

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106677.D
 Acq On : 21 Jun 2018 22:42
 Operator : JU/SJ
 Sample : J3523-06 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA2(S)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	4.078	292	296	301	rBB	12610	15795	1.73%	0.157%
2	5.178	480	483	493	rBV	85119	88773	9.75%	0.881%
3	5.601	552	555	562	rBB	126479	109289	12.00%	1.085%
4	6.595	721	724	736	rBB	381538	340448	37.39%	3.381%
5	6.731	744	747	751	rBV	299657	249772	27.43%	2.480%
6	6.778	753	755	759	rVB	27414	20299	2.23%	0.202%
7	6.960	782	786	789	rBV	480502	396215	43.52%	3.934%
8	7.113	806	812	816	rBV	376435	306586	33.67%	3.044%
9	7.519	877	881	883	rBV	273391	226742	24.90%	2.251%
10	7.537	883	884	889	rVB	47626	32251	3.54%	0.320%
11	7.760	918	922	928	rVB3	7588	11493	1.26%	0.114%
12	7.972	956	958	961	rBV2	13929	11743	1.29%	0.117%
13	8.207	995	998	1000	rBV	55667	42230	4.64%	0.419%
14	8.242	1000	1004	1007	rVV	616888	516561	56.73%	5.129%
15	8.284	1009	1011	1014	rVB	24042	19054	2.09%	0.189%
16	8.519	1048	1051	1056	rVB2	13465	16932	1.86%	0.168%
17	8.642	1070	1072	1075	rBV	30705	22935	2.52%	0.228%
18	8.813	1096	1101	1106	rVV	60111	56814	6.24%	0.564%
19	8.954	1121	1125	1128	rBV	21352	16744	1.84%	0.166%
20	9.054	1140	1142	1146	rBV2	19783	18444	2.03%	0.183%
21	9.136	1154	1156	1160	rVB3	8773	11272	1.24%	0.112%
22	9.178	1160	1163	1166	rBV2	13207	11758	1.29%	0.117%
23	9.242	1172	1174	1178	rVB	20991	18744	2.06%	0.186%
24	9.313	1182	1186	1190	rBV	546730	434136	47.68%	4.311%
25	9.383	1194	1198	1201	rBV	63983	58075	6.38%	0.577%
26	9.583	1227	1232	1235	rBV2	12568	18419	2.02%	0.183%
27	9.654	1237	1244	1247	rVV3	21422	29180	3.20%	0.290%
28	9.701	1247	1252	1260	rVB3	58512	78689	8.64%	0.781%
29	9.772	1260	1264	1266	rBV2	7452	10409	1.14%	0.103%
30	9.860	1275	1279	1281	rBV2	11781	10550	1.16%	0.105%
31	9.913	1284	1288	1292	rVB	61581	54933	6.03%	0.545%
32	10.001	1299	1303	1306	rBV2	598817	510082	56.02%	5.065%
33	10.031	1306	1308	1316	rVB	51264	48727	5.35%	0.484%
34	10.201	1334	1337	1340	rBV3	22868	24587	2.70%	0.244%

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35	10.236	1340	1343	1347	rVB3	14797	16817	1.85%	0.167%
36	10.313	1353	1356	1359	rBV2	9837	9543	1.05%	0.095%
37	10.413	1366	1373	1376	rBV	53432	50717	5.57%	0.504%
38	10.548	1392	1396	1403	rVB	25484	25798	2.83%	0.256%
39	10.630	1406	1410	1413	rBV3	25624	28471	3.13%	0.283%
40	10.789	1434	1437	1441	rBV4	15829	17233	1.89%	0.171%
41	10.883	1450	1453	1463	rVB3	48899	78791	8.65%	0.782%
42	10.960	1463	1466	1468	rBV	11293	10383	1.14%	0.103%
43	10.995	1468	1472	1476	rVB4	9945	13434	1.48%	0.133%
44	11.142	1495	1497	1500	rVB2	11785	10925	1.20%	0.108%
45	11.177	1500	1503	1506	rBV2	12944	12756	1.40%	0.127%
46	11.219	1506	1510	1513	rBV4	6417	10496	1.15%	0.104%
47	11.336	1526	1530	1532	rBV	34546	30976	3.40%	0.308%
48	11.366	1532	1535	1537	rVV2	23757	23794	2.61%	0.236%
49	11.389	1537	1539	1541	rVB	16316	11949	1.31%	0.119%
50	11.495	1553	1557	1559	rBV	540640	502791	55.22%	4.993%
51	11.519	1559	1561	1564	rVV	277220	216434	23.77%	2.149%
52	11.566	1564	1569	1573	rVV	72185	64224	7.05%	0.638%
53	11.601	1573	1575	1580	rVB	13391	13765	1.51%	0.137%
54	11.725	1591	1596	1600	rBV	47250	47998	5.27%	0.477%
55	11.760	1600	1602	1605	rVB	27050	19785	2.17%	0.196%
56	11.825	1610	1613	1617	rVB5	6996	9887	1.09%	0.098%
57	11.995	1638	1642	1644	rBV	33058	30604	3.36%	0.304%
58	12.024	1644	1647	1651	rVB	48674	46808	5.14%	0.465%
59	12.072	1651	1655	1658	rBV	18694	23413	2.57%	0.232%
60	12.107	1658	1661	1664	rVV2	57047	65782	7.22%	0.653%
61	12.130	1664	1665	1669	rVB	26348	17639	1.94%	0.175%
62	12.172	1669	1672	1674	rBV2	29147	27601	3.03%	0.274%
63	12.289	1689	1692	1694	rBV	24799	20240	2.22%	0.201%
64	12.319	1694	1697	1700	rVB4	11411	10917	1.20%	0.108%
65	12.554	1732	1737	1739	rBV3	39779	66791	7.34%	0.663%
66	12.630	1748	1750	1753	rBV3	15158	17096	1.88%	0.170%
67	12.660	1753	1755	1760	rVB5	10305	12461	1.37%	0.124%
68	12.713	1760	1764	1767	rBV	512418	483956	53.15%	4.806%
69	12.742	1767	1769	1772	rVV3	11468	10944	1.20%	0.109%
70	12.771	1772	1774	1777	rVB2	17329	12729	1.40%	0.126%
71	12.801	1777	1779	1781	rBV3	9434	9716	1.07%	0.096%

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72	12.860	1786	1789	1792	rBV2	18193	22159	2.43%	0.220%
73	12.942	1800	1803	1808	rVB	500320	467357	51.33%	4.641%
74	12.989	1808	1811	1814	rVB3	28008	27038	2.97%	0.268%
75	13.071	1818	1825	1828	rBV	488359	480542	52.78%	4.772%
76	13.095	1828	1829	1833	rVB	44713	38064	4.18%	0.378%
77	13.160	1835	1840	1843	rBV2	31573	55007	6.04%	0.546%
78	13.189	1843	1845	1848	rBV	18078	15739	1.73%	0.156%
79	13.236	1850	1853	1855	rBV4	29820	37699	4.14%	0.374%
80	13.266	1855	1858	1861	rVB	100994	87490	9.61%	0.869%
81	13.330	1866	1869	1872	rBV	111390	99543	10.93%	0.988%
82	13.371	1872	1876	1878	rBV2	54131	63117	6.93%	0.627%
83	13.395	1878	1880	1883	rVB	24236	22799	2.50%	0.226%
84	13.466	1890	1892	1895	rBV	21842	21185	2.33%	0.210%
85	13.495	1895	1897	1900	rVV3	32307	33173	3.64%	0.329%
86	13.548	1903	1906	1908	rVB	53467	45715	5.02%	0.454%
87	13.624	1916	1919	1923	rBV5	30956	47174	5.18%	0.468%
88	13.748	1938	1940	1943	rBV2	33933	35372	3.88%	0.351%
89	13.777	1943	1945	1949	rVB2	28837	32754	3.60%	0.325%
90	13.889	1961	1964	1967	rBV	55147	57186	6.28%	0.568%
91	13.918	1967	1969	1971	rVV	39842	29380	3.23%	0.292%
92	13.954	1971	1975	1979	rVV3	72717	95300	10.47%	0.946%
93	14.142	2002	2007	2010	rBV2	682929	910504	100.00%	9.041%
94	14.171	2010	2012	2019	rVB	326266	279374	30.68%	2.774%
95	14.254	2023	2026	2028	rBV	68093	69285	7.61%	0.688%
96	15.224	2187	2191	2194	rBV	188119	291463	32.01%	2.894%
97	15.548	2243	2246	2252	rVB	107153	141081	15.49%	1.401%
98	15.612	2253	2257	2263	rBV	150977	195571	21.48%	1.942%
99	15.677	2264	2268	2272	rBV	277794	366896	40.30%	3.643%
100	17.236	2530	2533	2540	rBV2	44047	80415	8.83%	0.799%

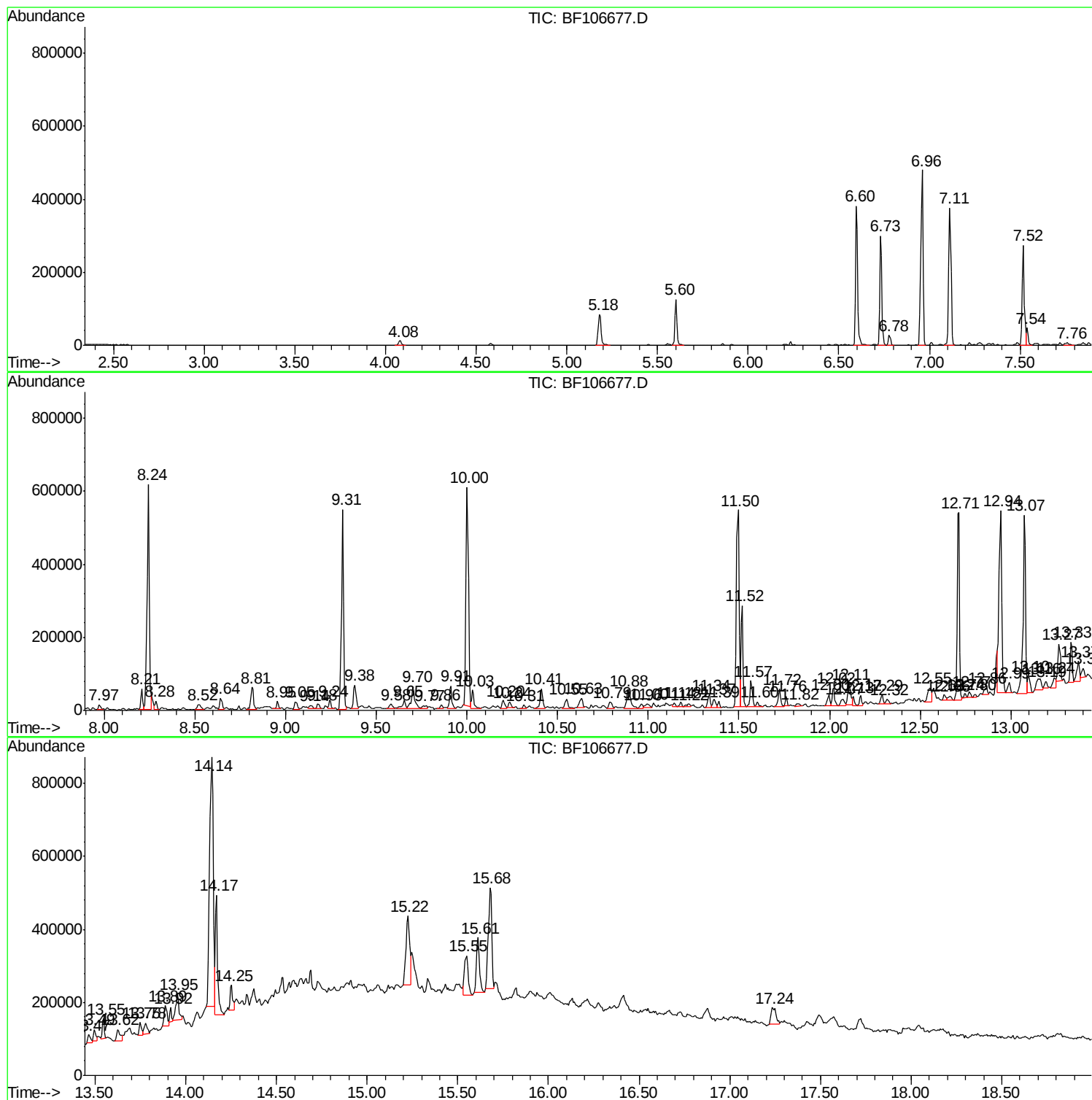
Sum of corrected areas: 10070727

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



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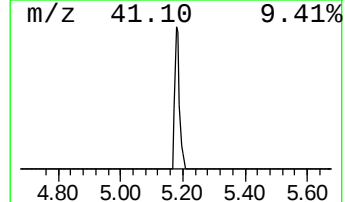
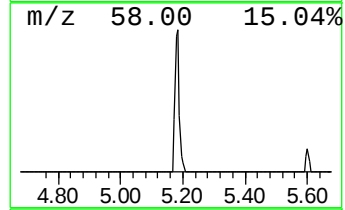
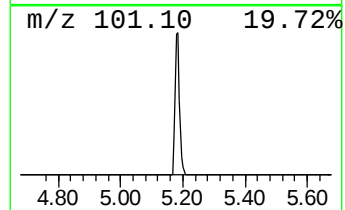
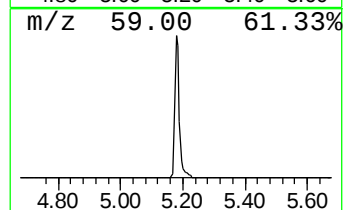
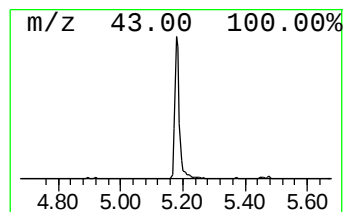
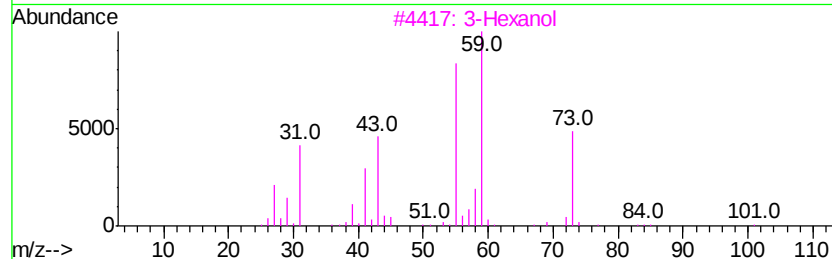
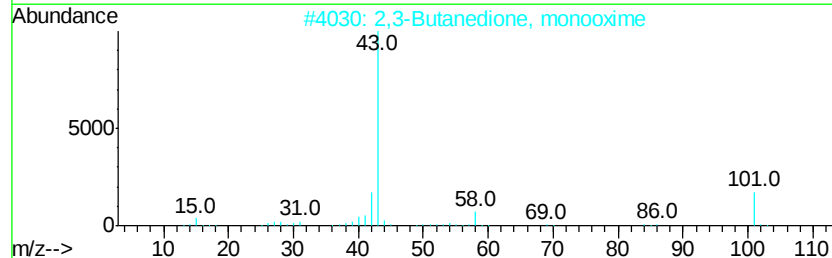
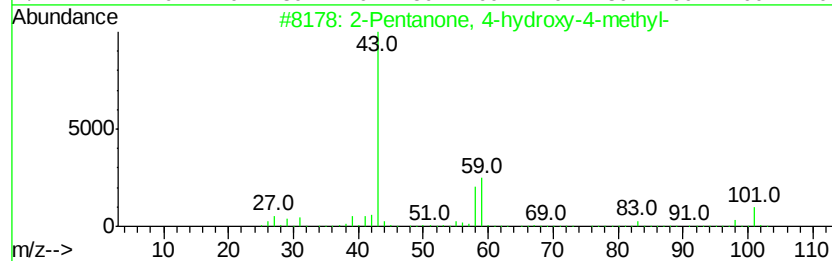
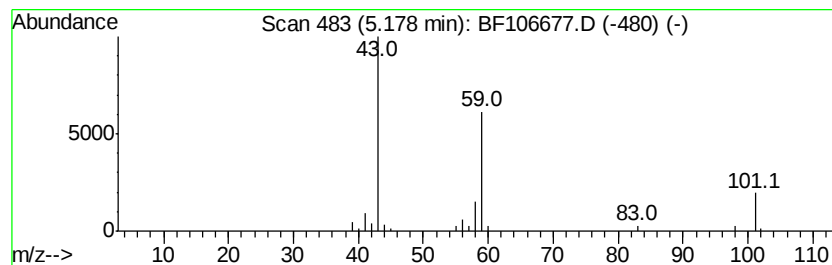
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.48 ng	88773	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		3-Hexanol	102	C6H14O	000623-37-0	28
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23



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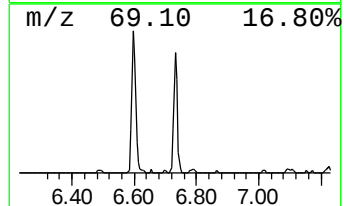
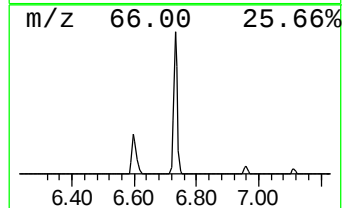
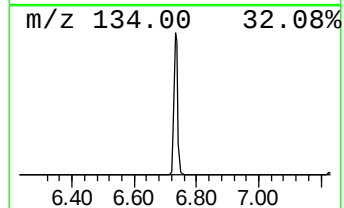
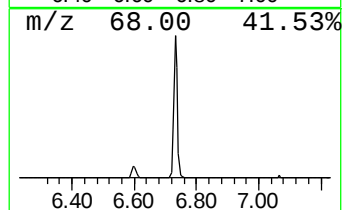
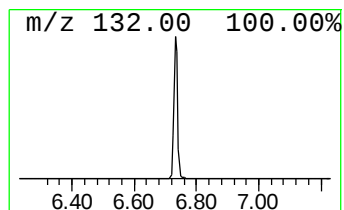
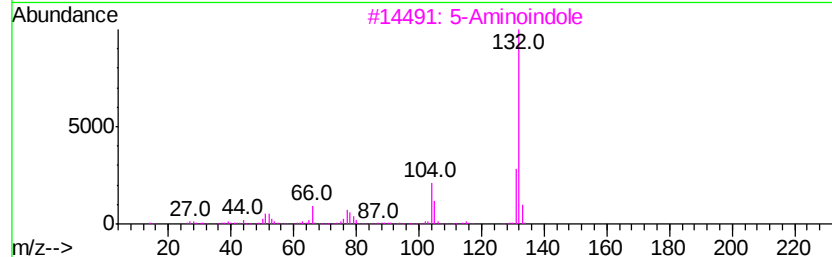
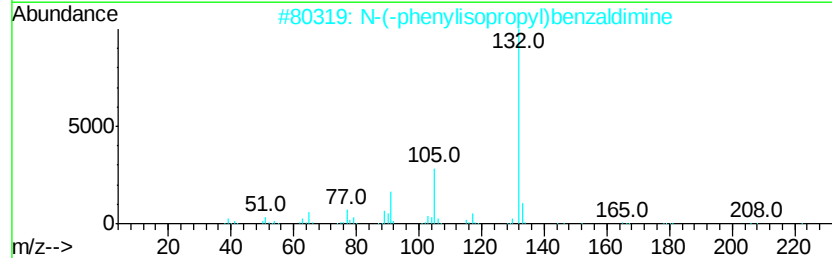
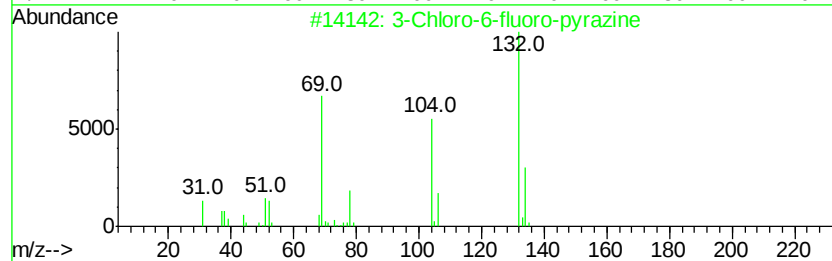
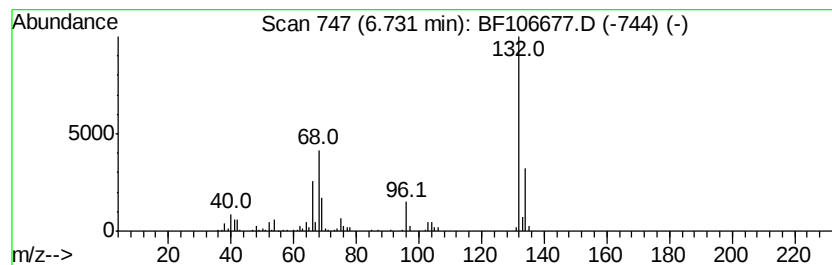
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	12.61 ng	249772	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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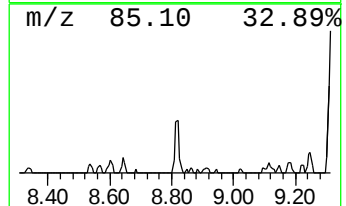
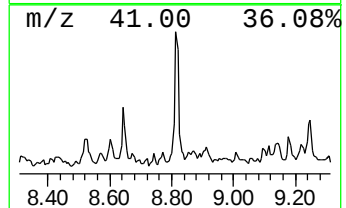
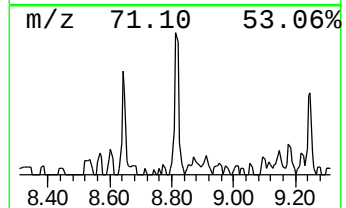
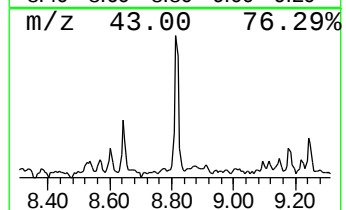
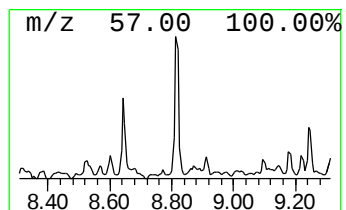
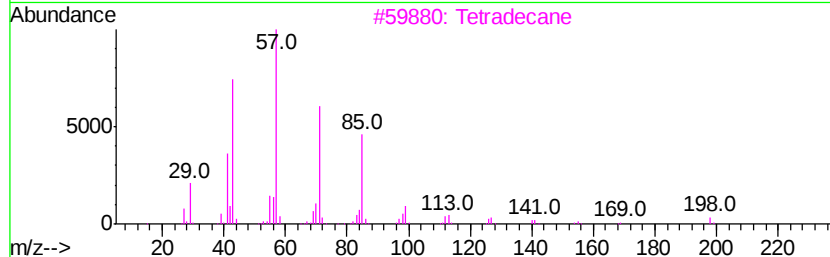
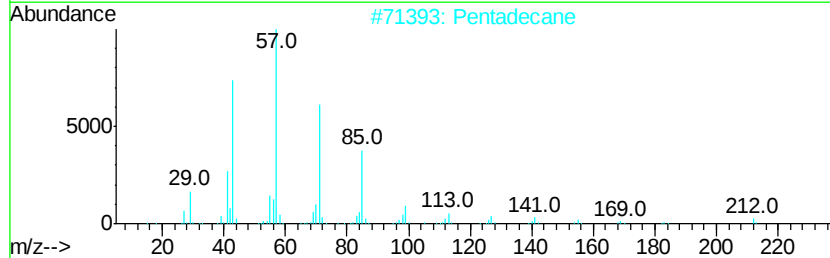
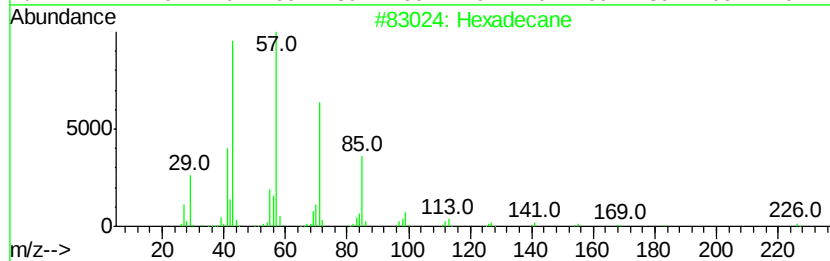
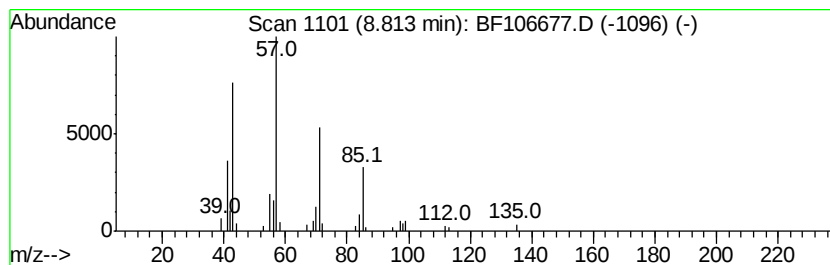
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Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.20 ng	56814	Naphthalene-d8	8.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Pentadecane		212	C15H32	000629-62-9	83
3	Tetradecane		198	C14H30	000629-59-4	78
4	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	72
5	Tridecane		184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106677.D
Acq On : 21 Jun 2018 22:42
Operator : JU/SJ
Sample : J3523-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AREA2(S)

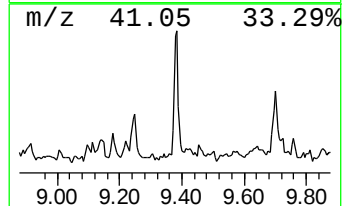
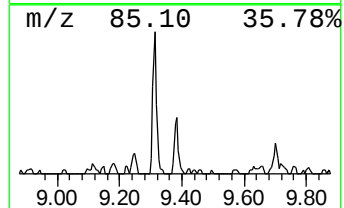
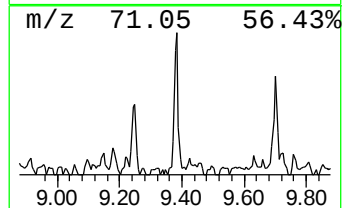
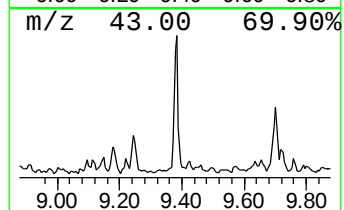
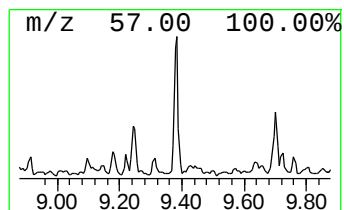
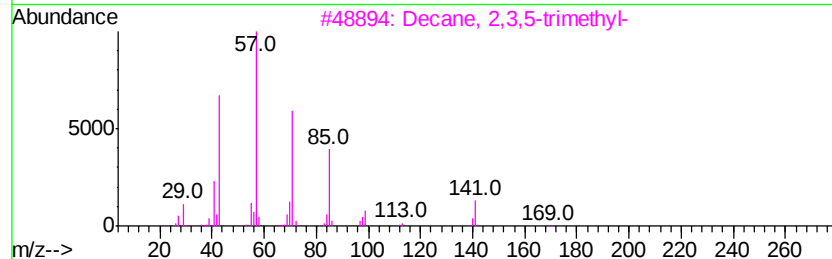
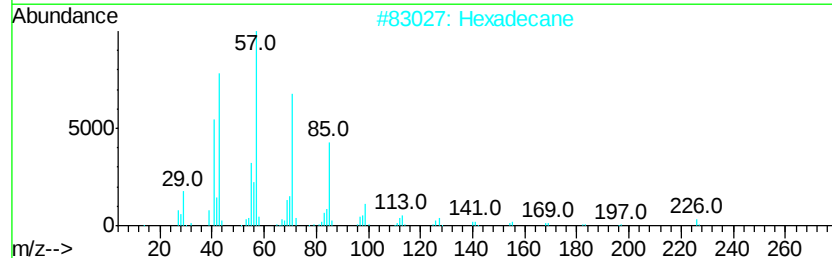
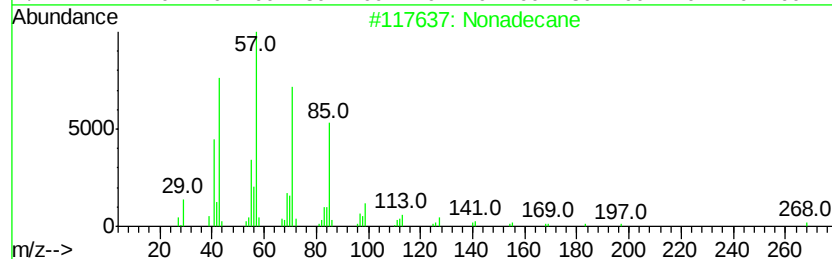
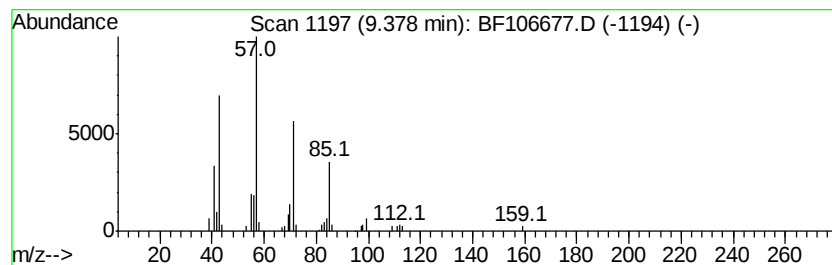
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.28 ng	58075	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	83
2	Hexadecane		226	C16H34	000544-76-3	80
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	80
4	Tetradecane		198	C14H30	000629-59-4	74
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	72



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Acq On : 21 Jun 2018 22:42
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ClientSampleId :
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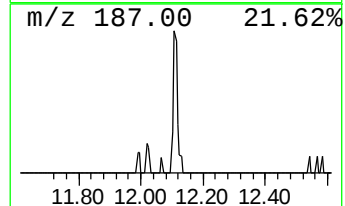
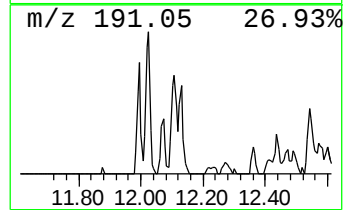
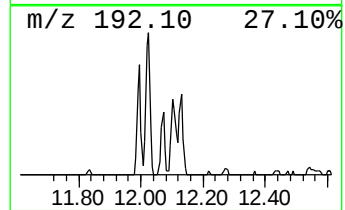
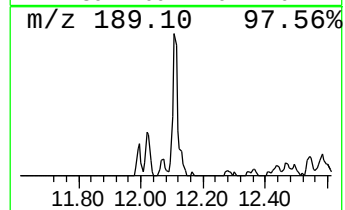
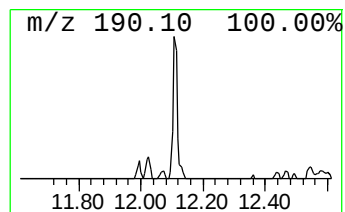
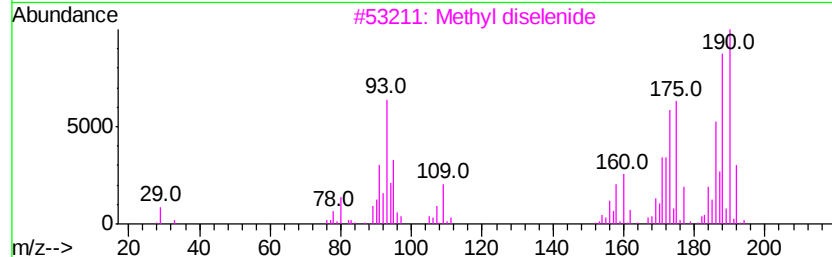
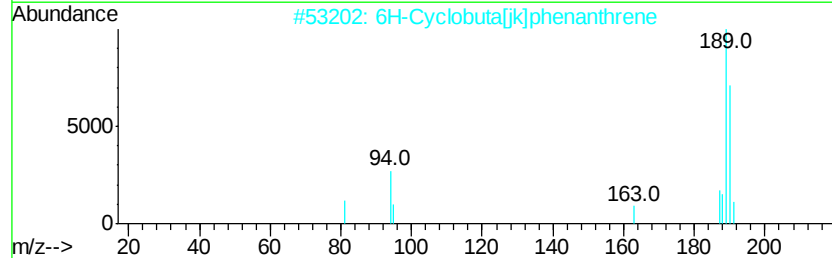
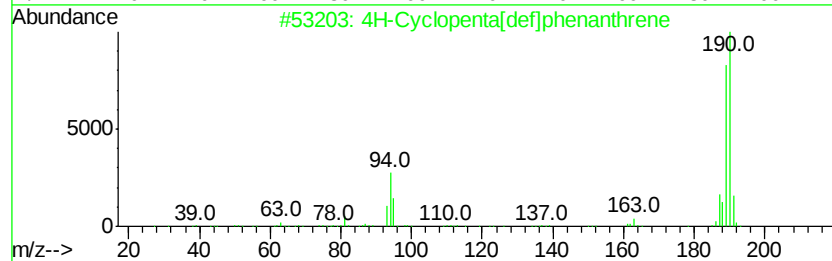
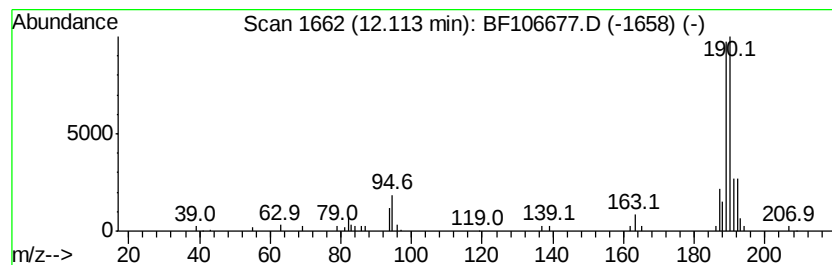
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.62 ng	65782	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	46
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Misc :
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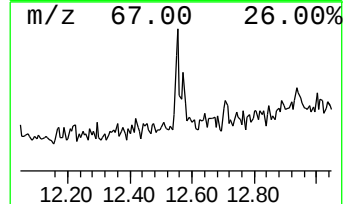
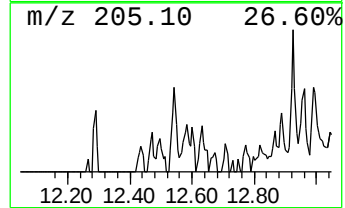
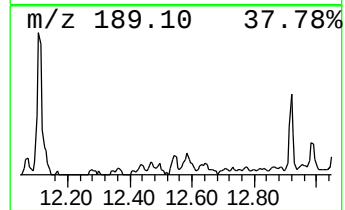
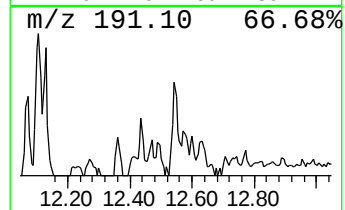
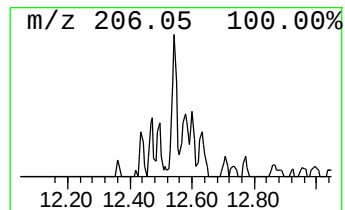
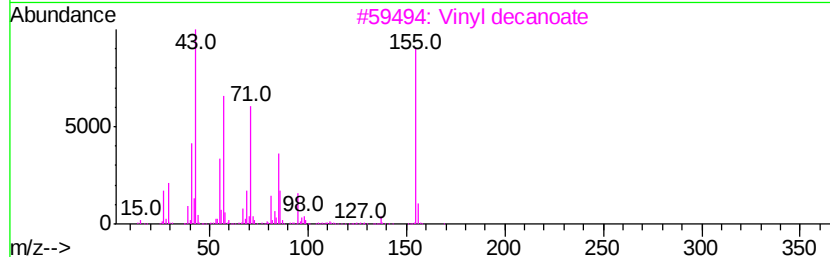
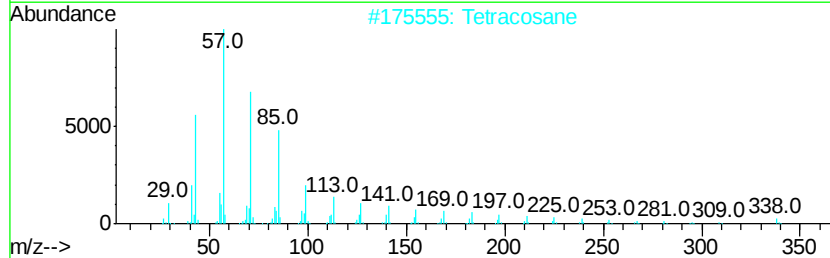
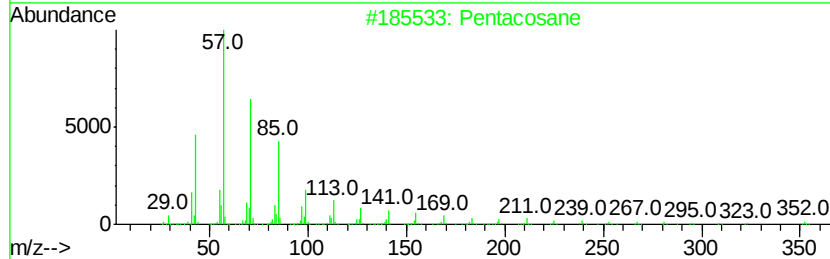
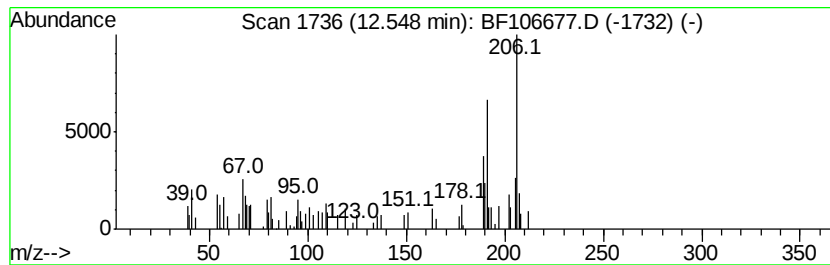
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.66 ng	66791	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	30
2		Tetracosane	338	C24H50	000646-31-1	27
3		Vinyl decanoate	198	C12H22O2	004704-31-8	27
4		triacontane	422	C30H62	000638-68-6	27
5		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AREA2(S)

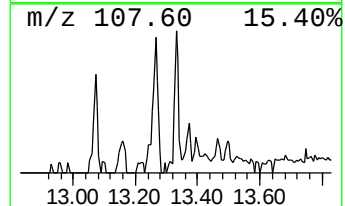
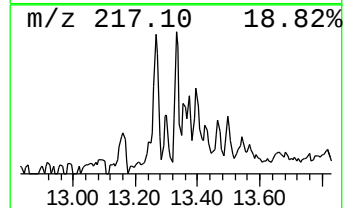
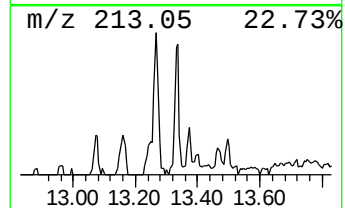
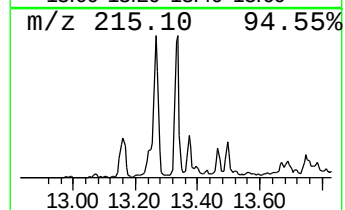
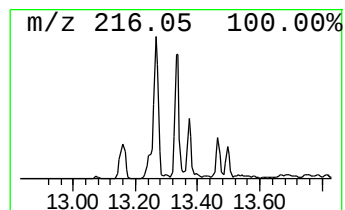
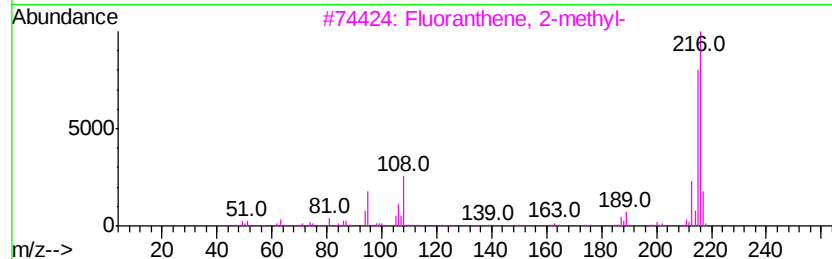
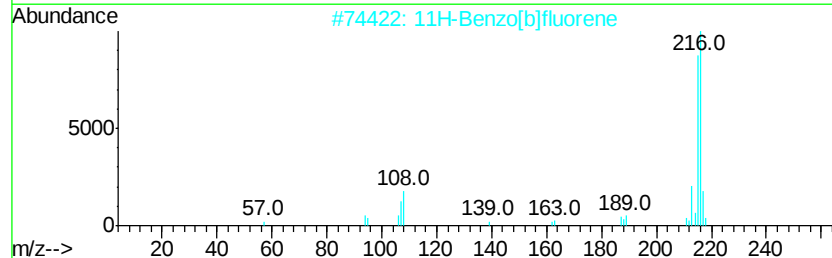
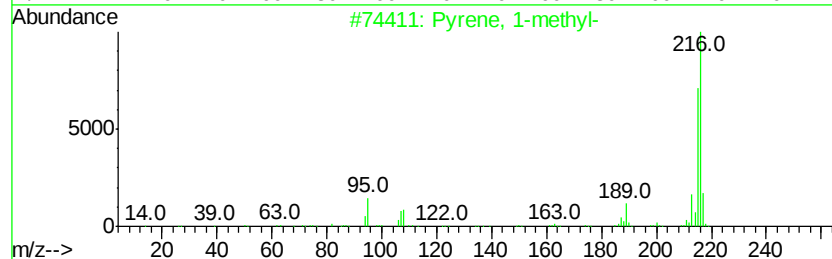
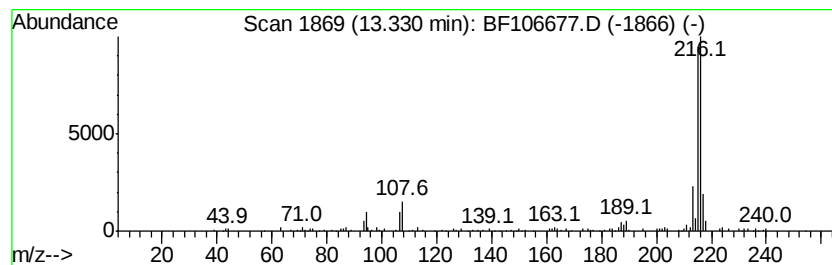
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.19 ng	99543	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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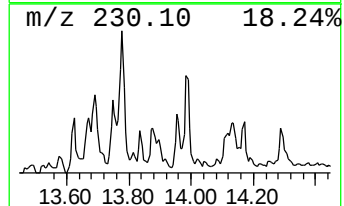
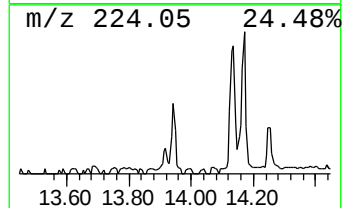
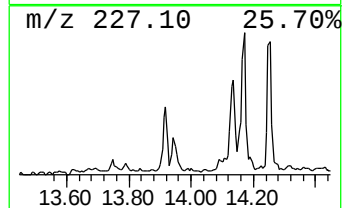
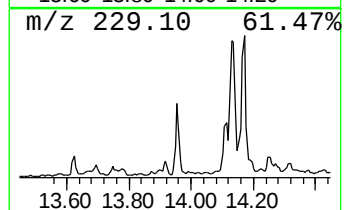
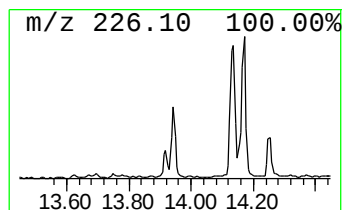
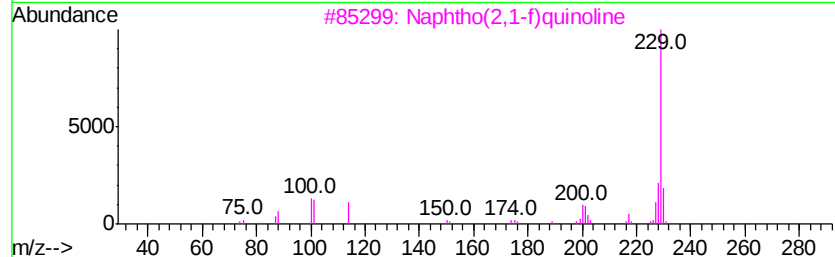
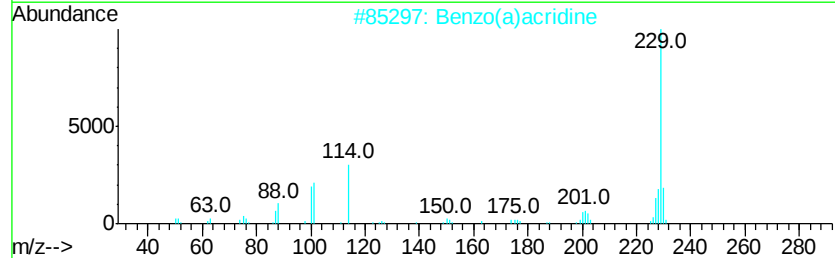
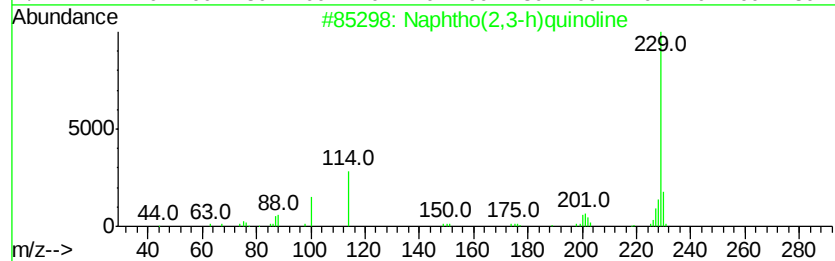
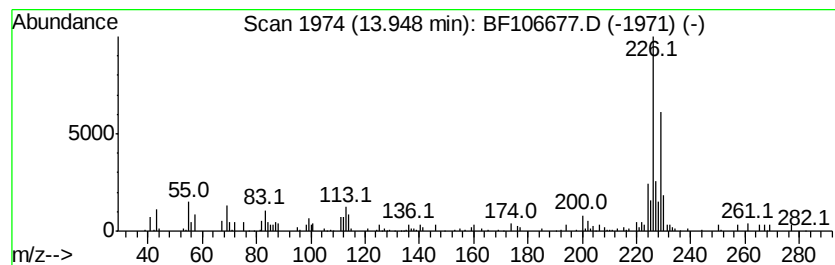
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphtho(2,3-h)quinoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.09 ng	95300	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	68
2		Benzo(a)acridine	229	C17H11N	000225-11-6	62
3		Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	58
4		Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	47
5		Ethanethioic acid, S-tetradecyl ...	272	C16H32OS	090031-26-8	45



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Instrument :
BNA_F
ClientSampleId :
AREA2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	4.5	ng	88773	1	6.96	396215	20.0
unknown6.73	6.73	12.6	ng	249772	1	6.96	396215	20.0
Hexadecane	8.81	2.2	ng	56814	2	8.24	516561	20.0
Nonadecane	9.38	2.3	ng	58075	3	10.00	510082	20.0
4H-Cyclopenta[def...	12.11	2.6	ng	65782	4	11.50	502791	20.0
unknown12.55	12.55	2.7	ng	66791	4	11.50	502791	20.0
Pyrene, 1-methyl-	13.33	2.2	ng	99543	5	14.14	910504	20.0
Naphtho(2,3-h)qui...	13.95	2.1	ng	95300	5	14.14	910504	20.0