

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099401.D
 Acq On : 12 Oct 2017 18:13
 Operator : SJ/JU
 Sample : I5729-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-(1-2)

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-BF092317.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	2.146	5	10	15	rVB	40895	49430	1.94%	0.167%
2	2.516	60	73	80	rBV	91375	142008	5.57%	0.480%
3	3.010	137	157	164	rBB2	40114	113351	4.44%	0.383%
4	4.516	410	413	417	rVB2	34385	42984	1.69%	0.145%
5	5.016	495	498	502	rVB	53301	53034	2.08%	0.179%
6	5.081	502	509	523	rBV	308311	476710	18.69%	1.611%
7	5.263	536	540	549	rVB2	46781	55794	2.19%	0.189%
8	5.445	568	571	573	rBV2	65725	60733	2.38%	0.205%
9	5.481	573	577	580	rBV	2270617	2161485	84.75%	7.305%
10	5.704	611	615	618	rVV2	74426	75626	2.97%	0.256%
11	5.757	622	624	631	rVB2	48717	50293	1.97%	0.170%
12	5.875	638	644	647	rVB4	28337	40156	1.57%	0.136%
13	6.010	663	667	671	rBV2	60392	59687	2.34%	0.202%
14	6.104	676	683	688	rBV5	59805	106229	4.17%	0.359%
15	6.287	709	714	716	rBV2	54744	57762	2.26%	0.195%
16	6.375	726	729	737	rBV5	55504	83287	3.27%	0.281%
17	6.492	743	749	753	rBV	1958989	2206505	86.51%	7.457%
18	6.628	767	772	775	rBV	2323772	2285109	89.60%	7.723%
19	6.675	777	780	783	rBV	126276	115153	4.51%	0.389%
20	6.851	807	810	816	rVB	833769	708016	27.76%	2.393%
21	6.904	816	819	822	rBV	47049	45521	1.78%	0.154%
22	7.010	831	837	840	rBV	2089315	1870528	73.34%	6.322%
23	7.116	850	855	859	rVB3	32554	43672	1.71%	0.148%
24	7.181	859	866	868	rBV2	32261	50676	1.99%	0.171%
25	7.245	871	877	878	rBV2	40033	48527	1.90%	0.164%
26	7.416	902	906	909	rBV	1379461	1424828	55.87%	4.816%
27	7.439	909	910	914	rVB	125632	65229	2.56%	0.220%
28	7.492	914	919	923	rVB5	33953	46461	1.82%	0.157%
29	7.875	980	984	989	rVB3	48968	54647	2.14%	0.185%
30	7.922	989	992	1002	rVB8	25229	70888	2.78%	0.240%
31	8.104	1020	1023	1025	rBV	137372	117236	4.60%	0.396%
32	8.133	1025	1028	1030	rVV	1049965	859382	33.70%	2.904%
33	8.151	1030	1031	1034	rVV	167099	133209	5.22%	0.450%
34	8.186	1034	1037	1039	rVB	93968	83402	3.27%	0.282%

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35	8.416	1070	1076	1081	rBV5	47342	59132	2.32%	0.200%
36	8.498	1088	1090	1095	rVB4	40374	47967	1.88%	0.162%
37	8.545	1095	1098	1101	rBV	189795	160150	6.28%	0.541%
38	8.716	1124	1127	1129	rVB	151531	111741	4.38%	0.378%
39	8.845	1146	1149	1152	rVB	275534	207677	8.14%	0.702%
40	8.945	1162	1166	1169	rBV	250569	204872	8.03%	0.692%
41	9.075	1185	1188	1191	rVB	50141	45730	1.79%	0.155%
42	9.145	1197	1200	1203	rVB	119338	89556	3.51%	0.303%
43	9.210	1205	1211	1214	rBV	2752148	2550456	100.00%	8.620%
44	9.280	1219	1223	1225	rBV	162820	139115	5.45%	0.470%
45	9.304	1225	1227	1231	rVB	59018	50314	1.97%	0.170%
46	9.469	1251	1255	1259	rBV	84057	104914	4.11%	0.355%
47	9.545	1264	1268	1270	rBV	167111	160875	6.31%	0.544%
48	9.569	1270	1272	1274	rVV	118707	98340	3.86%	0.332%
49	9.598	1274	1277	1280	rVV	487469	382114	14.98%	1.291%
50	9.663	1284	1288	1290	rBV2	122605	120483	4.72%	0.407%
51	9.745	1300	1302	1305	rVB2	58086	45413	1.78%	0.153%
52	9.810	1305	1313	1316	rBV	176797	173362	6.80%	0.586%
53	9.886	1323	1326	1330	rVB	894435	776661	30.45%	2.625%
54	9.922	1330	1332	1335	rVB2	53099	42793	1.68%	0.145%
55	9.992	1340	1344	1347	rBV3	30315	40555	1.59%	0.137%
56	10.045	1347	1353	1355	rBV4	58592	91901	3.60%	0.311%
57	10.092	1357	1361	1364	rVB2	118214	136337	5.35%	0.461%
58	10.127	1364	1367	1371	rVB2	97631	98519	3.86%	0.333%
59	10.204	1377	1380	1382	rBV	68922	67056	2.63%	0.227%
60	10.292	1390	1395	1396	rBV2	106567	144407	5.66%	0.488%
61	10.310	1396	1398	1401	rVB	195756	152738	5.99%	0.516%
62	10.427	1415	1418	1426	rBV3	100991	116392	4.56%	0.393%
63	10.527	1430	1435	1438	rBV	115512	144654	5.67%	0.489%
64	10.592	1442	1446	1450	rVV3	108179	143704	5.63%	0.486%
65	10.645	1450	1455	1457	rVV2	41441	48544	1.90%	0.164%
66	10.680	1457	1461	1466	rVV	1209087	1180099	46.27%	3.988%
67	10.792	1474	1480	1483	rBV	426876	516531	20.25%	1.746%
68	10.980	1507	1512	1515	rBV5	22671	40654	1.59%	0.137%
69	11.110	1529	1534	1543	rBV5	84271	209032	8.20%	0.706%
70	11.180	1543	1546	1550	rVV	68254	86201	3.38%	0.291%
71	11.227	1550	1554	1556	rVV2	226621	217234	8.52%	0.734%

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72	11.257	1556	1559	1566	rVB3	76181	125576	4.92%	0.424%
73	11.374	1575	1579	1581	rBV	795263	695691	27.28%	2.351%
74	11.398	1581	1583	1590	rVB	426213	360865	14.15%	1.220%
75	11.557	1608	1610	1615	rVV2	42625	40800	1.60%	0.138%
76	11.610	1615	1619	1622	rVV2	48100	55352	2.17%	0.187%
77	11.651	1623	1626	1631	rVV	174109	165921	6.51%	0.561%
78	11.874	1662	1664	1665	rBV	87473	68469	2.68%	0.231%
79	11.904	1665	1669	1673	rVB2	154507	195522	7.67%	0.661%
80	11.986	1680	1683	1685	rBV2	85697	84375	3.31%	0.285%
81	12.010	1685	1687	1690	rVB	83475	67545	2.65%	0.228%
82	12.057	1692	1695	1698	rBV	132543	114640	4.49%	0.387%
83	12.169	1711	1714	1717	rBV2	64369	57346	2.25%	0.194%
84	12.421	1754	1757	1759	rVV	74215	76476	3.00%	0.258%
85	12.445	1759	1761	1765	rVV2	141065	150404	5.90%	0.508%
86	12.516	1769	1773	1776	rVB2	34701	46158	1.81%	0.156%
87	12.586	1782	1785	1790	rBV	279608	247623	9.71%	0.837%
88	12.816	1819	1824	1830	rVV2	260622	307038	12.04%	1.038%
89	12.868	1831	1833	1837	rVB2	54439	58717	2.30%	0.198%
90	12.957	1844	1848	1851	rBV	1860788	1620754	63.55%	5.478%
91	13.174	1882	1885	1887	rBV	104423	82262	3.23%	0.278%
92	13.515	1940	1943	1947	rBV3	78527	68364	2.68%	0.231%
93	13.839	1995	1998	2001	rVB2	134909	127167	4.99%	0.430%
94	14.015	2024	2028	2031	rBV	673605	687260	26.95%	2.323%
95	14.157	2050	2052	2055	rVB	74603	59275	2.32%	0.200%
96	14.462	2102	2104	2109	rVB3	85408	74564	2.92%	0.252%
97	14.757	2151	2154	2158	rBV3	76015	122707	4.81%	0.415%
98	15.057	2201	2205	2208	rBV	206636	287541	11.27%	0.972%
99	15.362	2254	2257	2262	rVB	123571	161986	6.35%	0.547%
100	15.486	2274	2278	2283	rBV	388980	514011	20.15%	1.737%

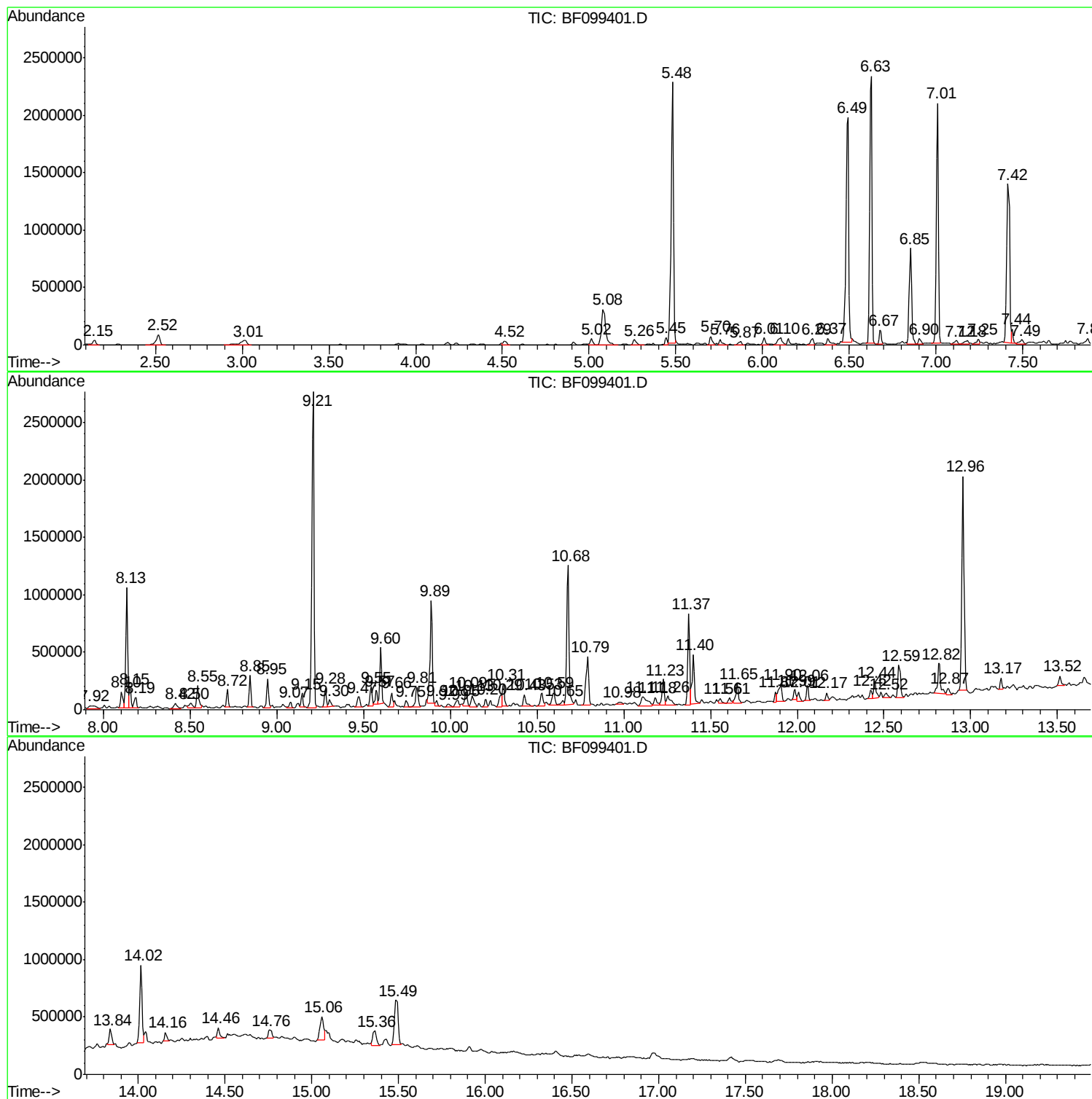
Sum of corrected areas: 29588190

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampled :
2S-(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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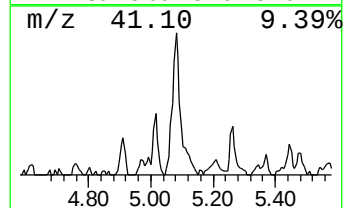
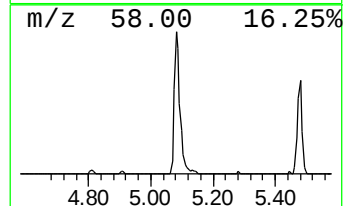
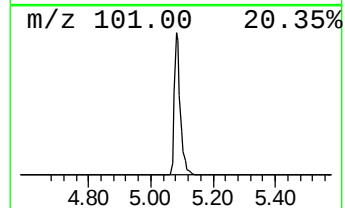
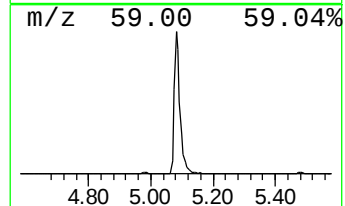
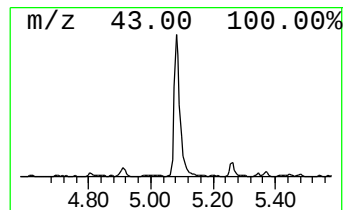
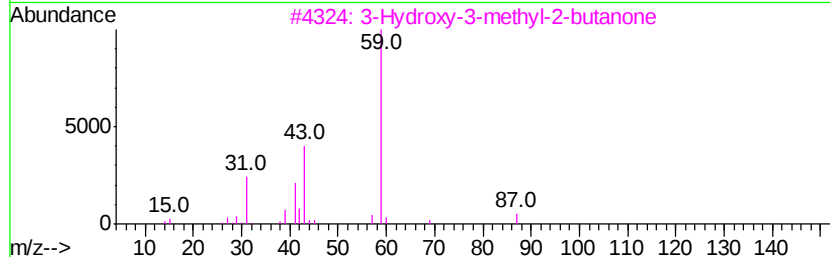
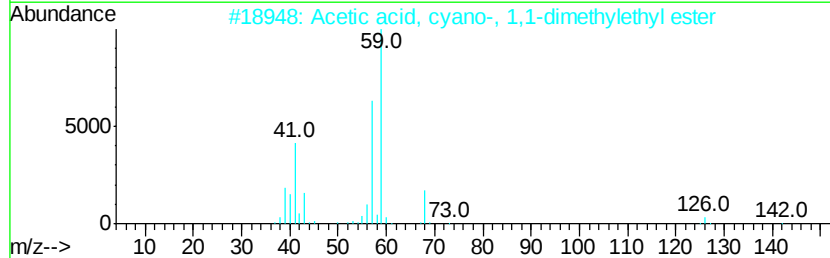
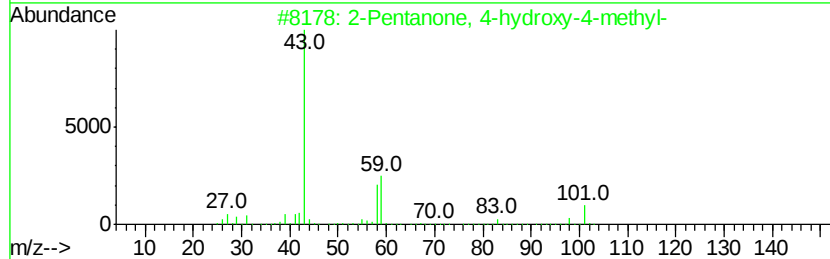
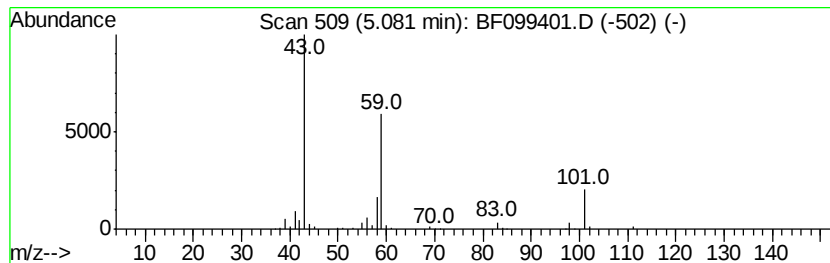
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	13.47 ng	476710	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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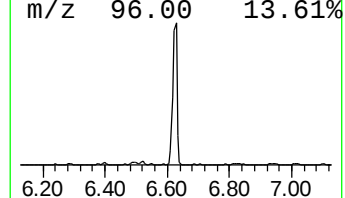
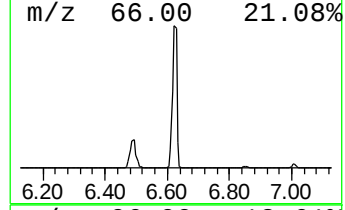
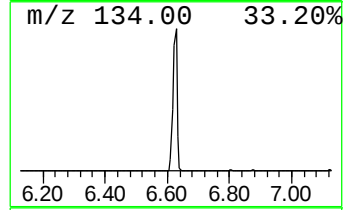
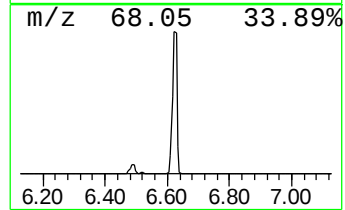
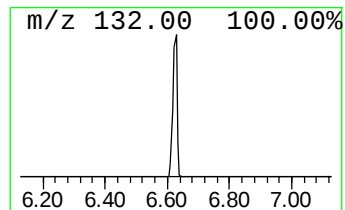
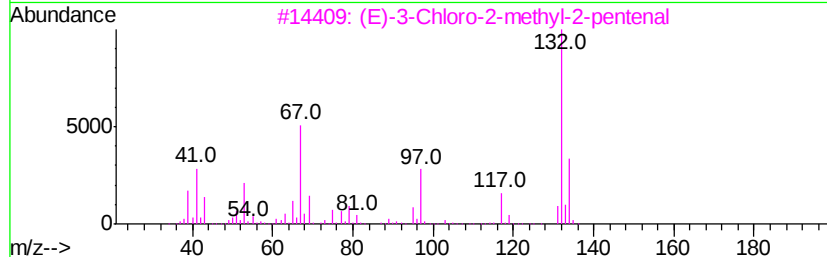
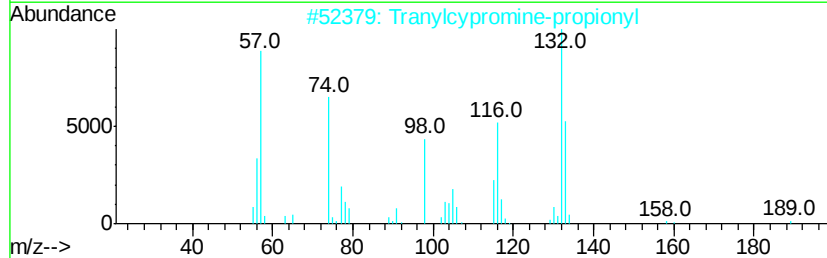
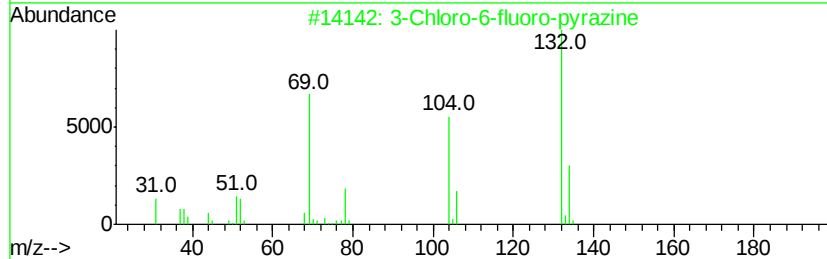
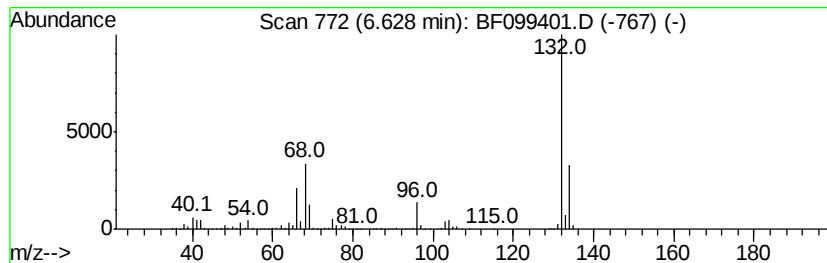
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	64.55 ng	2285110	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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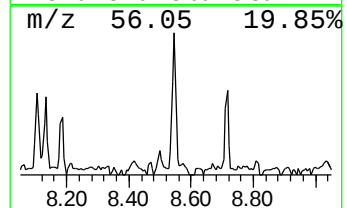
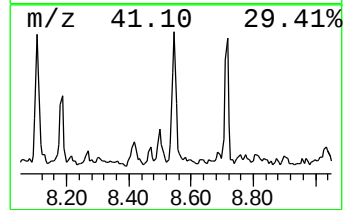
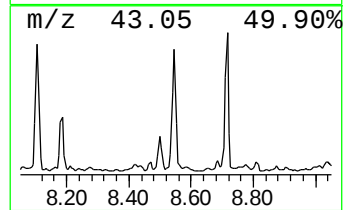
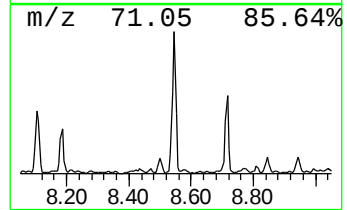
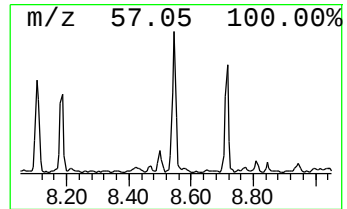
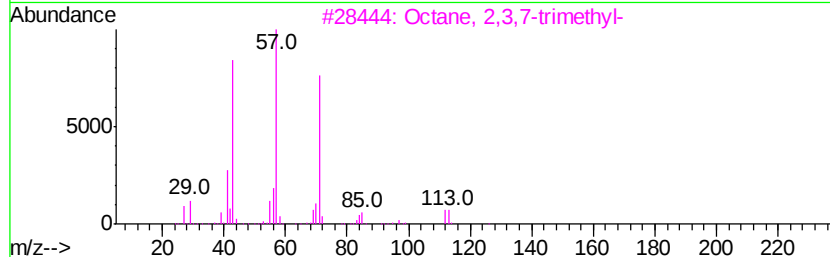
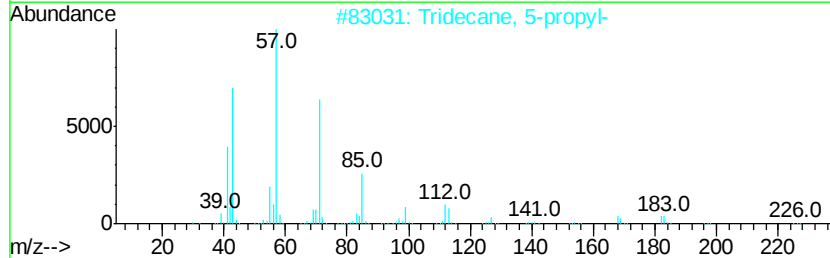
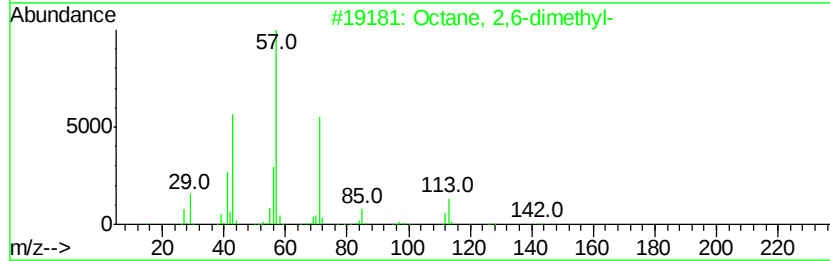
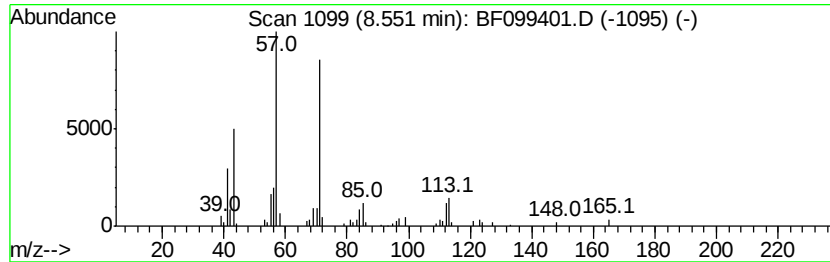
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	3.73 ng	160150	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



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Operator : SJ/JU
Sample : I5729-04
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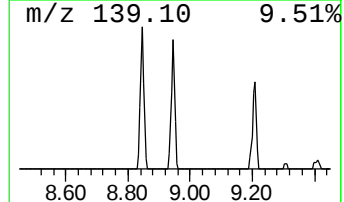
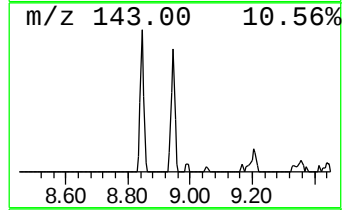
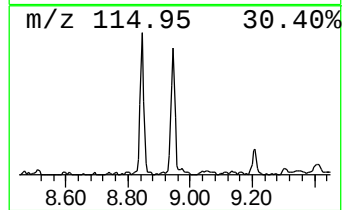
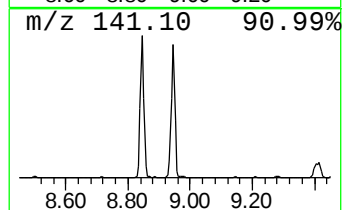
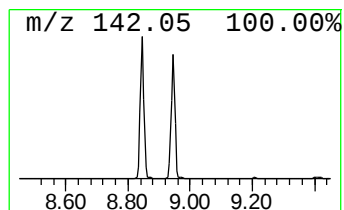
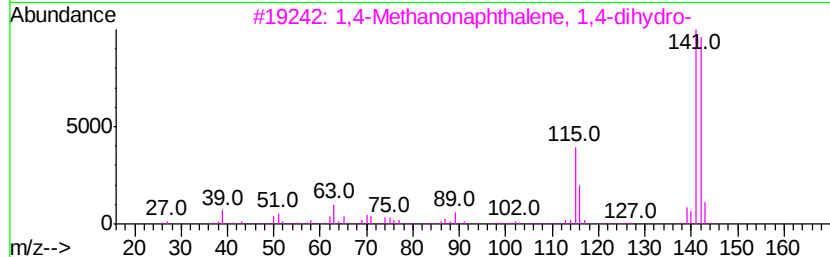
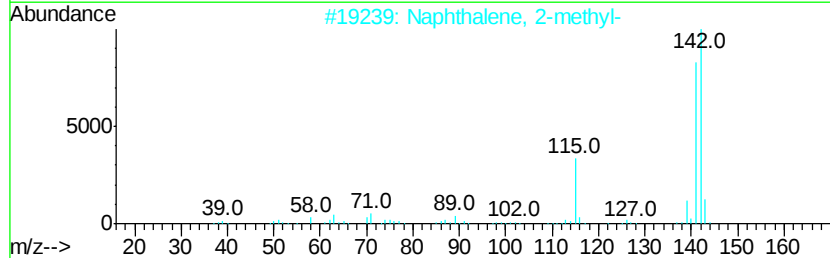
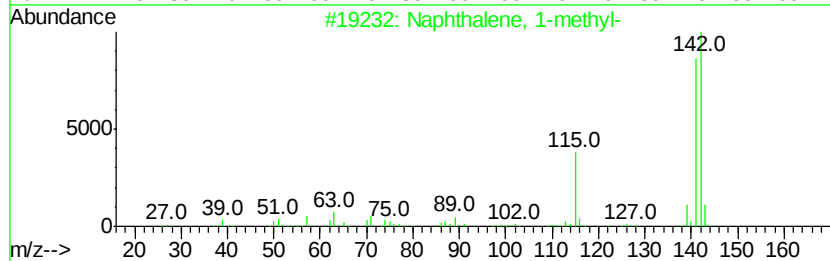
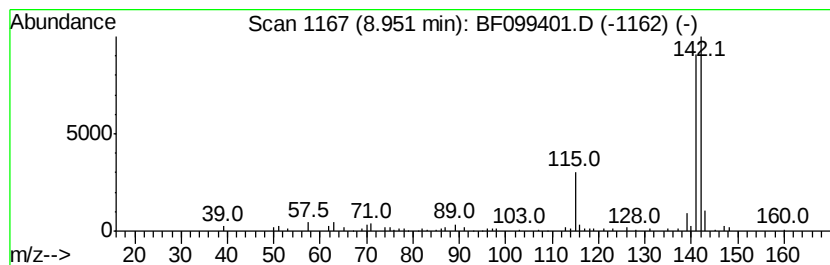
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	4.77 ng	204872	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
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ALS Vial : 6 Sample Multiplier: 1

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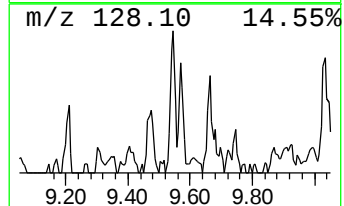
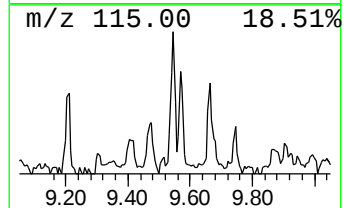
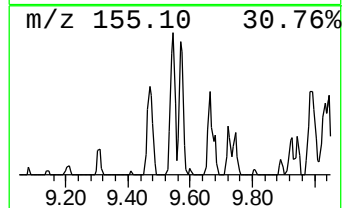
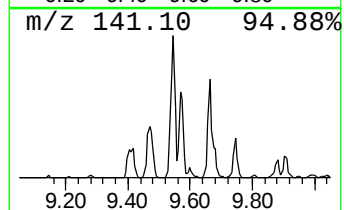
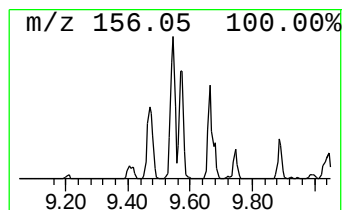
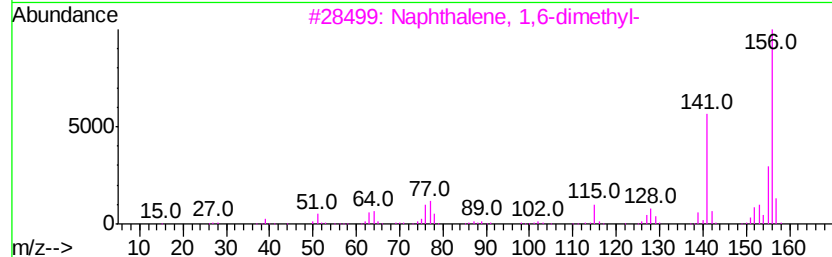
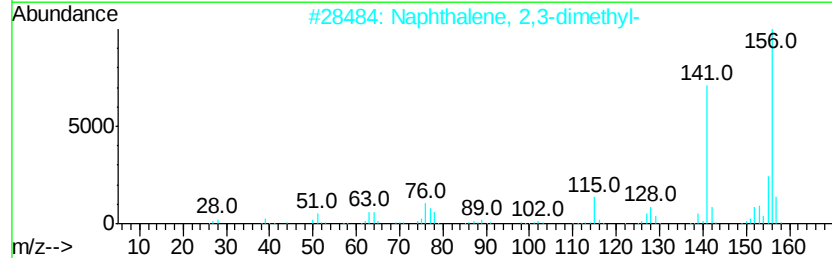
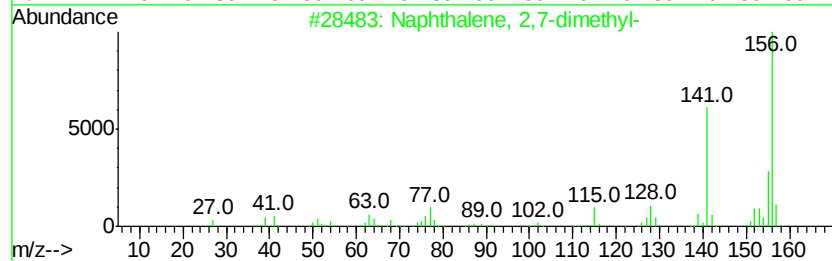
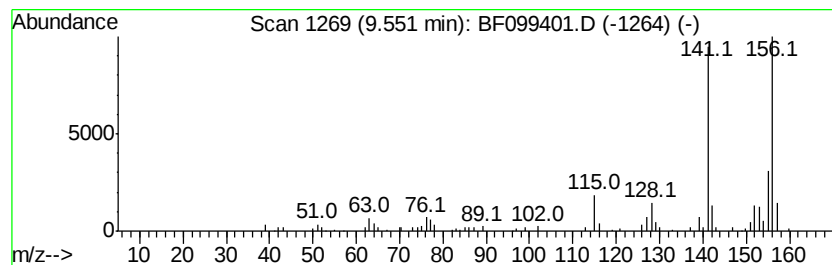
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.14 ng	160875	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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Acq On : 12 Oct 2017 18:13
Operator : SJ/JU
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Misc :
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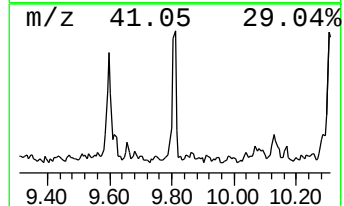
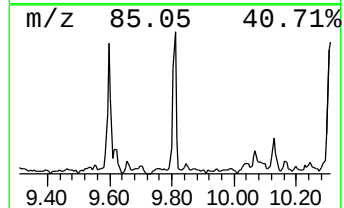
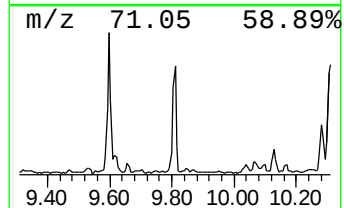
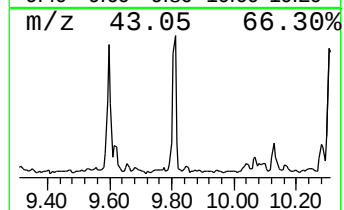
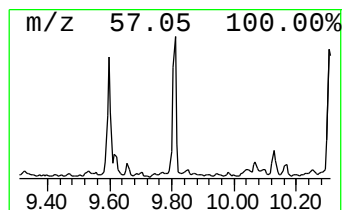
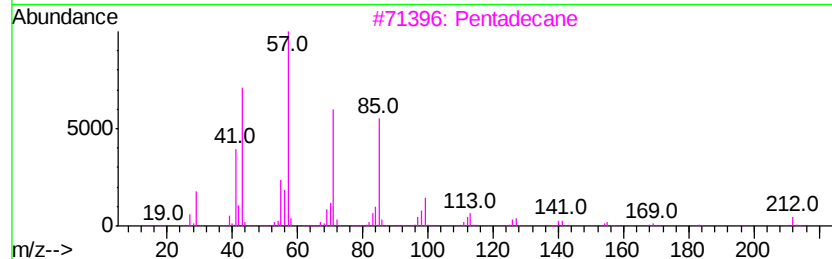
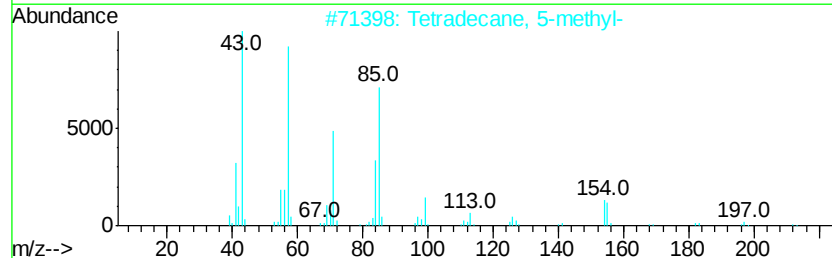
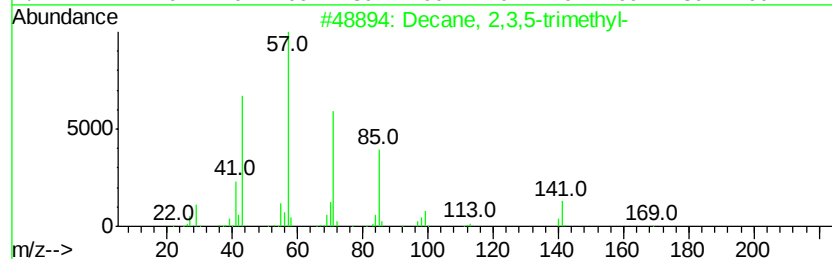
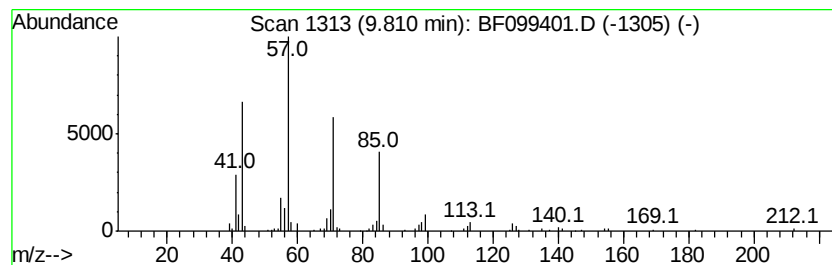
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	4.46 ng	173362	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
2		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	70
3		Pentadecane	212	C15H32	000629-62-9	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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Operator : SJ/JU
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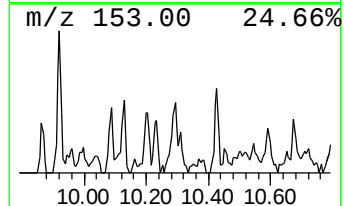
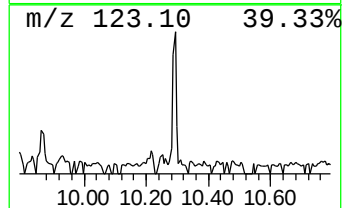
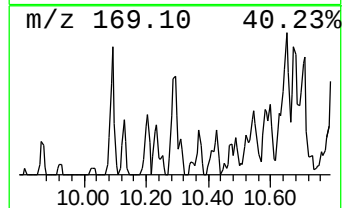
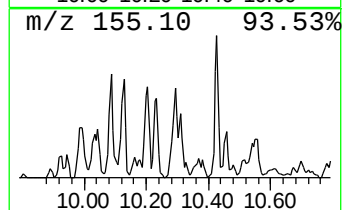
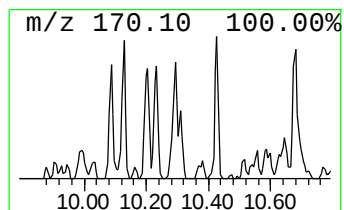
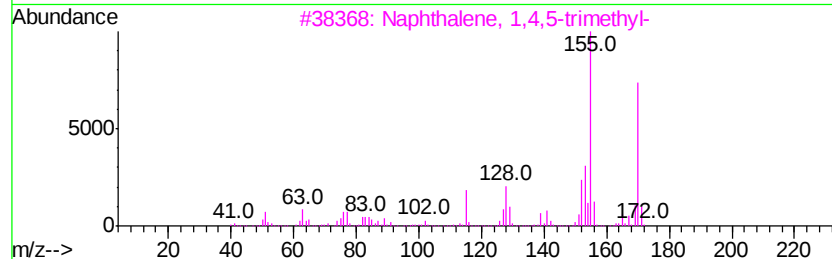
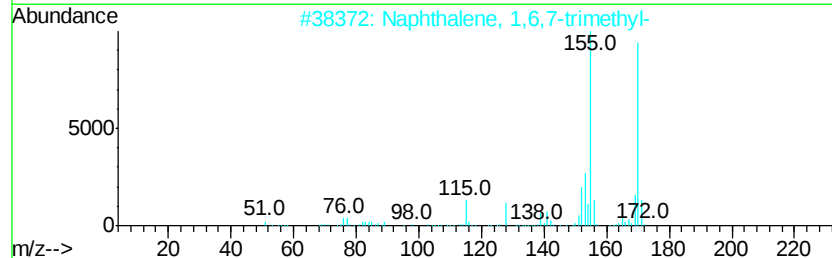
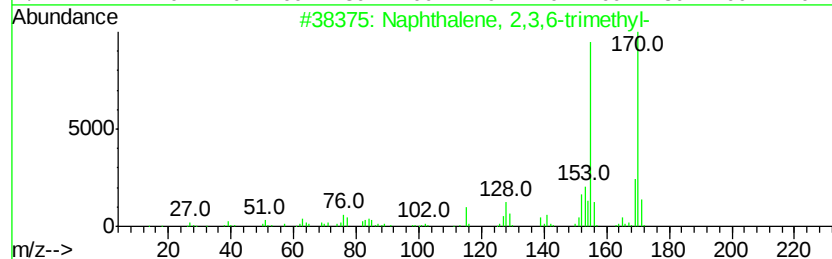
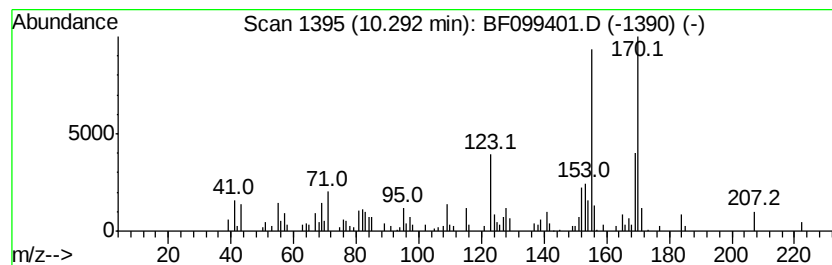
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.29	3.72 ng	144407	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



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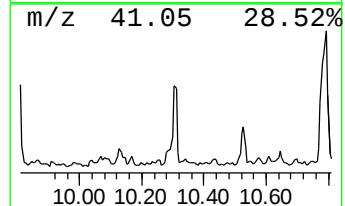
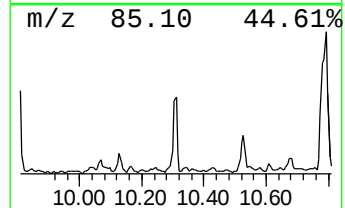
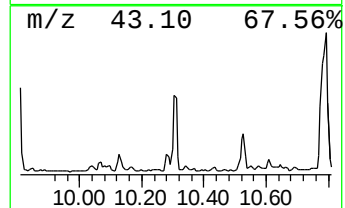
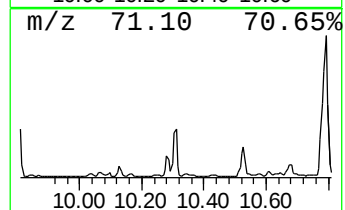
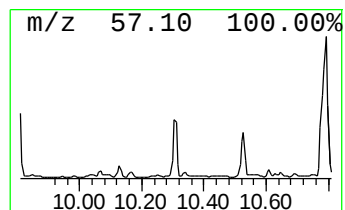
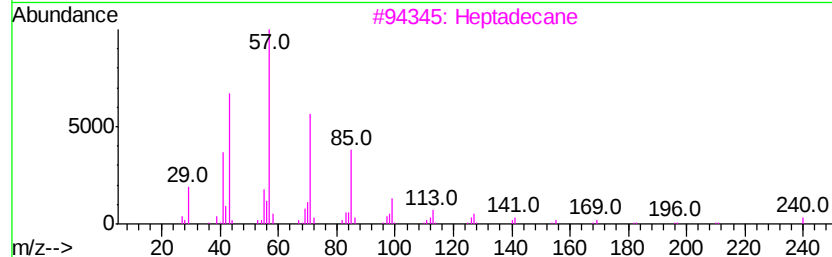
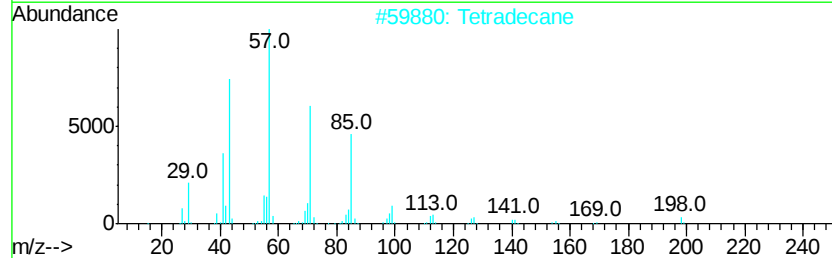
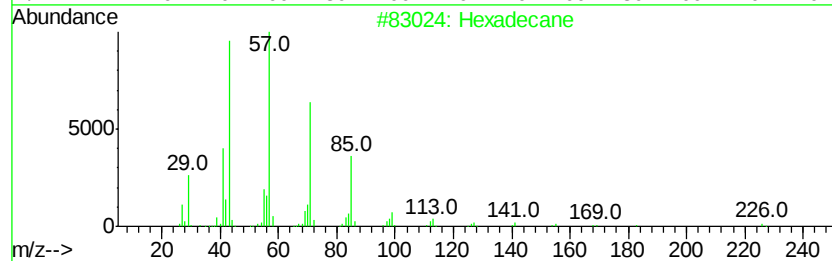
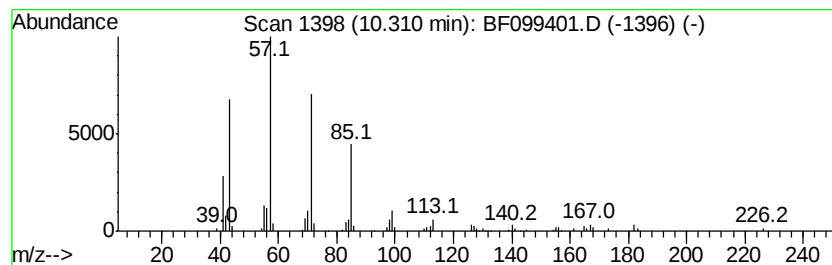
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.93 ng	152738	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Heptadecane	240	C17H36	000629-78-7	83
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Pentadecane	212	C15H32	000629-62-9	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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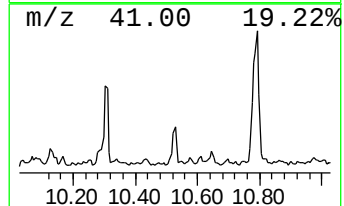
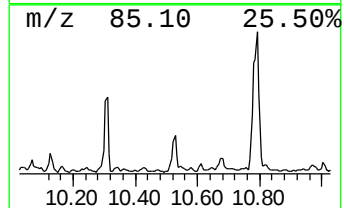
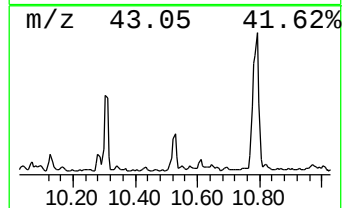
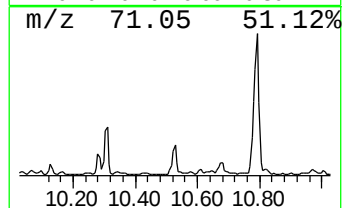
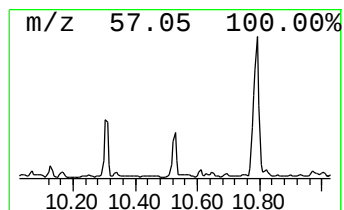
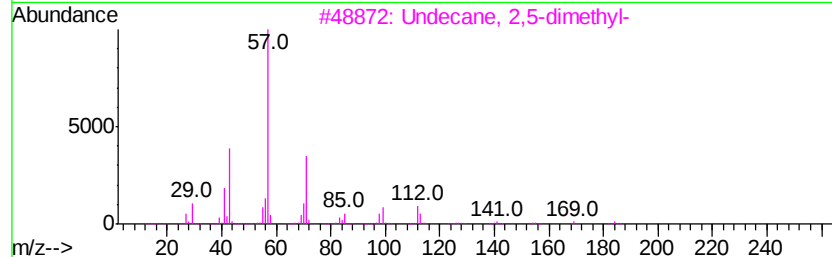
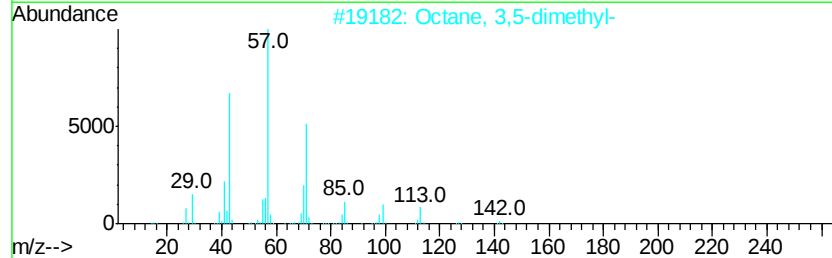
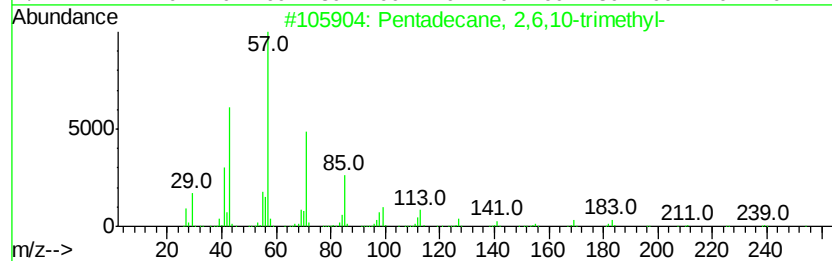
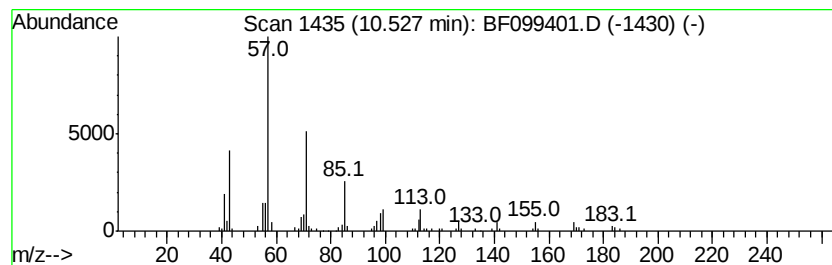
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.73 ng	144654	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
4		Pentacosane	352	C25H52	000629-99-2	72
5		Hentriacontane	437	C31H64	000630-04-6	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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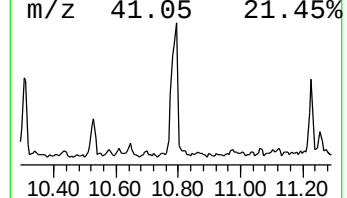
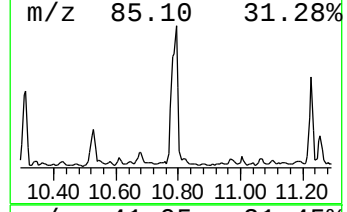
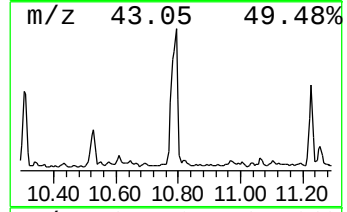
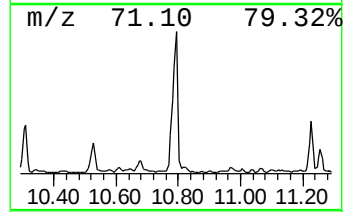
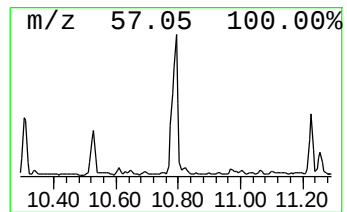
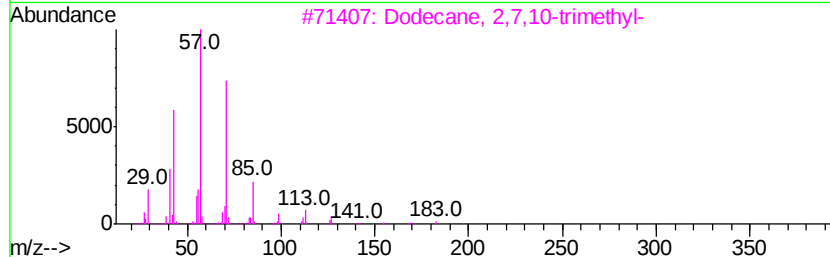
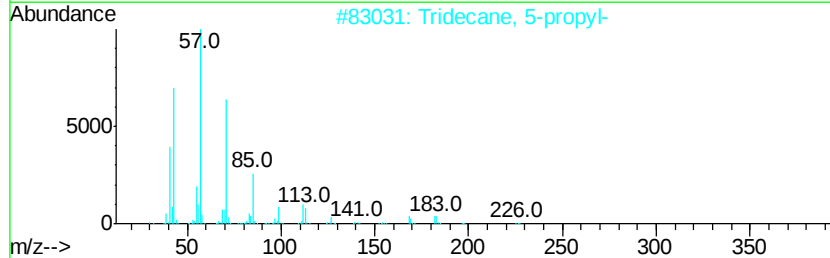
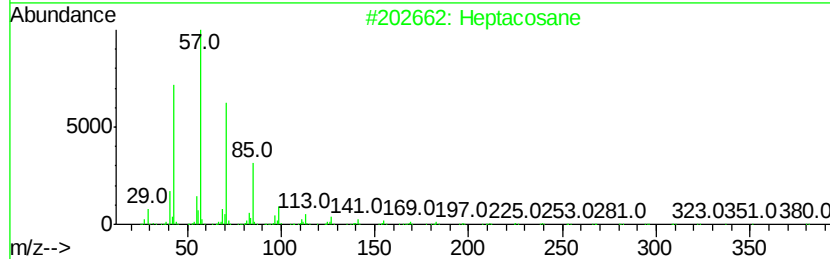
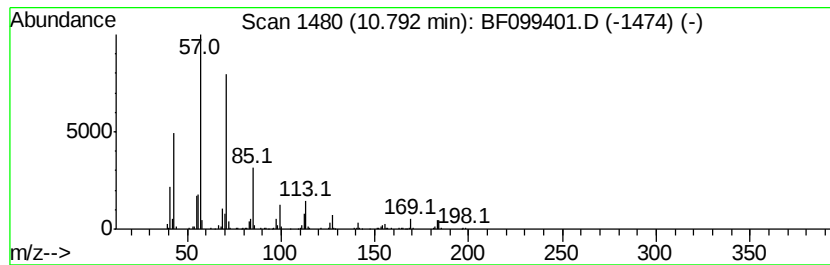
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	14.85 ng	516531	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	86
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	86
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72
4	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	72
5	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
Acq On : 12 Oct 2017 18:13
Operator : SJ/JU
Sample : I5729-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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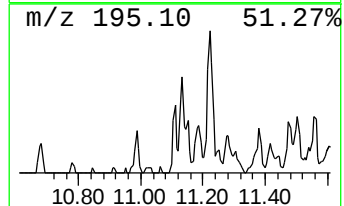
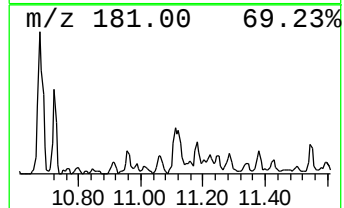
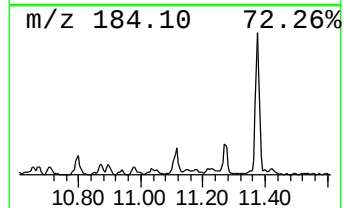
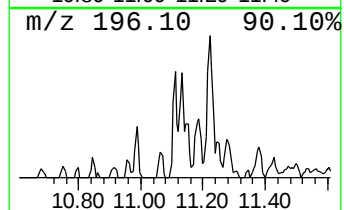
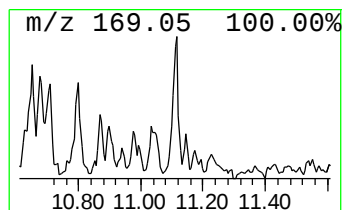
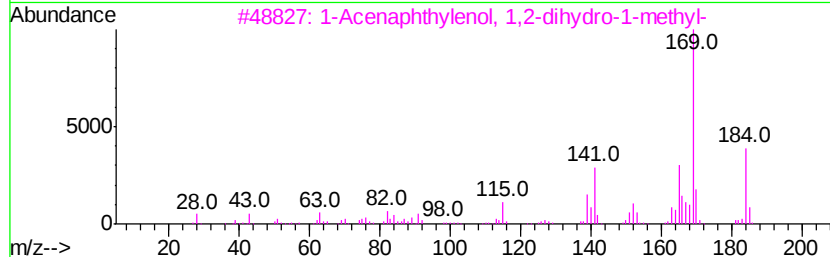
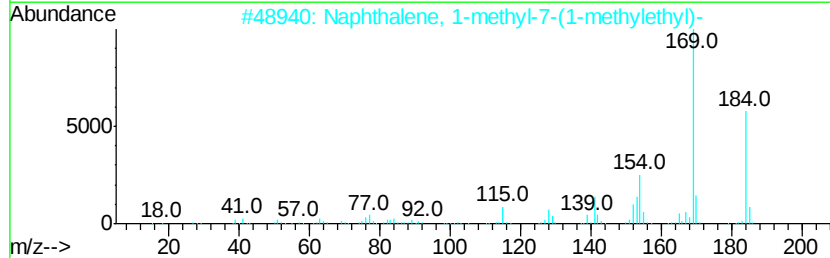
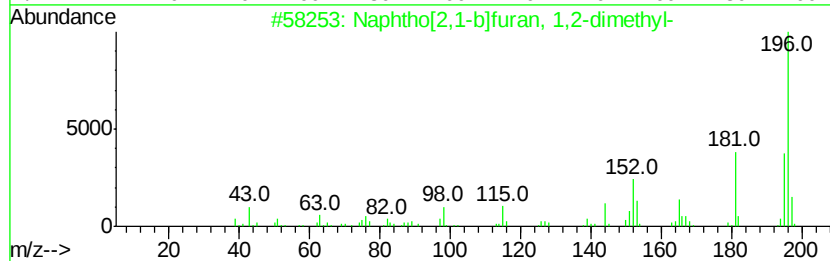
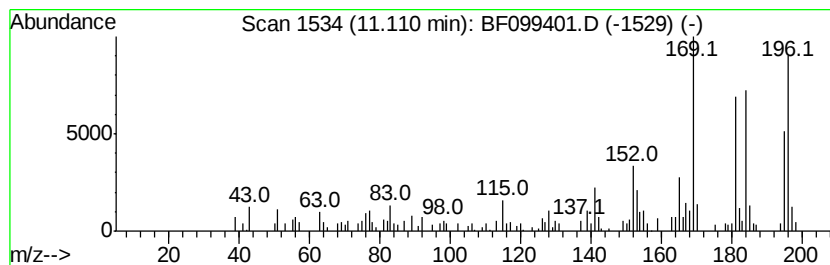
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	6.01 ng	209032	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
2			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
3			1-Acenaphthvlenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	46
4			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	46
5			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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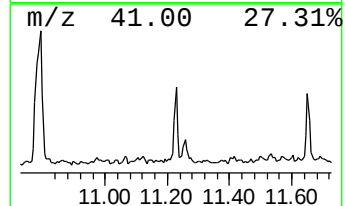
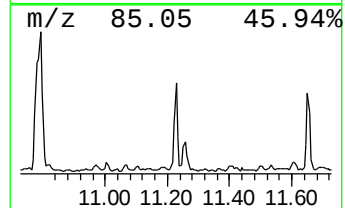
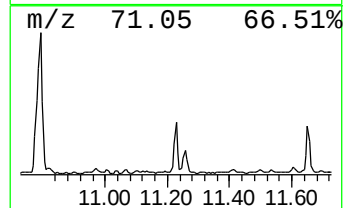
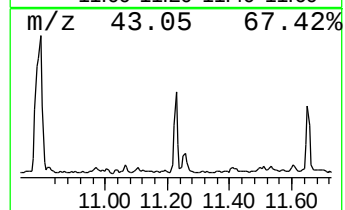
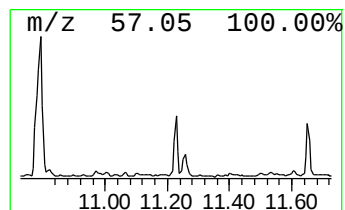
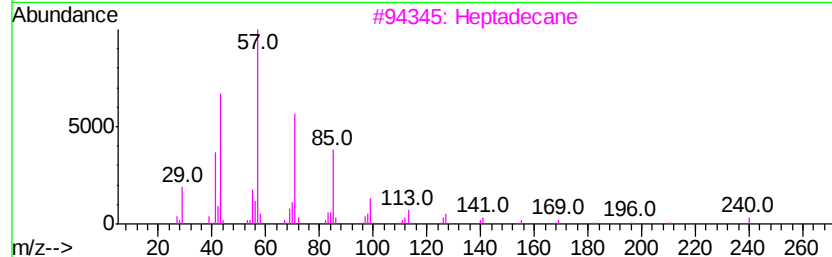
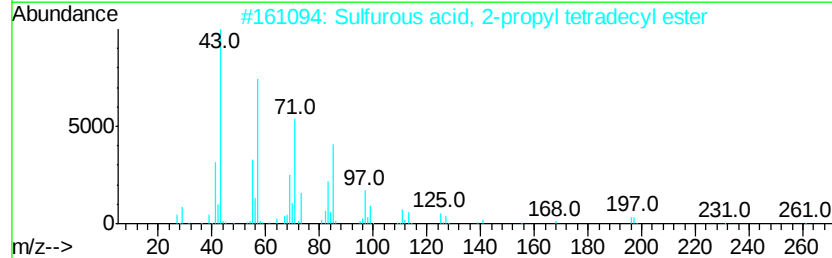
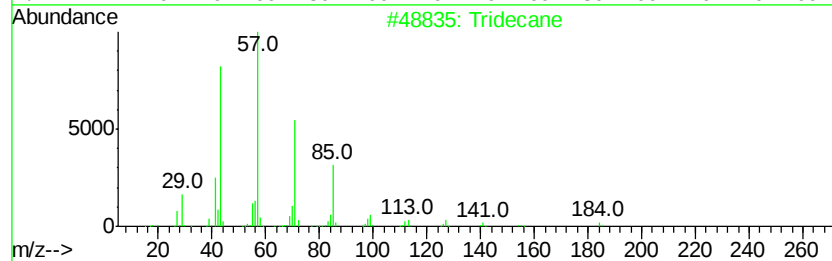
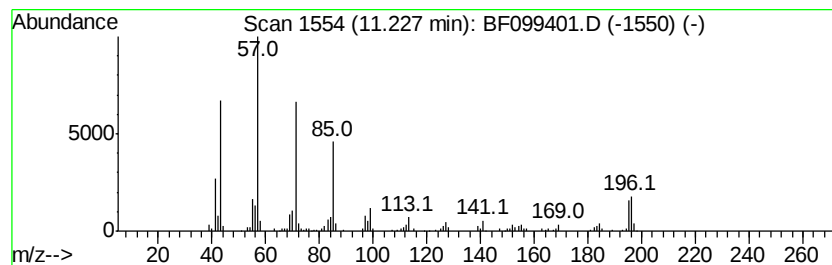
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	6.25 ng	217234	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	72
3	Heptadecane	240	C17H36	000629-78-7	68
4	Octadecane	254	C18H38	000593-45-3	68
5	Docosane	310	C22H46	000629-97-0	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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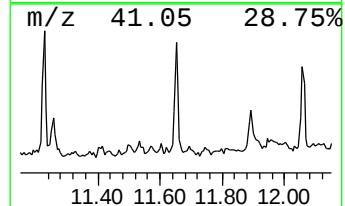
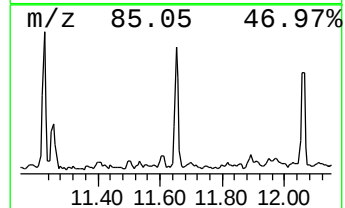
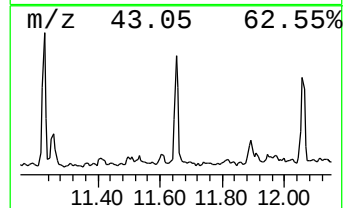
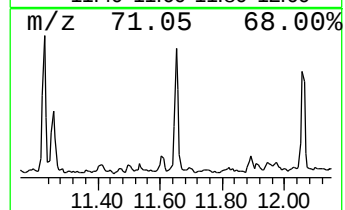
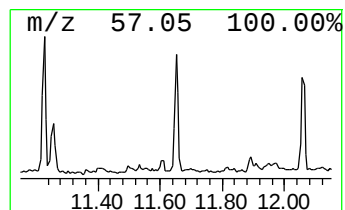
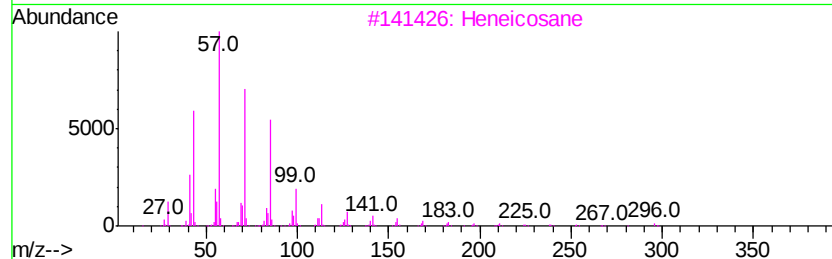
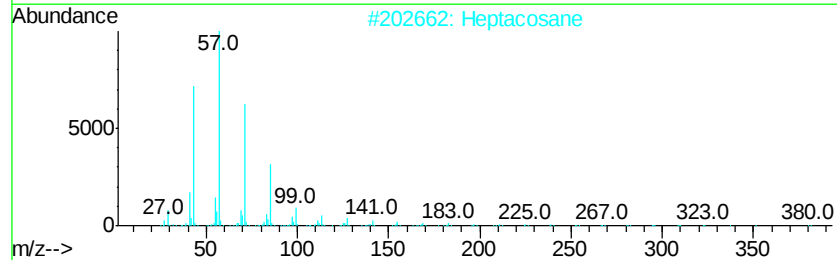
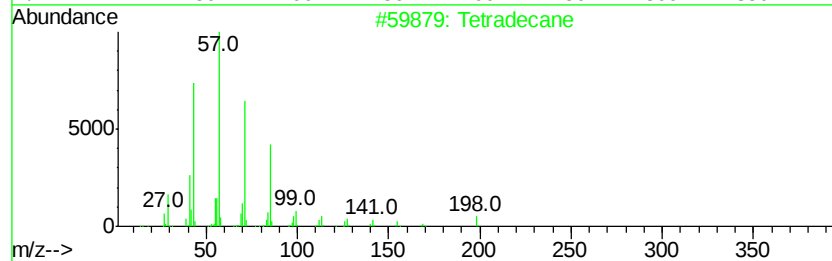
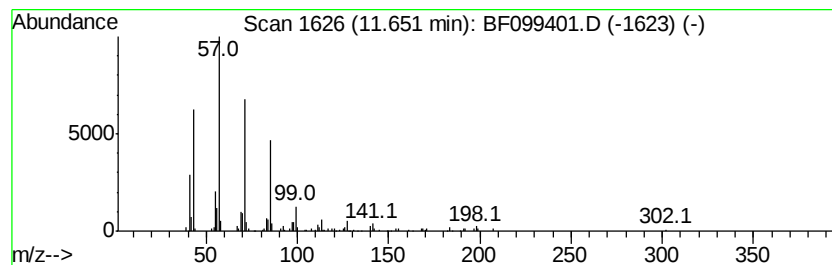
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.77 ng	165921	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Pentadecane	212	C15H32	000629-62-9	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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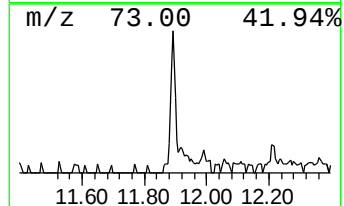
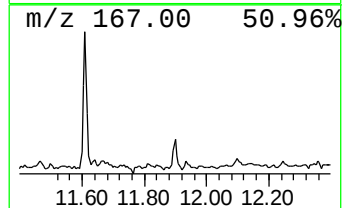
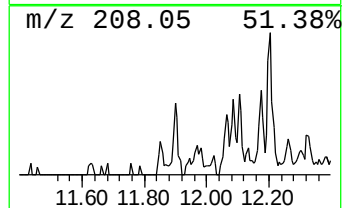
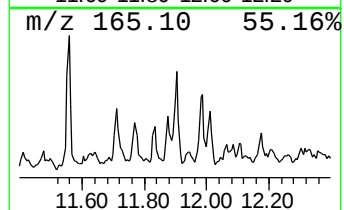
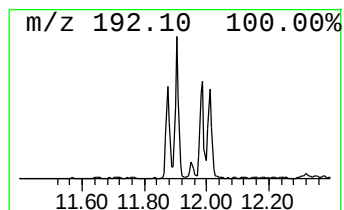
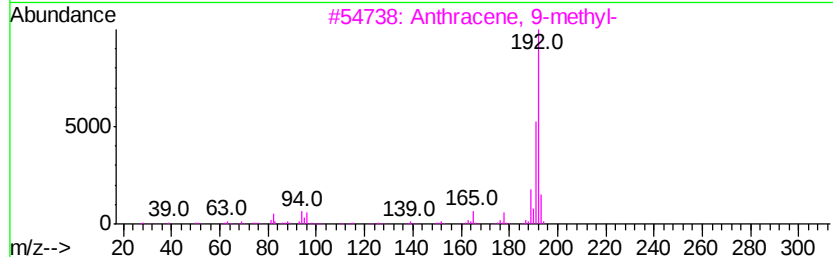
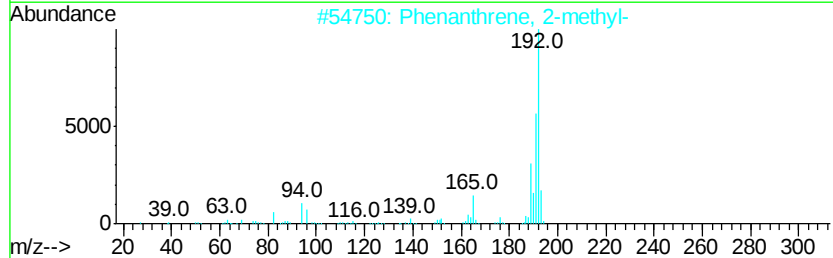
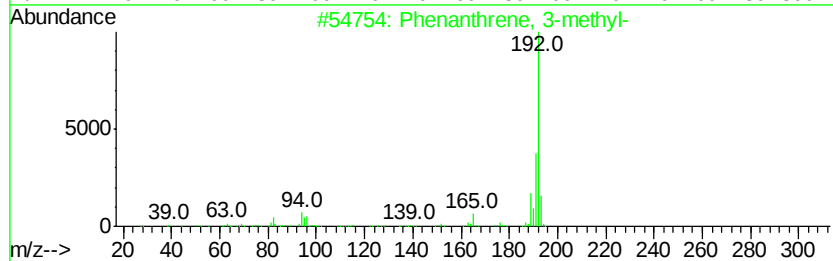
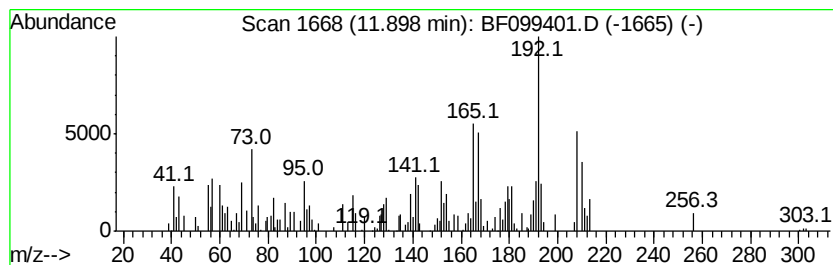
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.62 ng	195522	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
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ClientSampleId :
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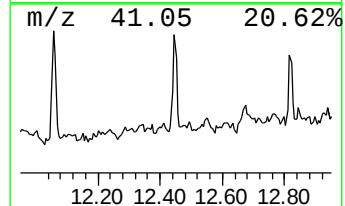
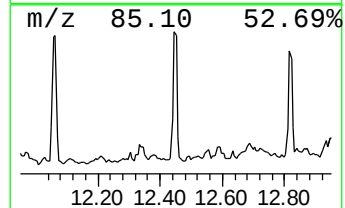
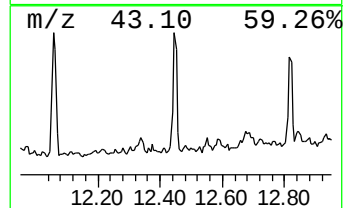
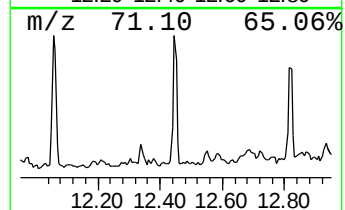
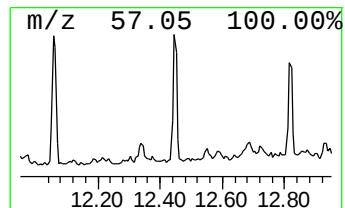
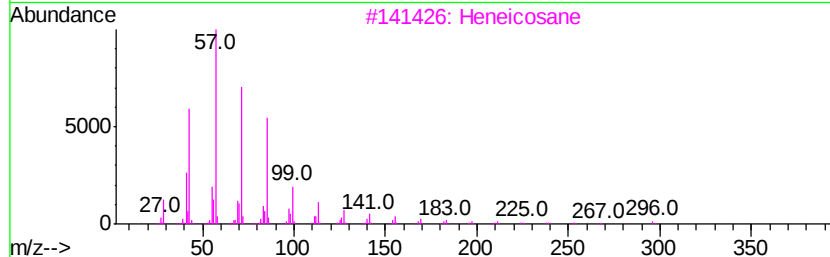
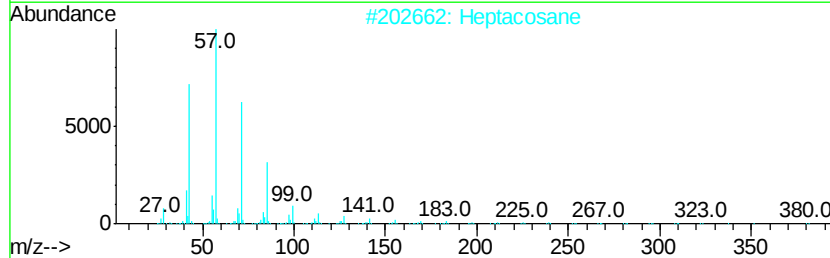
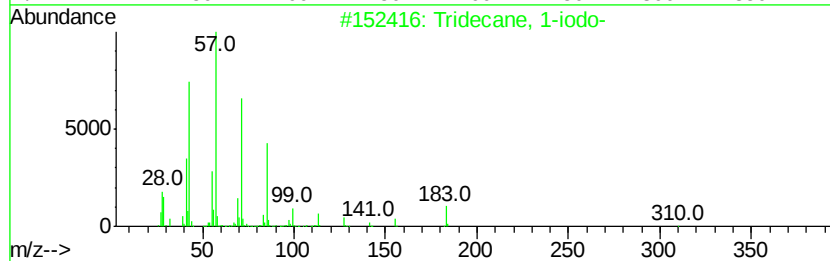
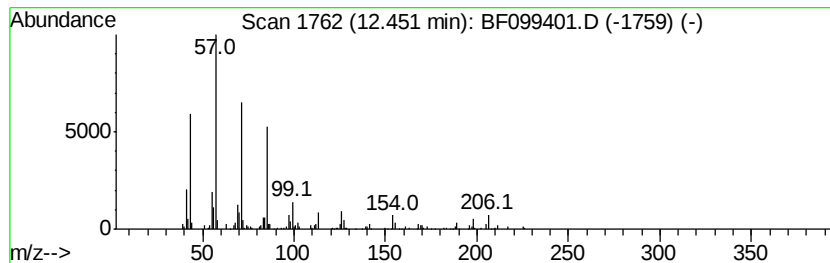
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.32 ng	150404	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
2		Heptacosane	380	C27H56	000593-49-7	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	80
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
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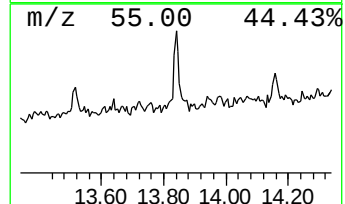
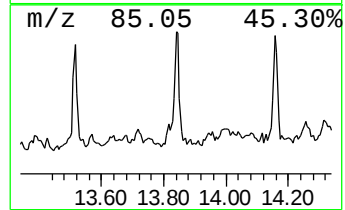
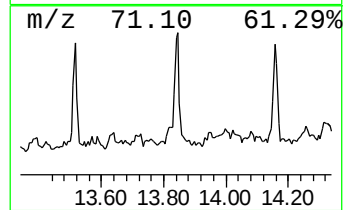
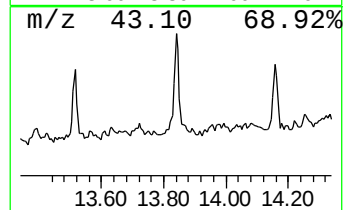
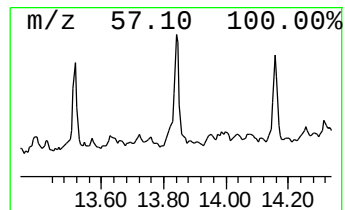
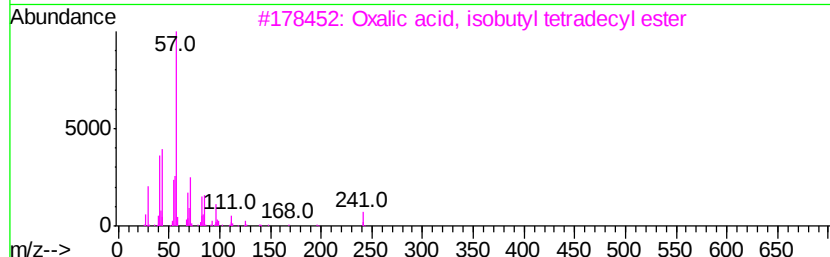
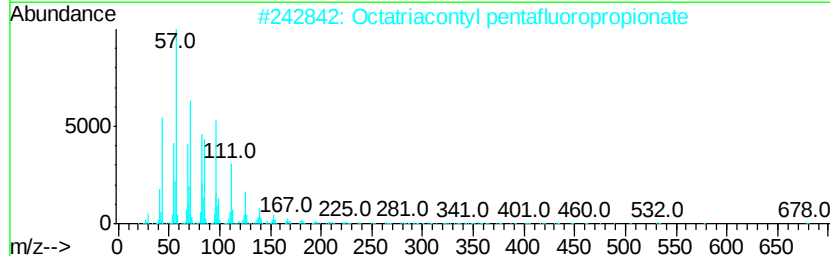
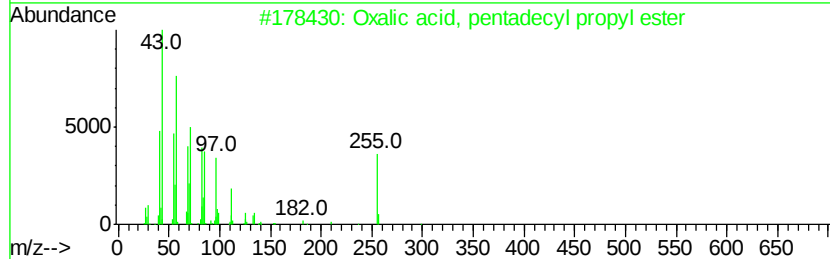
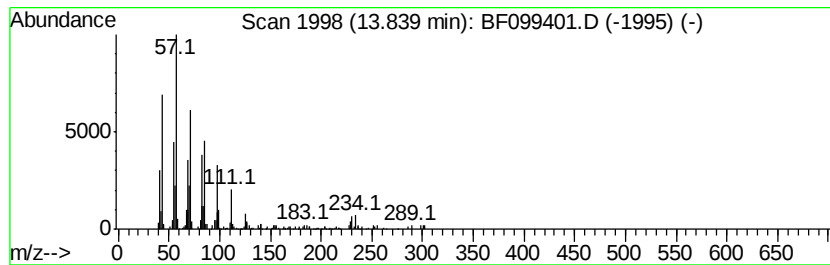
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Oxalic acid, pentadecyl pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.70 ng	127167	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
2		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
3		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	86
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
Acq On : 12 Oct 2017 18:13
Operator : SJ/JU
Sample : I5729-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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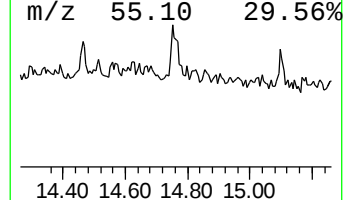
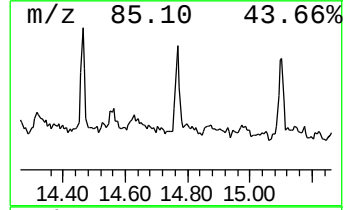
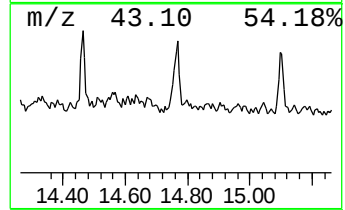
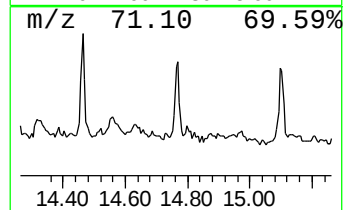
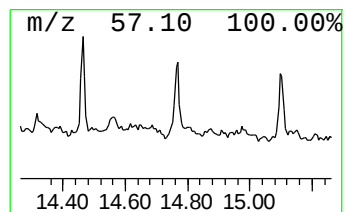
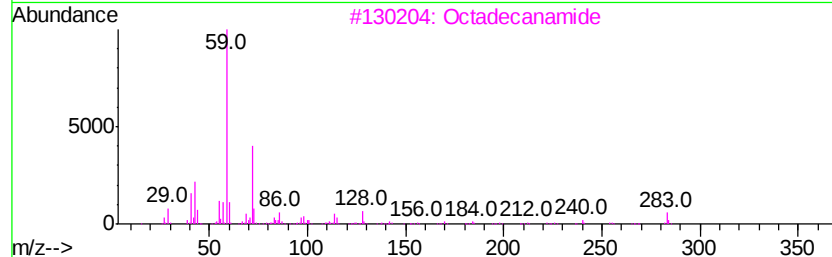
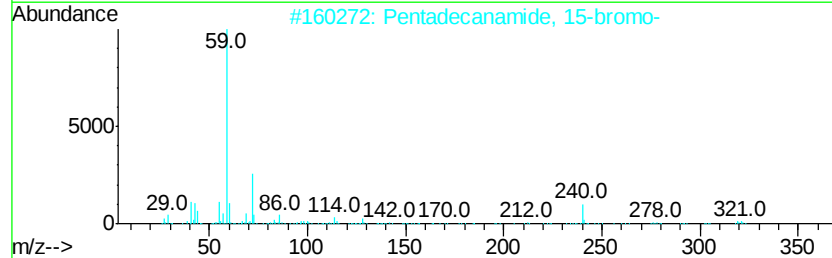
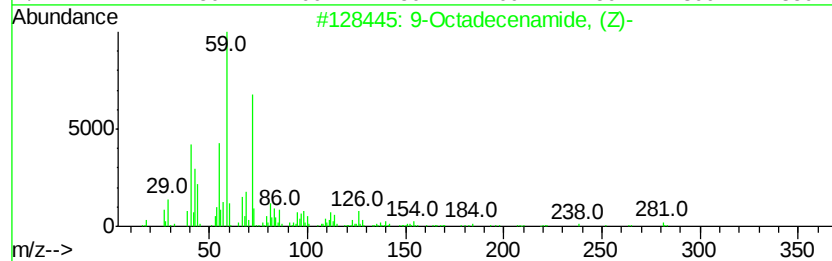
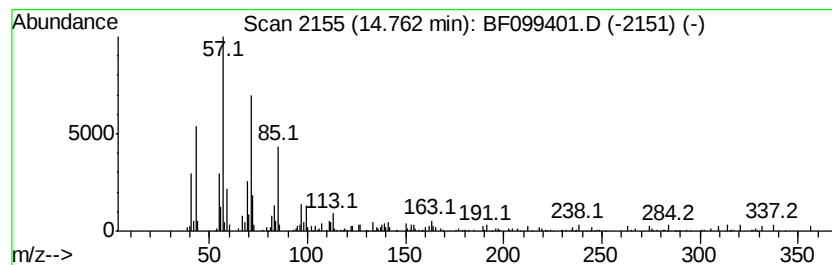
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.77 ng	122707	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52
2		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	50
3		Octadecanamide	283	C18H37NO	000124-26-5	43
4		Nonadecanamide	297	C19H39NO	058185-32-3	43
5		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099401.D
Acq On : 12 Oct 2017 18:13
Operator : SJ/JU
Sample : I5729-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-(1-2)

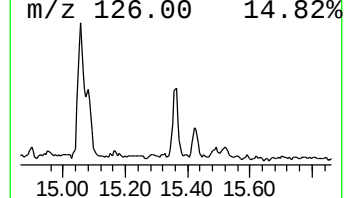
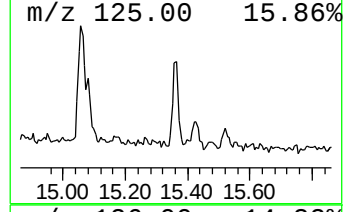
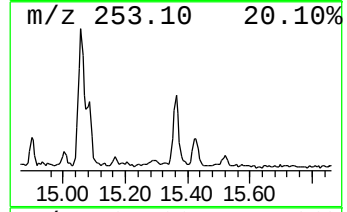
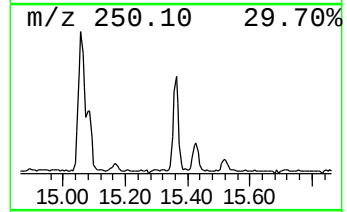
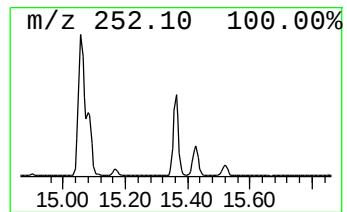
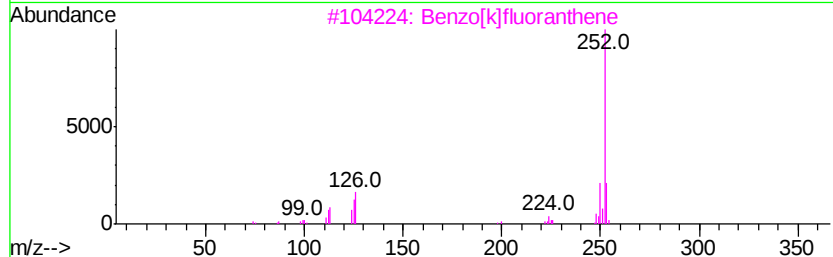
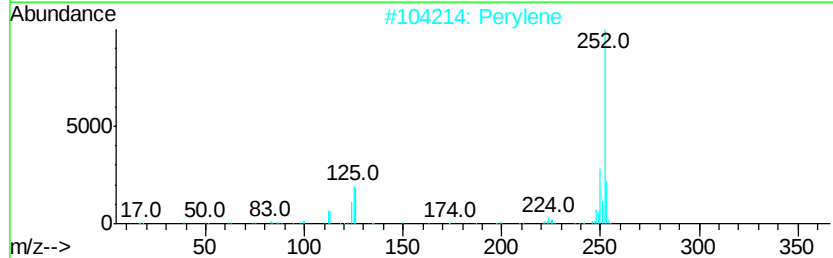
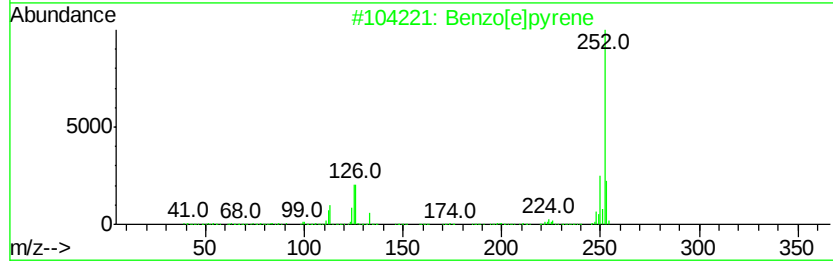
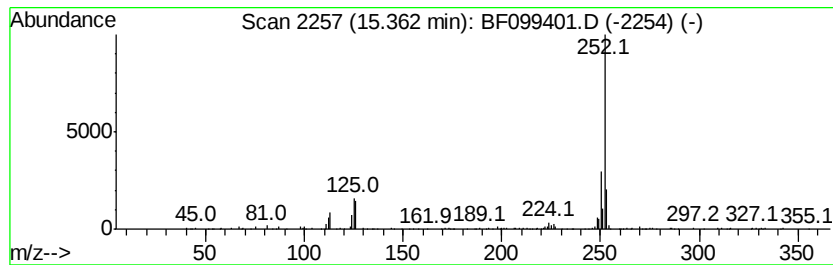
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	6.30 ng	161986	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099401.D
 Acq On : 12 Oct 2017 18:13
 Operator : SJ/JU
 Sample : I5729-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.08	13.5	ng	476710	1	6.85	708016	20.0
unknown6.63	6.63	64.5	ng	2285110	1	6.85	708016	20.0
Octane, 2,6-dimet...	8.55	3.7	ng	160150	2	8.13	859382	20.0
Naphthalene, 1-me...	8.95	4.8	ng	204872	2	8.13	859382	20.0
Naphthalene, 2,7-...	9.55	4.1	ng	160875	3	9.89	776661	20.0
Decane, 2,3,5-tri...	9.81	4.5	ng	173362	3	9.89	776661	20.0
Naphthalene, 2,3,...	10.29	3.7	ng	144407	3	9.89	776661	20.0
Hexadecane	10.31	3.9	ng	152738	3	9.89	776661	20.0
Pentadecane, 2,6,...	10.53	3.7	ng	144654	3	9.89	776661	20.0
Heptacosane	10.79	14.9	ng	516531	4	11.37	695691	20.0
Naphtho[2,1-b]fur...	11.11	6.0	ng	209032	4	11.37	695691	20.0
Tridecane	11.23	6.3	ng	217234	4	11.37	695691	20.0
Tetradecane	11.65	4.8	ng	165921	4	11.37	695691	20.0
Phenanthrene, 3-m...	11.90	5.6	ng	195522	4	11.37	695691	20.0
Tridecane, 1-iodo-	12.45	4.3	ng	150404	4	11.37	695691	20.0
Oxalic acid, pent...	13.84	3.7	ng	127167	5	14.02	687260	20.0
9-Octadecenamide,...	14.76	4.8	ng	122707	6	15.49	514011	20.0
Benzo[e]pyrene	15.36	6.3	ng	161986	6	15.49	514011	20.0