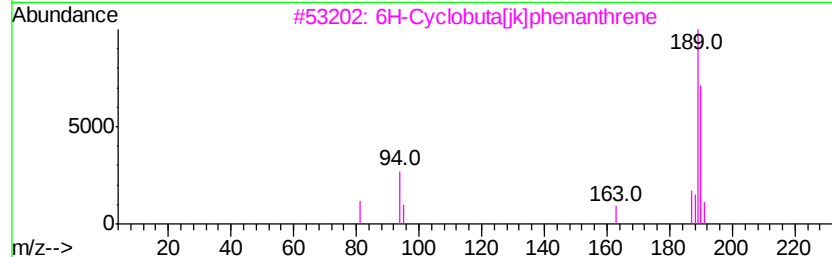
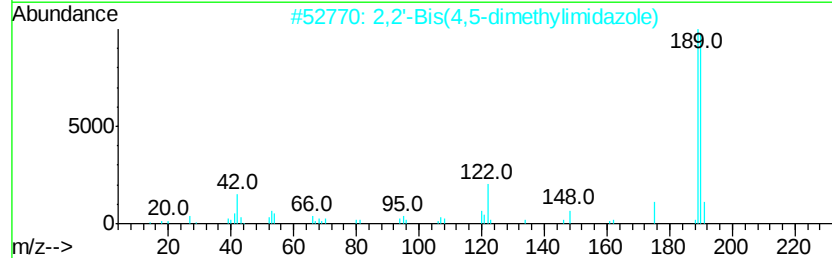
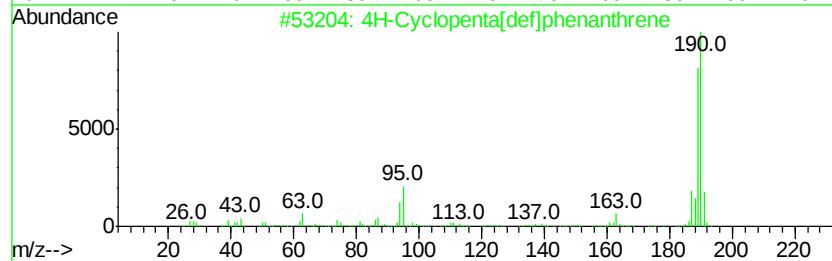
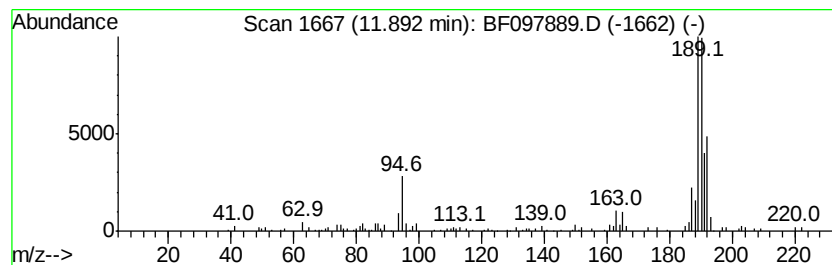
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ClientSampleId :
PVSC-B-COMP

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 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	3.25 ng	182019	Phenanthrene-d10		11.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097889.D
Acq On : 19 Aug 2017 20:04
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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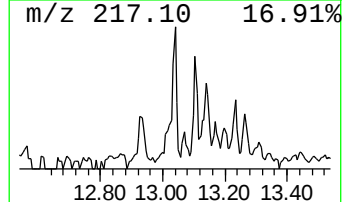
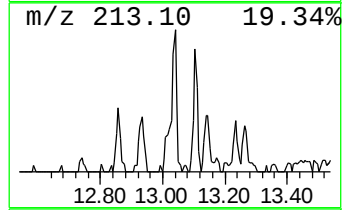
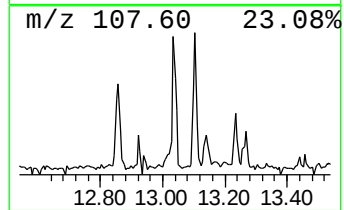
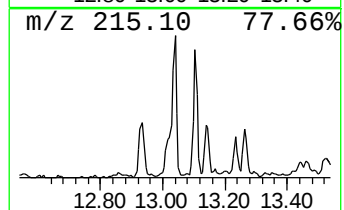
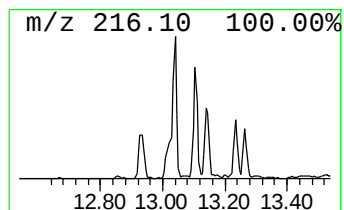
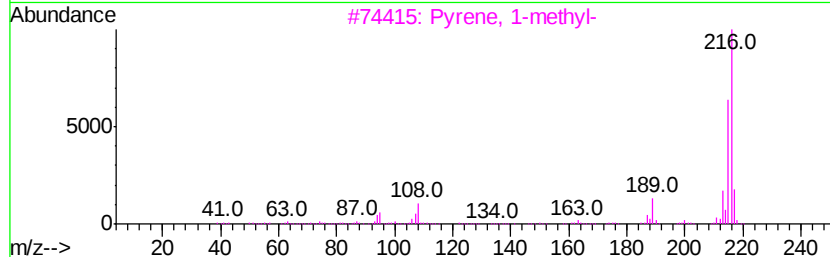
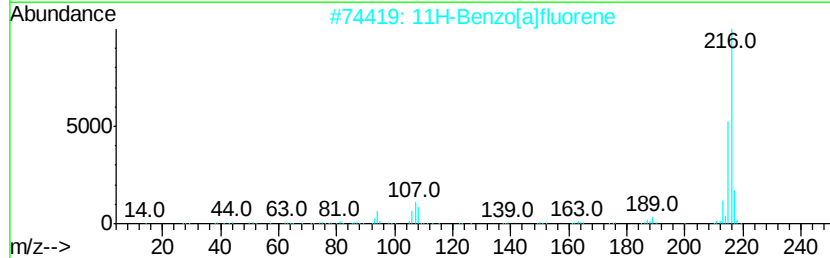
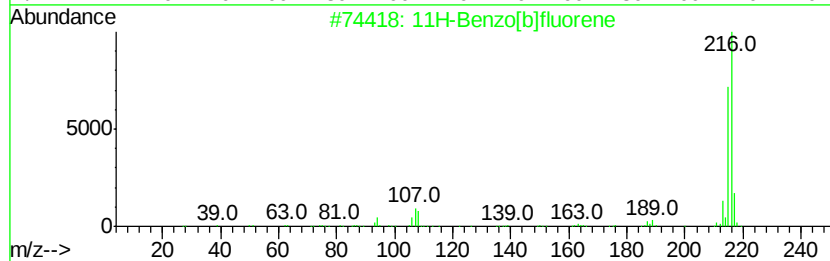
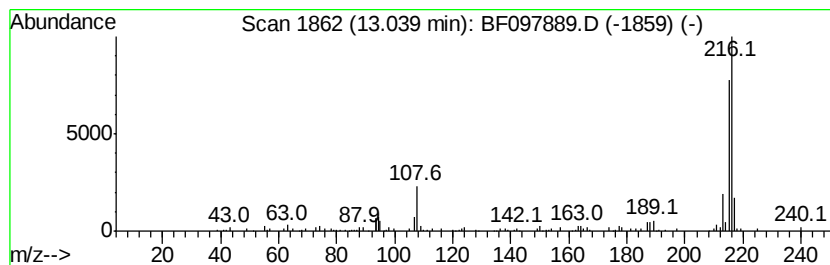
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.05 ng	109863	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	81
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
Data File : BF097889.D
Acq On : 19 Aug 2017 20:04
Operator : SJ/JU
Sample : I4847-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

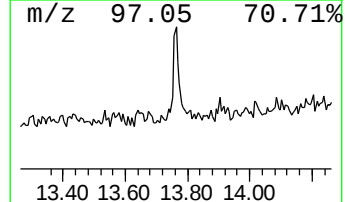
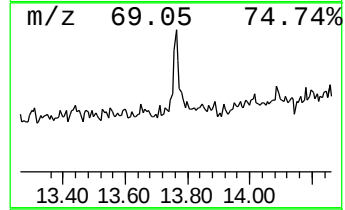
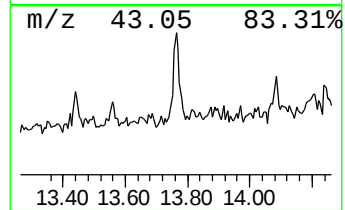
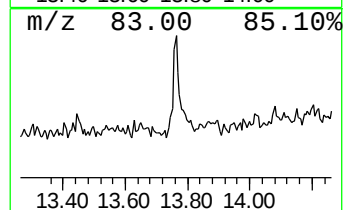
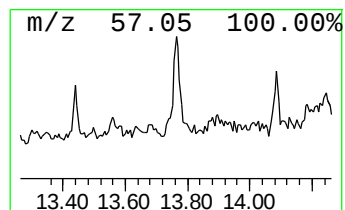
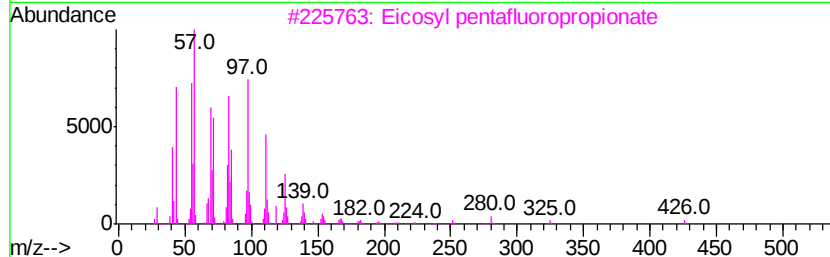
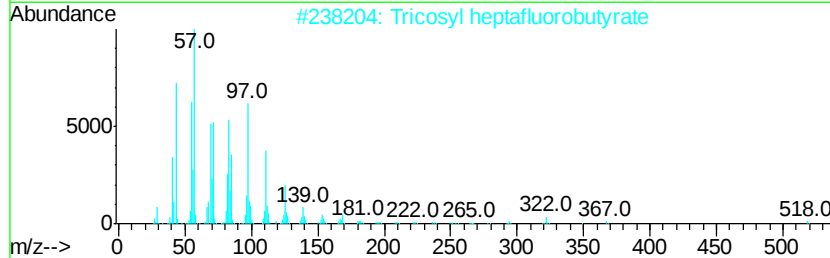
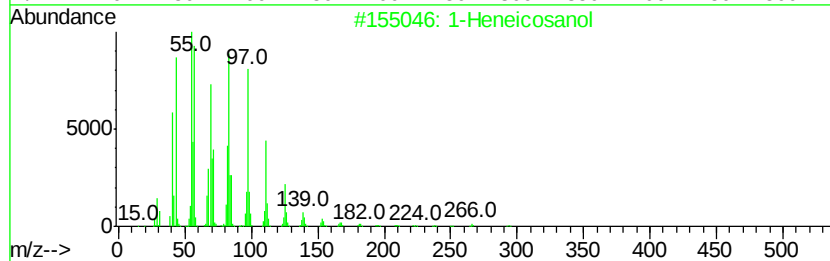
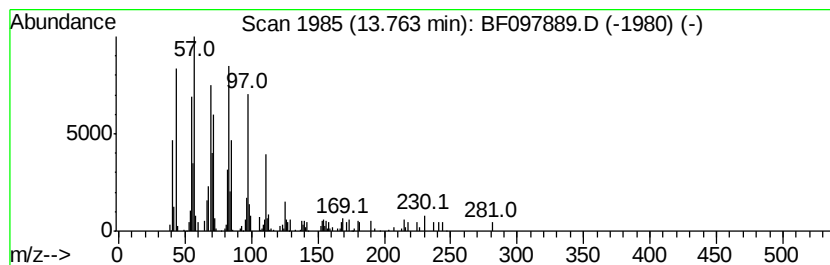
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	2.65 ng	142288	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	81
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	62
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	62
4	1-Docosene	308	C22H44	001599-67-3	58
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	55



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Acq On : 19 Aug 2017 20:04
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Misc :
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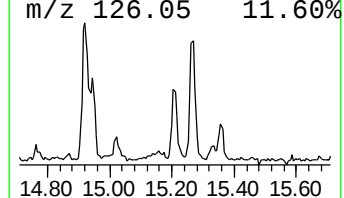
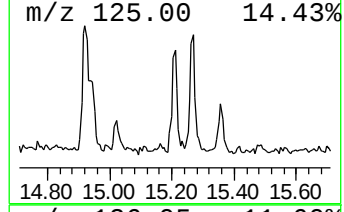
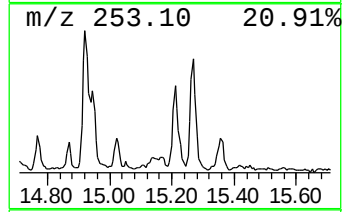
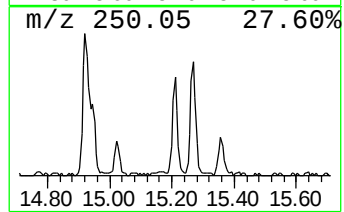
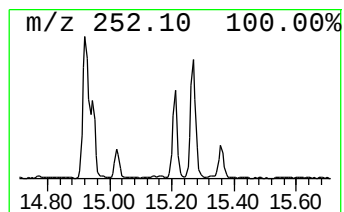
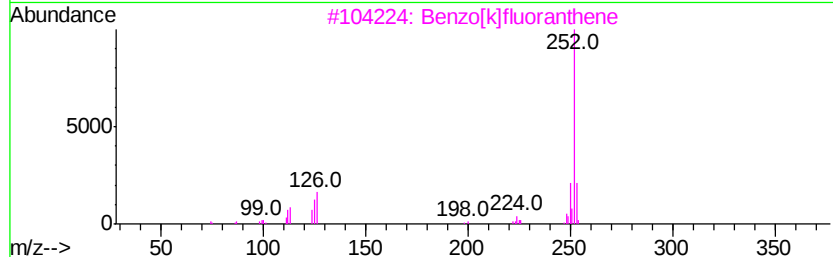
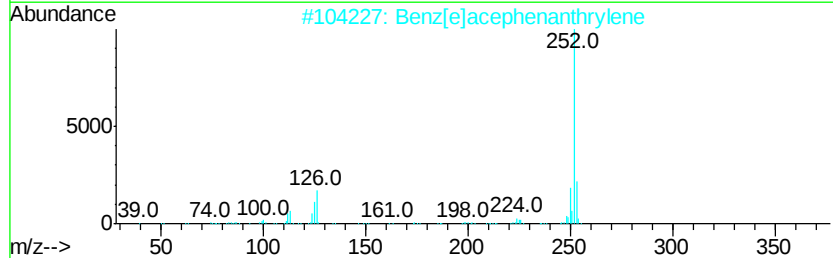
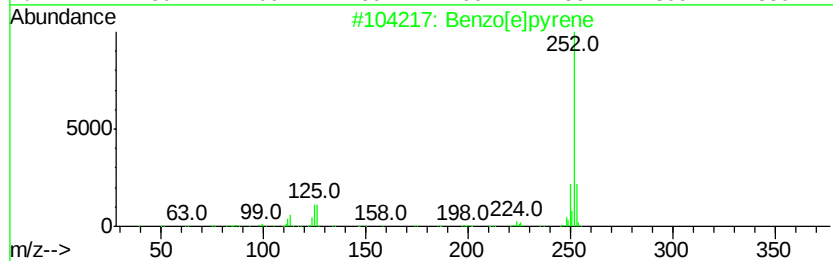
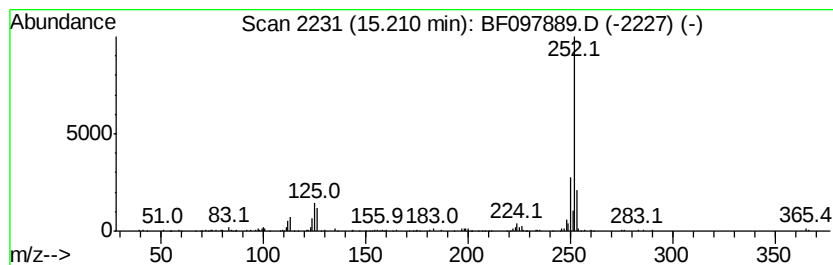
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	4.38 ng	155810	Perylene-d12	15.33

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[k]fluoranthene	252	C20H12	000207-08-9	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	2.6 ng		129689	1	6.76	1006020	20.0
unknown6.52	6.52	18.0 ng		906732	1	6.76	1006020	20.0
Tetradecane	10.70	2.1 ng		119192	4	11.27	1120150	20.0
Anthracene, 2-met...	11.80	2.4 ng		132270	4	11.27	1120150	20.0
4H-Cyclopenta[def...	11.89	3.3 ng		182019	4	11.27	1120150	20.0
11H-Benzo[b]fluorene	13.04	2.0 ng		109863	5	13.90	1074020	20.0
1-Heneicosanol	13.76	2.6 ng		142288	5	13.90	1074020	20.0
Benzo[e]pyrene	15.21	4.4 ng		155810	6	15.33	711967	20.0