

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
 Data File : BF098111.D
 Acq On : 29 Aug 2017 15:23
 Operator : SJ/JU
 Sample : I4959-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2321-RT2315-20-02-RB36575RE

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	4.934	480	484	497	rVB	197245	300626	9.37%	0.683%
2	5.345	548	554	557	rBV	2646373	2920787	91.01%	6.636%
3	6.375	723	729	734	rVB	2821801	3209131	100.00%	7.291%
4	6.504	746	751	754	rBV	3034337	3035808	94.60%	6.898%
5	6.569	757	762	767	rVB2	47179	64413	2.01%	0.146%
6	6.734	786	790	793	rBV	1704159	1455618	45.36%	3.307%
7	6.886	812	816	820	rBV	2330575	2285931	71.23%	5.194%
8	7.298	877	886	889	rBV	2006930	2019038	62.92%	4.587%
9	7.334	889	892	896	rVB2	49577	49153	1.53%	0.112%
10	7.381	896	900	905	rBV4	25128	37551	1.17%	0.085%
11	8.016	1003	1008	1011	rBV	2115345	2048684	63.84%	4.655%
12	8.081	1017	1019	1022	rVB2	36223	32141	1.00%	0.073%
13	8.439	1076	1080	1085	rBV	48653	56922	1.77%	0.129%
14	8.610	1106	1109	1112	rBV	67934	57103	1.78%	0.130%
15	8.728	1126	1129	1133	rVB	123148	100918	3.14%	0.229%
16	8.828	1142	1146	1149	rBV	77240	63840	1.99%	0.145%
17	9.039	1179	1182	1186	rVB2	38521	35864	1.12%	0.081%
18	9.092	1186	1191	1195	rBV	3137733	3144174	97.98%	7.144%
19	9.175	1201	1205	1211	rBV2	86943	115202	3.59%	0.262%
20	9.351	1231	1235	1240	rVB2	43463	61986	1.93%	0.141%
21	9.428	1245	1248	1250	rVV	83897	84591	2.64%	0.192%
22	9.451	1250	1252	1254	rVV	66043	58012	1.81%	0.132%
23	9.486	1254	1258	1262	rVV	609883	574807	17.91%	1.306%
24	9.545	1265	1268	1272	rVB2	42428	48030	1.50%	0.109%
25	9.627	1279	1282	1287	rVB	63117	50825	1.58%	0.115%
26	9.704	1292	1295	1300	rVB	136749	116269	3.62%	0.264%
27	9.769	1300	1306	1309	rBV2	2189483	2164469	67.45%	4.918%
28	9.798	1309	1311	1315	rVB	113979	105794	3.30%	0.240%
29	9.875	1321	1324	1328	rVB2	28001	35680	1.11%	0.081%
30	9.927	1328	1333	1335	rBV4	25795	43539	1.36%	0.099%
31	9.969	1337	1340	1343	rBV	136689	131629	4.10%	0.299%
32	10.175	1371	1375	1377	rBV2	48860	48018	1.50%	0.109%
33	10.204	1377	1380	1384	rVB	165371	129101	4.02%	0.293%
34	10.310	1395	1398	1405	rVB3	97422	111023	3.46%	0.252%

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

35	10.422	1415	1417	1420	rVV	71556	78607	2.45%	0.179%
36	10.469	1423	1425	1429	rVB2	58365	60568	1.89%	0.138%
37	10.557	1435	1440	1443	rBV	1997640	1922505	59.91%	4.368%
38	10.675	1457	1460	1468	rBV3	197904	273819	8.53%	0.622%
39	10.863	1488	1492	1495	rBV6	29160	45428	1.42%	0.103%
40	10.939	1503	1505	1508	rVB3	36444	32700	1.02%	0.074%
41	11.057	1522	1525	1528	rVB2	81610	72423	2.26%	0.165%
42	11.098	1529	1532	1534	rBV3	34515	42462	1.32%	0.096%
43	11.122	1534	1536	1539	rVV2	129251	123271	3.84%	0.280%
44	11.151	1539	1541	1547	rVB2	83642	99716	3.11%	0.227%
45	11.204	1547	1550	1554	rBV2	26531	35303	1.10%	0.080%
46	11.251	1554	1558	1561	rBV	2008041	2095709	65.30%	4.762%
47	11.274	1561	1562	1565	rVV	728813	405798	12.65%	0.922%
48	11.322	1565	1570	1574	rVV	145417	164820	5.14%	0.374%
49	11.357	1574	1576	1580	rVB3	35605	40379	1.26%	0.092%
50	11.480	1593	1597	1599	rBV3	92200	98674	3.07%	0.224%
51	11.551	1606	1609	1612	rBV2	101104	104599	3.26%	0.238%
52	11.639	1621	1624	1627	rBV2	54346	61544	1.92%	0.140%
53	11.751	1640	1643	1645	rBV	117970	90754	2.83%	0.206%
54	11.780	1645	1648	1652	rVB	192548	170795	5.32%	0.388%
55	11.827	1653	1656	1658	rVV2	49441	46654	1.45%	0.106%
56	11.863	1658	1662	1664	rVV	186832	210380	6.56%	0.478%
57	11.886	1664	1666	1670	rVB2	102613	105304	3.28%	0.239%
58	11.957	1676	1678	1681	rBV	82613	61917	1.93%	0.141%
59	12.063	1690	1696	1701	rBV3	117513	212796	6.63%	0.483%
60	12.198	1716	1719	1721	rVB2	49620	44186	1.38%	0.100%
61	12.227	1721	1724	1726	rBV	50472	50057	1.56%	0.114%
62	12.304	1733	1737	1739	rBV	124239	131735	4.11%	0.299%
63	12.345	1741	1744	1748	rVB4	102747	148517	4.63%	0.337%
64	12.386	1748	1751	1755	rBV2	82033	85291	2.66%	0.194%
65	12.463	1760	1764	1767	rBV	898126	774802	24.14%	1.760%
66	12.504	1769	1771	1773	rBV	39496	39122	1.22%	0.089%
67	12.686	1796	1802	1805	rBV	733883	843164	26.27%	1.916%
68	12.716	1805	1807	1809	rVV2	89059	71909	2.24%	0.163%
69	12.745	1809	1812	1816	rVB4	54440	70430	2.19%	0.160%
70	12.804	1820	1822	1824	rBV2	52613	42650	1.33%	0.097%
71	12.839	1824	1828	1831	rBV	2314119	2084314	64.95%	4.736%

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72	12.910	1837	1840	1843	rVB	57676	61264	1.91%	0.139%
73	13.016	1856	1858	1861	rVB	149344	131195	4.09%	0.298%
74	13.080	1865	1869	1872	rVB2	130183	160355	5.00%	0.364%
75	13.121	1872	1876	1878	rBV2	120937	127811	3.98%	0.290%
76	13.210	1889	1891	1894	rVB	80254	64495	2.01%	0.147%
77	13.239	1894	1896	1900	rBV	71258	79706	2.48%	0.181%
78	13.416	1923	1926	1929	rBV2	101810	92820	2.89%	0.211%
79	13.533	1942	1946	1949	rVB2	163083	182481	5.69%	0.415%
80	13.663	1966	1968	1970	rVB	56758	41961	1.31%	0.095%
81	13.733	1977	1980	1987	rVB3	381484	474630	14.79%	1.078%
82	13.886	2001	2006	2009	rBV2	1386530	1774423	55.29%	4.032%
83	13.910	2009	2010	2013	rVB	408191	271469	8.46%	0.617%
84	14.057	2033	2035	2040	rVB2	106246	122384	3.81%	0.278%
85	14.180	2054	2056	2060	rBV3	60833	49747	1.55%	0.113%
86	14.304	2075	2077	2080	rVB	80401	68050	2.12%	0.155%
87	14.368	2085	2088	2090	rBV3	144513	153143	4.77%	0.348%
88	14.662	2135	2138	2140	rBV2	83848	87019	2.71%	0.198%
89	14.904	2175	2179	2187	rVB	433702	791866	24.68%	1.799%
90	14.980	2190	2192	2194	rBV2	67817	54135	1.69%	0.123%
91	15.186	2223	2227	2233	rVB	278990	362189	11.29%	0.823%
92	15.245	2233	2237	2243	rVV	394910	474253	14.78%	1.078%
93	15.309	2243	2248	2251	rVV	996085	1255587	39.13%	2.853%
94	15.339	2251	2253	2258	rVB3	192937	213389	6.65%	0.485%
95	15.751	2320	2323	2327	rVB2	70163	79724	2.48%	0.181%
96	15.962	2357	2359	2366	rVB4	62335	92497	2.88%	0.210%
97	16.368	2425	2428	2433	rVB3	65083	83433	2.60%	0.190%
98	16.680	2475	2481	2491	rVB2	189154	366447	11.42%	0.833%
99	17.092	2545	2551	2557	rVB	153534	290855	9.06%	0.661%
100	17.309	2584	2588	2596	rVB	75897	165513	5.16%	0.376%

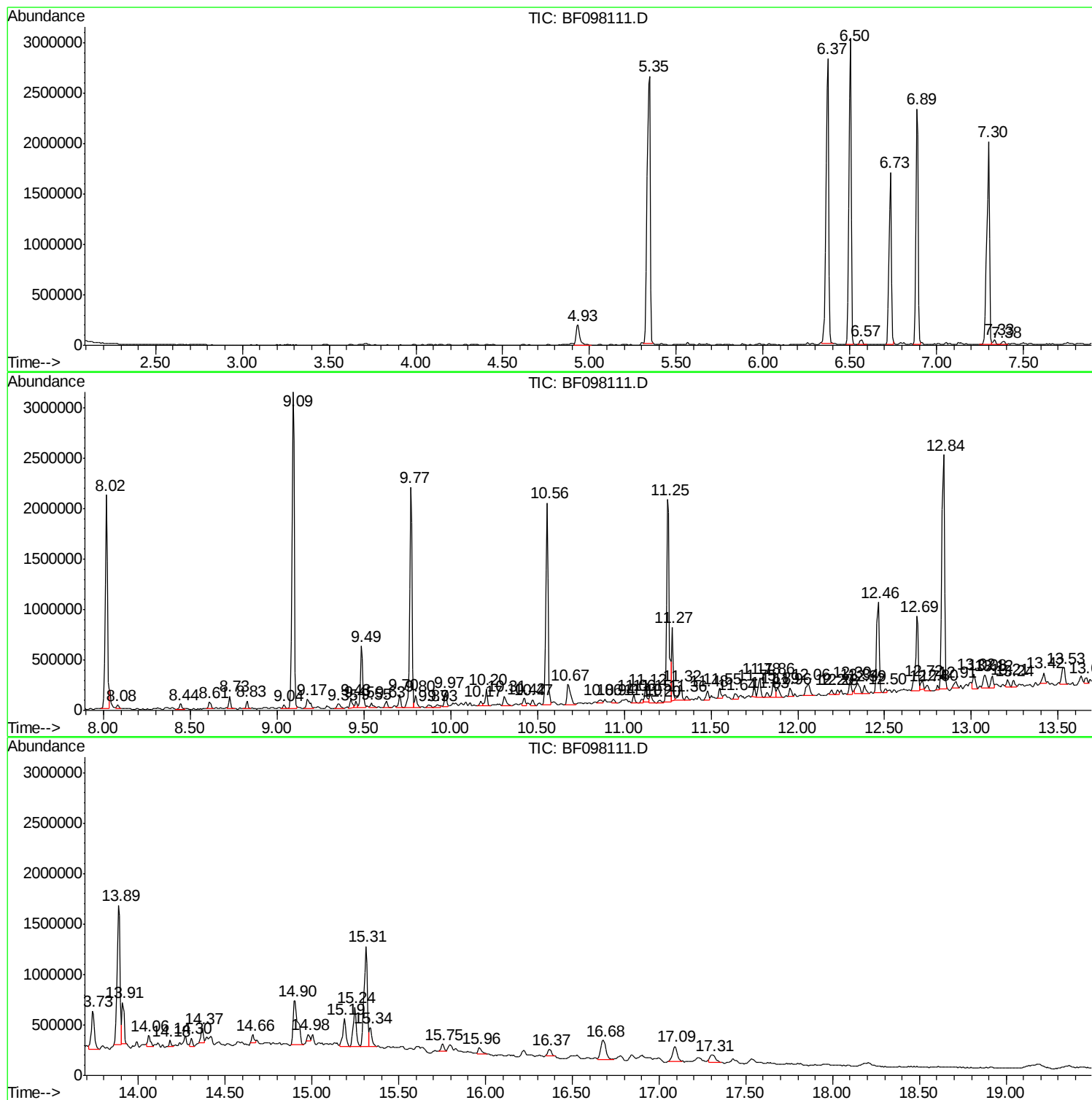
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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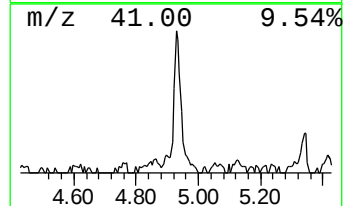
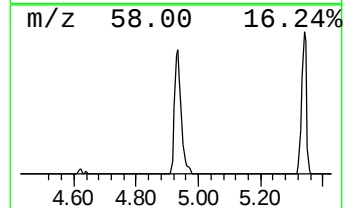
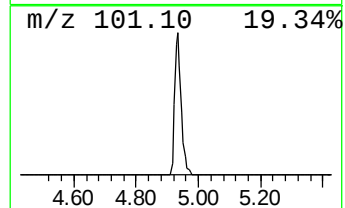
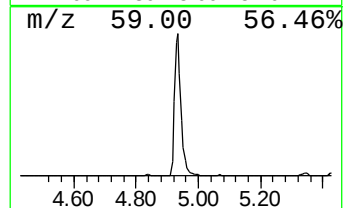
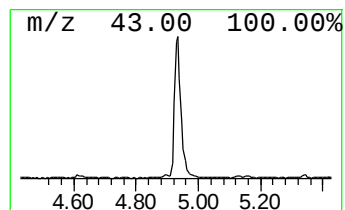
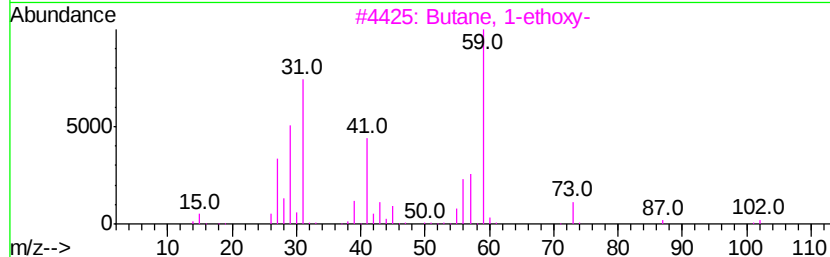
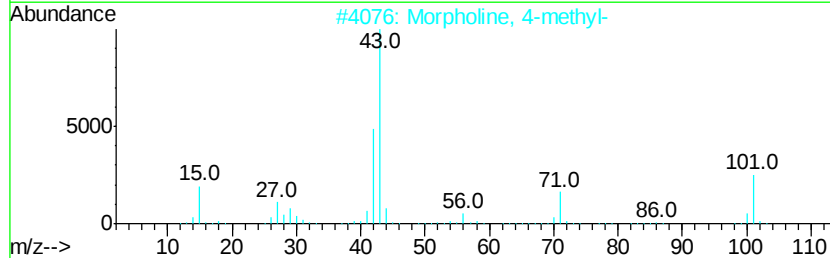
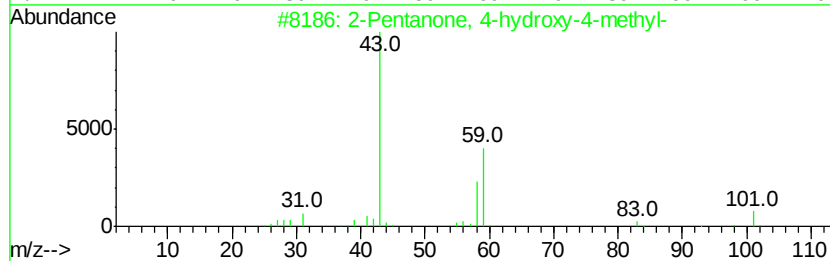
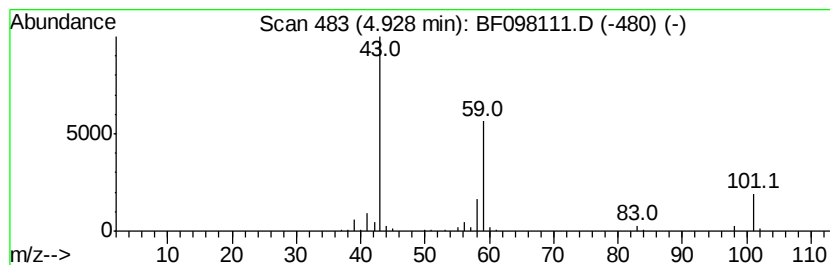
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
4.93	4.13 ng	300626	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9



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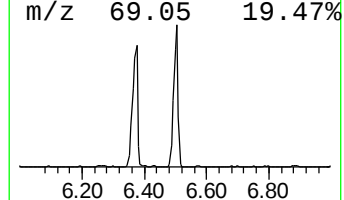
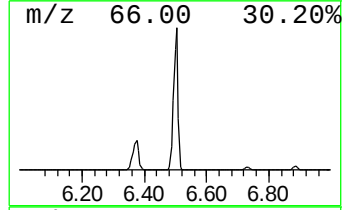
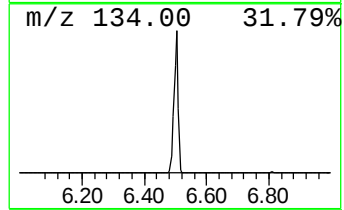
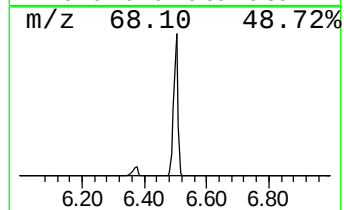
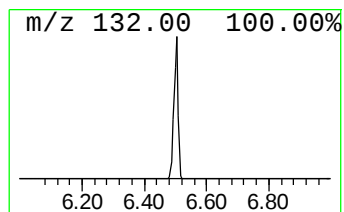
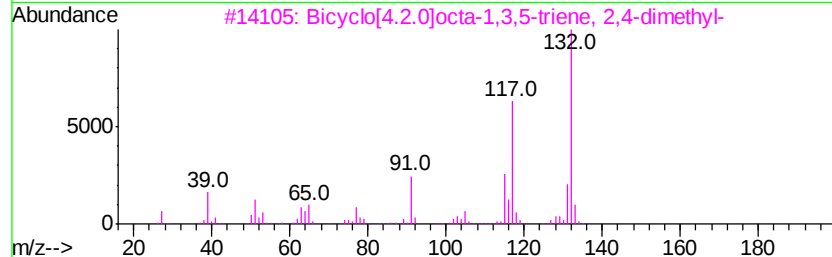
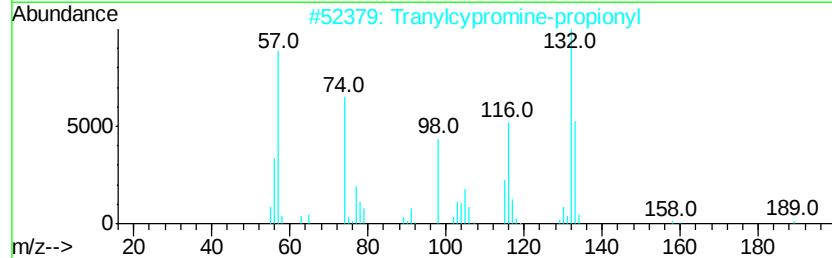
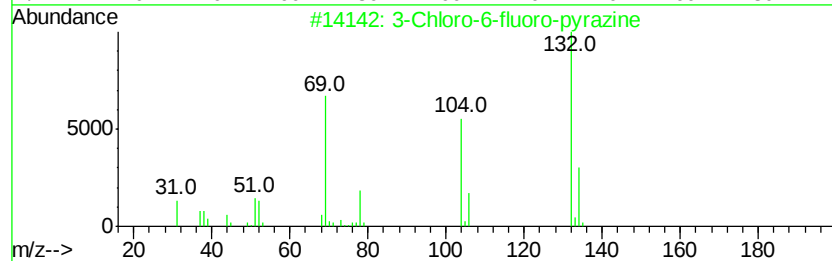
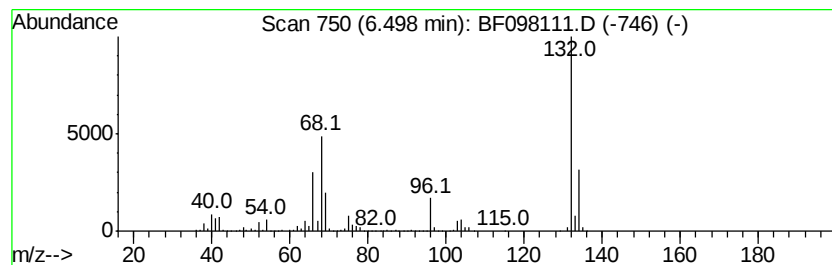
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	41.71 ng	3035810	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Xenon	132	Xe	007440-63-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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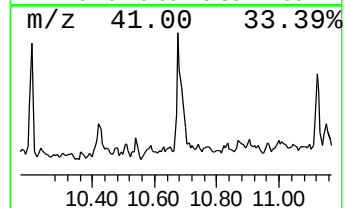
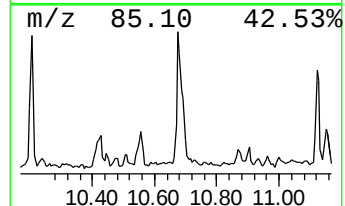
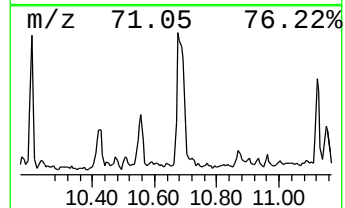
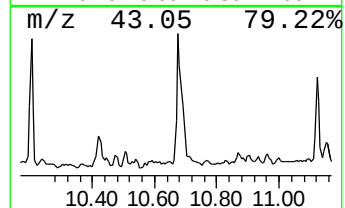
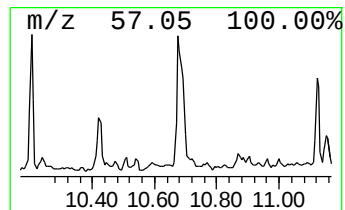
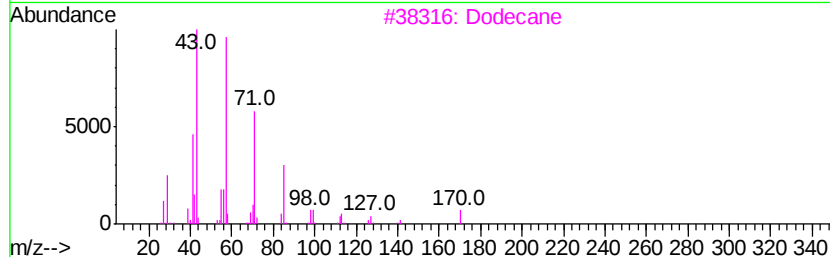
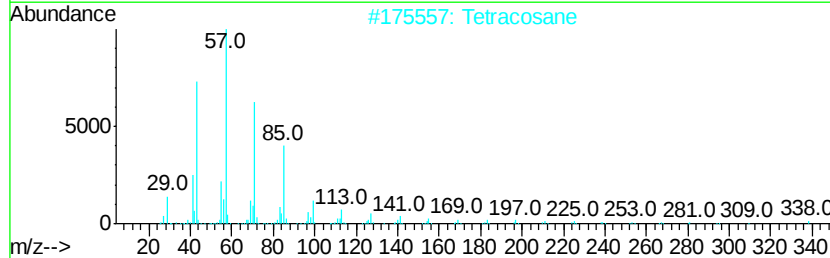
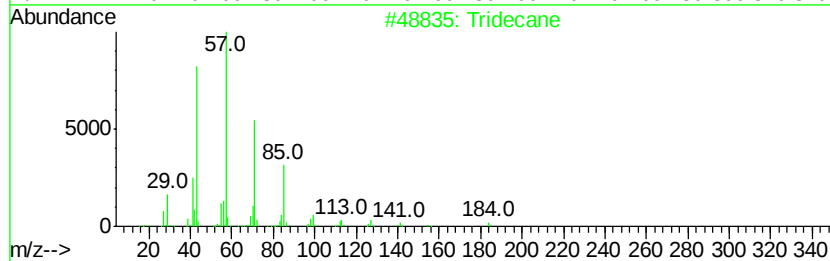
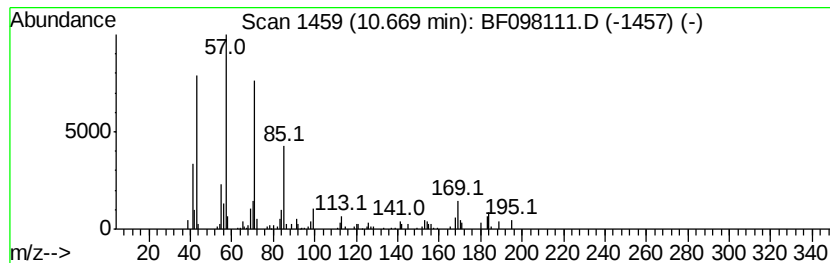
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.61 ng	273819	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	83
2		Tetracosane	338	C24H50	000646-31-1	80
3		Dodecane	170	C12H26	000112-40-3	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098111.D
Acq On : 29 Aug 2017 15:23
Operator : SJ/JU
Sample : I4959-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

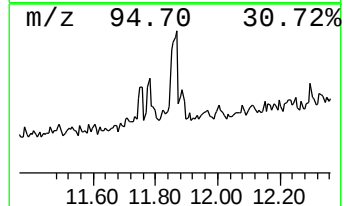
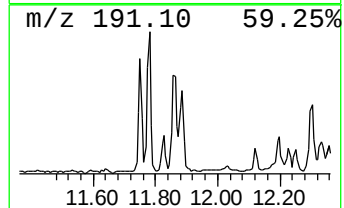
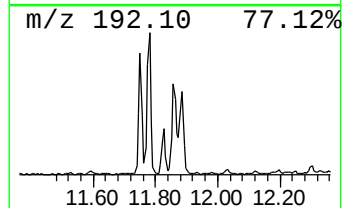
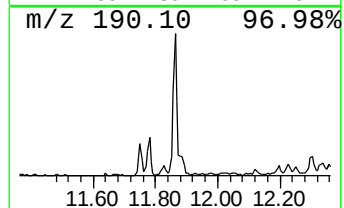
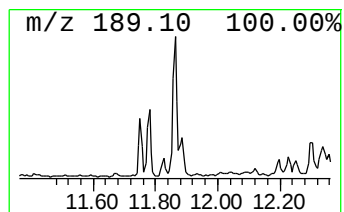
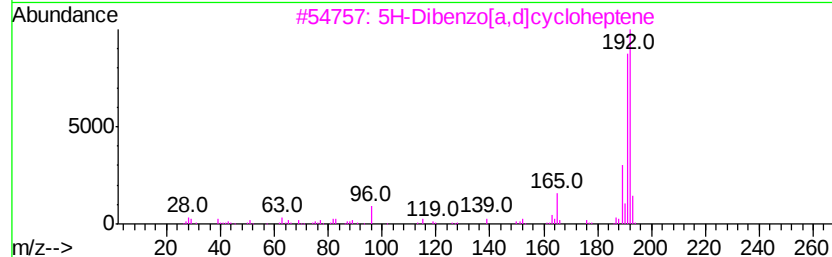
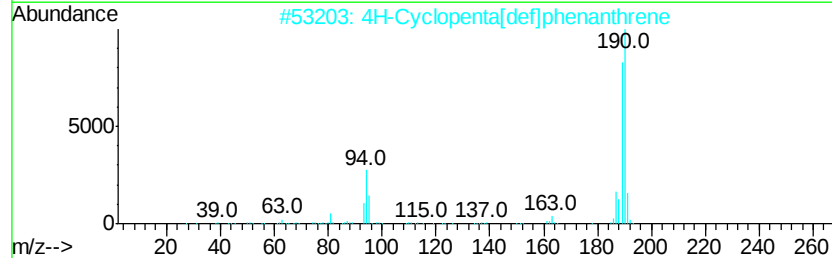
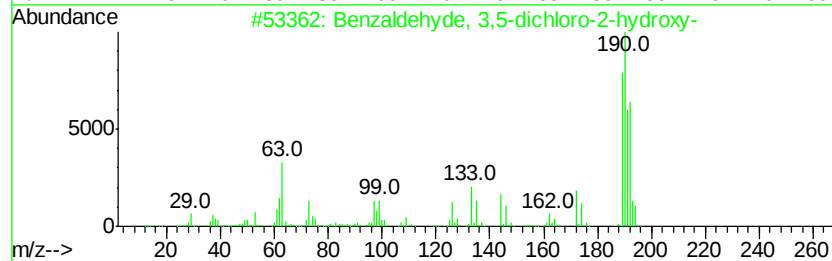
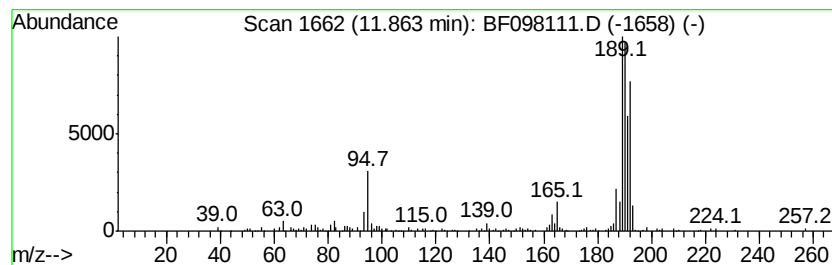
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RT2321-RT2315-20-02-RB36575RE

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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 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.86	2.01 ng	210380	Phenanthrene-d10		11.25	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Sample : I4959-01RE
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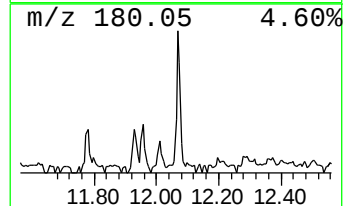
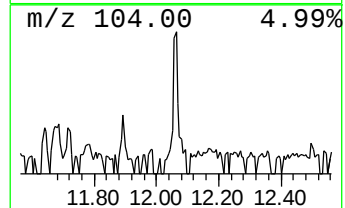
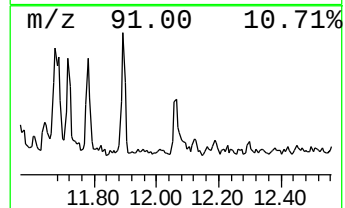
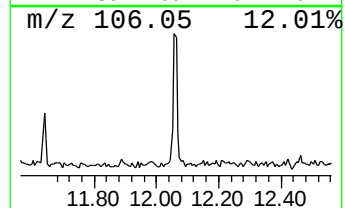
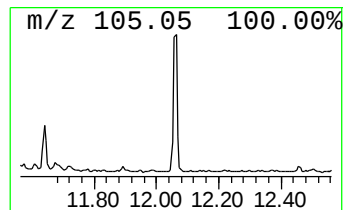
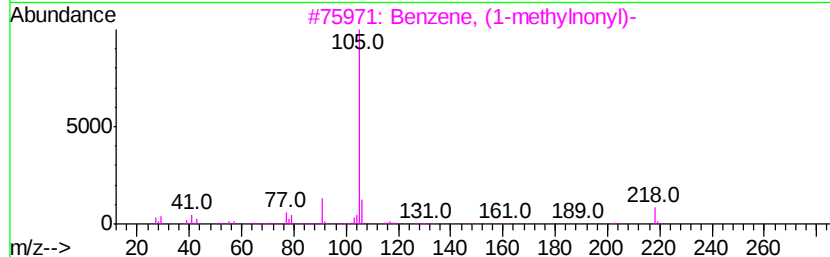
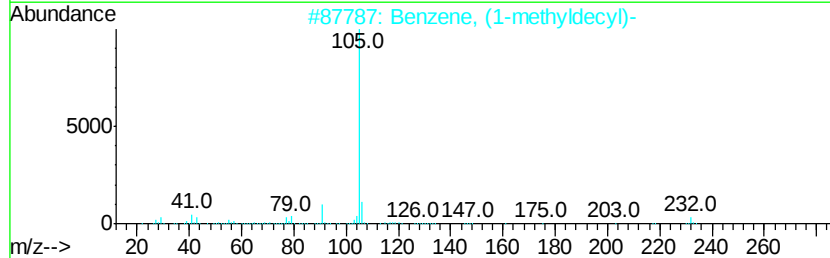
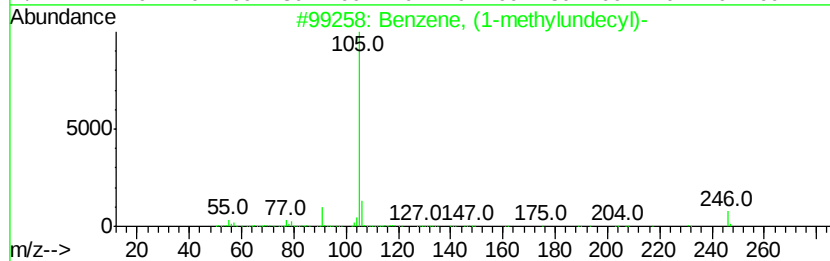
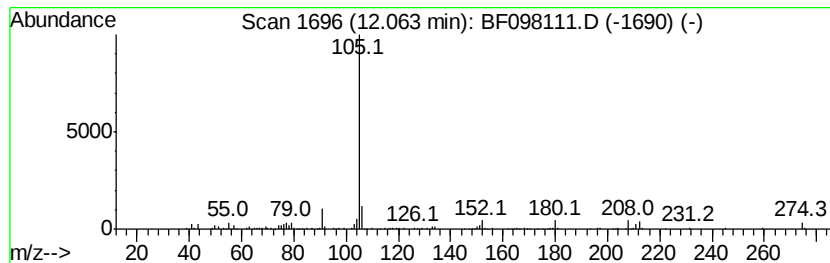
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1-methylundecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.06	2.03 ng	212796	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	50
2		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	50
3		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	50
4		Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	50
5		1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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Operator : SJ/JU
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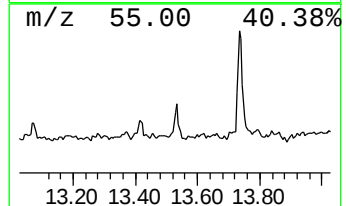
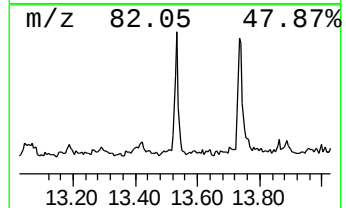
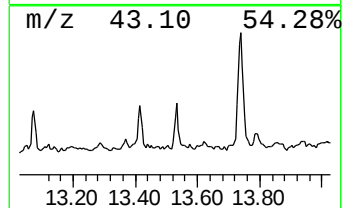
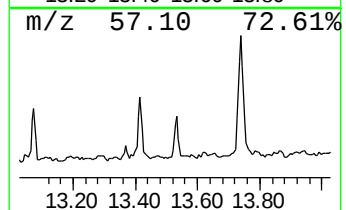
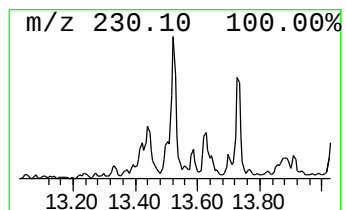
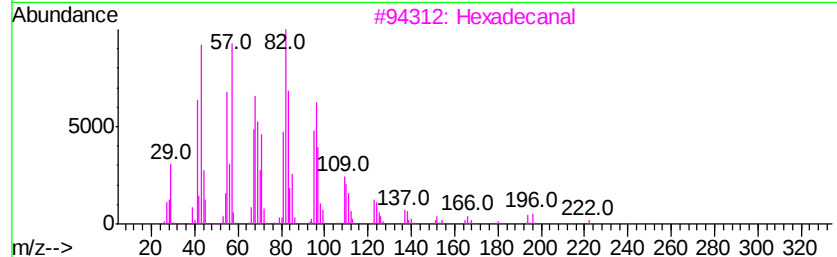
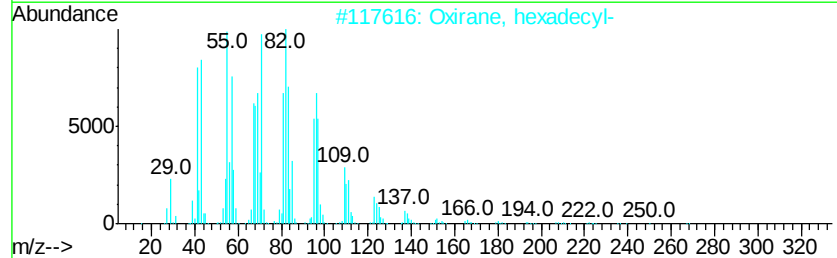
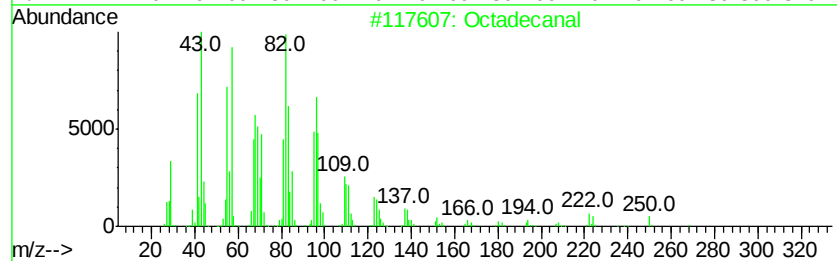
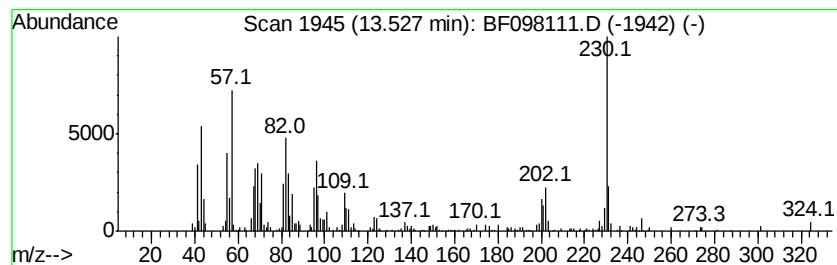
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.53	2.06 ng	182481	Chrysene-d12		13.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3			Hexadecanal	240	C16H32O	000629-80-1	90
4			Pentadecanal-	226	C15H30O	002765-11-9	90
5			Heptadecanal	254	C17H34O	1000376-70-0	90



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Operator : SJ/JU
Sample : I4959-01RE
Misc :
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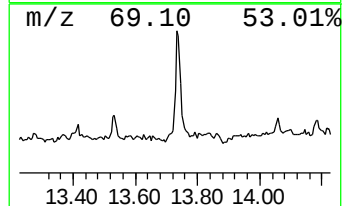
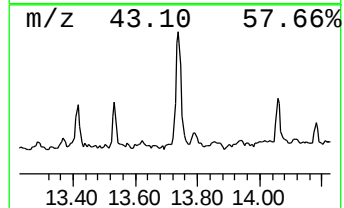
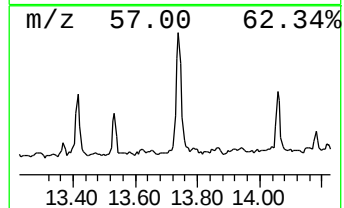
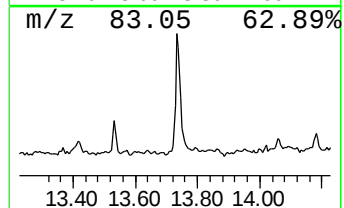
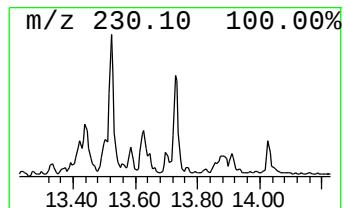
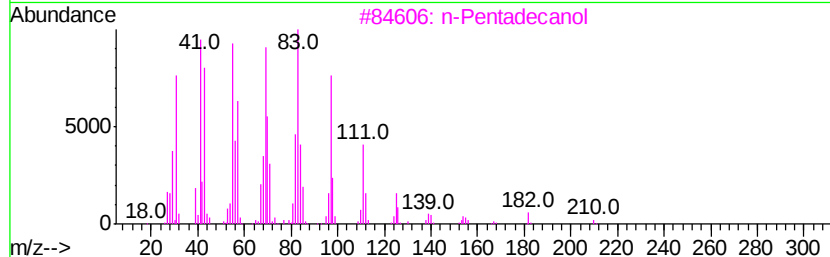
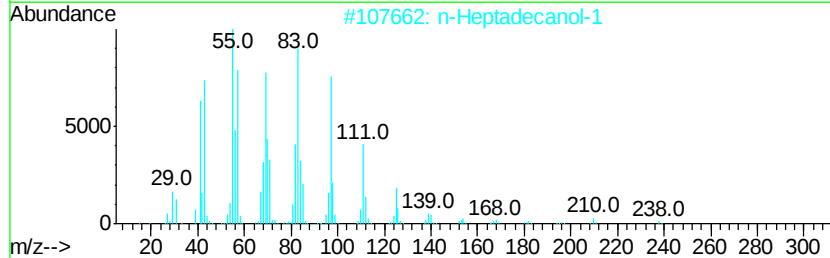
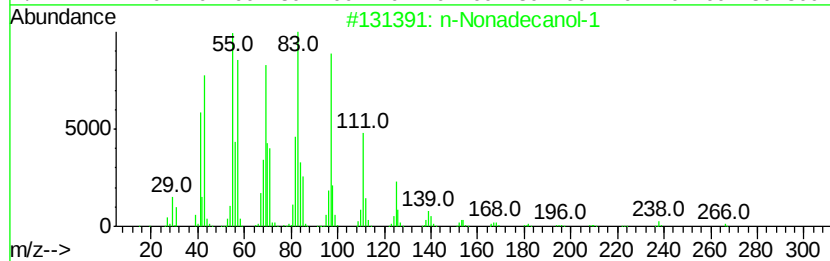
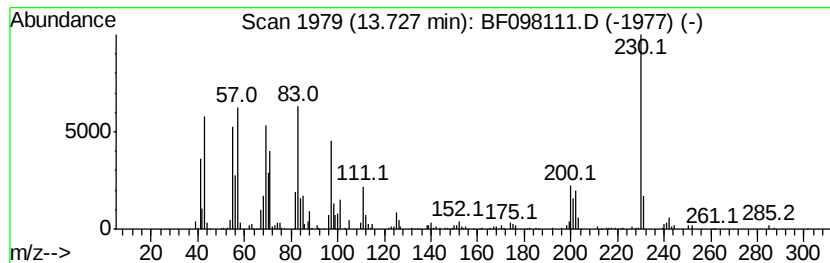
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	5.35 ng	474630	Chrysene-d12	13.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	87
2	n-Heptadecanol-1		256	C17H36O	001454-85-9	87
3	n-Pentadecanol		228	C15H32O	000629-76-5	87
4	1-Nonadecene		266	C19H38	018435-45-5	87
5	Behenic alcohol		326	C22H46O	000661-19-8	87



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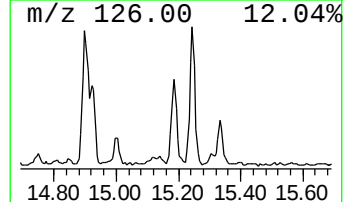
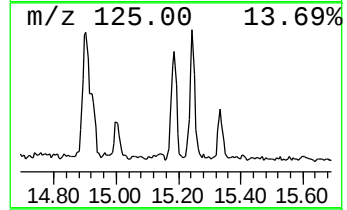
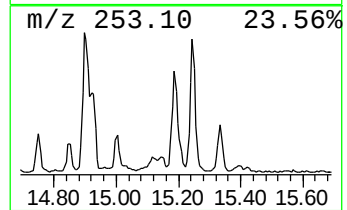
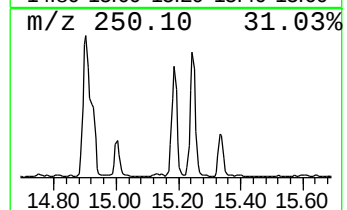
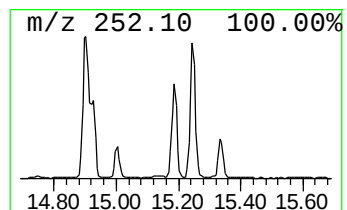
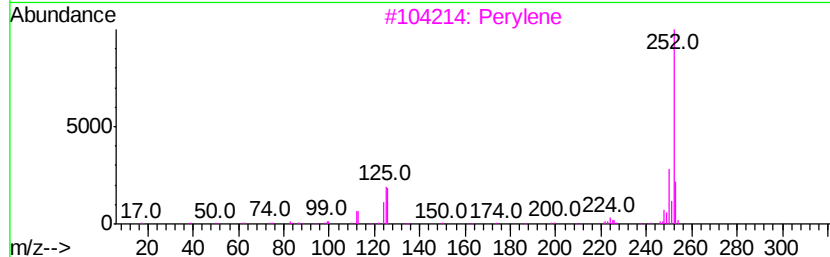
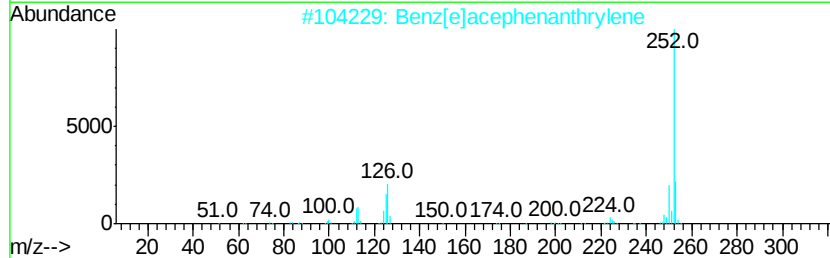
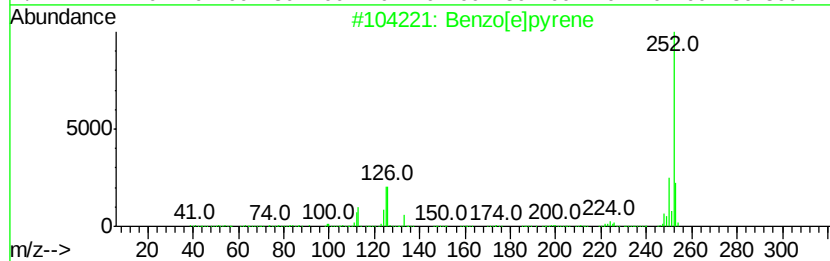
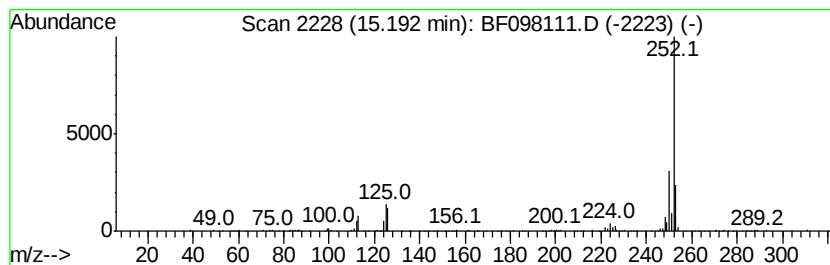
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.19	5.77 ng	362189	Perylene-d12	15.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	94
3	Perylene	252 C20H12	000198-55-0	94
4	Benzo[a]pyrene	252 C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252 C20H12	000207-08-9	93



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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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...	4.93	4.1 ng		300626	1	6.73	1455620	20.0
unknown6.50	6.50	41.7 ng		3035810	1	6.73	1455620	20.0
Tridecane	10.67	2.6 ng		273819	4	11.25	2095710	20.0
Benzaldehyde, 3,5...	11.86	2.0 ng		210380	4	11.25	2095710	20.0
Benzene, (1-methy...	12.06	2.0 ng		212796	4	11.25	2095710	20.0
Octadecanal	13.53	2.1 ng		182481	5	13.89	1774420	20.0
n-Nonadecanol-1	13.73	5.3 ng		474630	5	13.89	1774420	20.0
Benzo[e]pyrene	15.19	5.8 ng		362189	6	15.31	1255590	20.0