

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113423.D
 Acq On : 29 Mar 2019 19:53
 Operator : JU/SJ
 Sample : K2121-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

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-BF032519.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	5.310	546	548	557	rVB	907118	956513	21.72%	0.712%
2	5.534	583	586	591	rVV	892141	851040	19.32%	0.634%
3	5.951	654	657	663	rVB	473708	527899	11.99%	0.393%
4	6.145	684	690	693	rBV2	469331	589928	13.39%	0.439%
5	6.210	699	701	703	rVV	580032	446056	10.13%	0.332%
6	6.239	703	706	708	rVV2	657543	687549	15.61%	0.512%
7	6.304	714	717	720	rBV2	1508500	1383882	31.42%	1.031%
8	6.345	720	724	728	rVV	665376	872904	19.82%	0.650%
9	6.386	728	731	737	rVB	747831	917488	20.83%	0.683%
10	6.445	737	741	743	rBV2	384295	424178	9.63%	0.316%
11	6.475	743	746	750	rVV	2273922	2208500	50.14%	1.645%
12	6.551	755	759	764	rBV	3558704	3337476	75.78%	2.485%
13	6.698	782	784	787	rVV	1183384	1113191	25.28%	0.829%
14	6.728	787	789	792	rVV2	1440608	1221607	27.74%	0.910%
15	6.763	792	795	799	rVV2	1530112	1523677	34.60%	1.135%
16	6.834	804	807	808	rVV	674271	665513	15.11%	0.496%
17	6.857	808	811	814	rVV	2869096	2758253	62.63%	2.054%
18	6.886	814	816	819	rVB2	404533	413819	9.40%	0.308%
19	6.945	823	826	830	rVV5	377697	745007	16.92%	0.555%
20	6.992	830	834	836	rVV2	1281506	1490813	33.85%	1.110%
21	7.028	836	840	842	rVV2	1621101	1736662	39.43%	1.293%
22	7.057	842	845	849	rVB	1431496	1407838	31.97%	1.048%
23	7.098	849	852	856	rBV	1713850	1648635	37.43%	1.228%
24	7.245	870	877	878	rBV	1362723	1497925	34.01%	1.115%
25	7.263	878	880	883	rVV	1671619	1776018	40.32%	1.323%
26	7.286	883	884	886	rVV	521961	462163	10.49%	0.344%
27	7.316	886	889	892	rVV	4605974	4404283	100.00%	3.280%
28	7.357	892	896	900	rVB5	593319	868491	19.72%	0.647%
29	7.392	900	902	905	rBV2	468464	490512	11.14%	0.365%
30	7.422	905	907	910	rVB2	499373	499665	11.34%	0.372%
31	7.481	910	917	919	rBV	984291	1279702	29.06%	0.953%
32	7.504	919	921	925	rVB	1014770	985676	22.38%	0.734%
33	7.610	934	939	943	rBV5	461721	828275	18.81%	0.617%
34	7.722	954	958	966	rBV4	1539101	2656510	60.32%	1.978%

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35	7.981	998	1002	1005	rBV2	2202764	2034140	46.19%	1.515%
36	8.228	1041	1044	1046	rBV	457164	607690	13.80%	0.453%
37	8.281	1049	1053	1056	rVB3	1024344	1424393	32.34%	1.061%
38	8.339	1060	1063	1066	rBV3	461980	525951	11.94%	0.392%
39	8.369	1066	1068	1071	rVB	620837	582301	13.22%	0.434%
40	8.416	1071	1076	1078	rBV	1060433	1301711	29.56%	0.969%
41	8.463	1081	1084	1085	rBV2	383316	419054	9.51%	0.312%
42	8.522	1091	1094	1097	rVB2	986735	961185	21.82%	0.716%
43	8.586	1101	1105	1108	rBV2	1683280	1596875	36.26%	1.189%
44	8.763	1132	1135	1137	rVB3	420995	425188	9.65%	0.317%
45	8.869	1150	1153	1155	rBV2	940799	988172	22.44%	0.736%
46	8.898	1155	1158	1160	rVV3	900802	1166033	26.47%	0.868%
47	8.951	1164	1167	1169	rVV	692129	591223	13.42%	0.440%
48	8.992	1170	1174	1176	rVV2	1192487	1376137	31.25%	1.025%
49	9.016	1176	1178	1182	rVV2	1385267	1490125	33.83%	1.110%
50	9.063	1182	1186	1188	rVB	3118355	2994814	68.00%	2.230%
51	9.092	1188	1191	1198	rVB7	255132	482321	10.95%	0.359%
52	9.151	1198	1201	1206	rBV2	1264263	1622822	36.85%	1.208%
53	9.404	1241	1244	1246	rVV2	820576	1084420	24.62%	0.808%
54	9.427	1246	1248	1250	rVV2	1026690	949898	21.57%	0.707%
55	9.469	1250	1255	1257	rVV2	2251632	2768091	62.85%	2.061%
56	9.492	1257	1259	1263	rVB	907906	856136	19.44%	0.638%
57	9.527	1263	1265	1267	rBV	748334	709853	16.12%	0.529%
58	9.627	1278	1282	1284	rBV2	693056	844546	19.18%	0.629%
59	9.651	1284	1286	1288	rVV2	442730	427607	9.71%	0.318%
60	9.675	1288	1290	1293	rVV	826433	811257	18.42%	0.604%
61	9.716	1294	1297	1298	rVV2	797610	798408	18.13%	0.595%
62	9.733	1298	1300	1303	rVV2	1239725	1140440	25.89%	0.849%
63	9.910	1327	1330	1333	rBV3	594781	929297	21.10%	0.692%
64	9.939	1333	1335	1337	rVV	626528	540305	12.27%	0.402%
65	9.963	1337	1339	1342	rVV	419914	418319	9.50%	0.312%
66	9.998	1342	1345	1349	rVV2	1215403	1269380	28.82%	0.945%
67	10.174	1373	1375	1378	rVV	680787	575521	13.07%	0.429%
68	10.398	1408	1413	1415	rBV	1513400	1730888	39.30%	1.289%
69	10.445	1419	1421	1424	rVB2	496718	437761	9.94%	0.326%
70	10.480	1424	1427	1428	rBV2	593427	624673	14.18%	0.465%
71	10.522	1428	1434	1438	rVB3	1733248	2794914	63.46%	2.081%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	10.663	1453	1458	1462	rBV	2936722	3516765	79.85%	2.619%
73	10.716	1463	1467	1469	rVV	2641037	2769219	62.88%	2.062%
74	10.751	1469	1473	1476	rVV2	3069762	4021439	91.31%	2.995%
75	10.780	1476	1478	1481	rVV2	2971441	3139494	71.28%	2.338%
76	10.804	1481	1482	1485	rVV	1813281	1336193	30.34%	0.995%
77	10.845	1485	1489	1494	rVV2	1724617	3351982	76.11%	2.496%
78	10.892	1494	1497	1501	rVV3	2111579	2890271	65.62%	2.152%
79	10.933	1501	1504	1506	rVV	2672468	2962853	67.27%	2.206%
80	10.969	1508	1510	1515	rVB3	1940817	2012715	45.70%	1.499%
81	11.092	1529	1531	1533	rBV3	526227	534601	12.14%	0.398%
82	11.127	1533	1537	1543	rVV	2463220	2861238	64.96%	2.131%
83	11.216	1549	1552	1555	rVV	1240869	1219726	27.69%	0.908%
84	11.269	1559	1561	1566	rVB	576087	884217	20.08%	0.658%
85	11.363	1575	1577	1581	rBV2	483673	437531	9.93%	0.326%
86	11.404	1581	1584	1586	rBV	642728	554788	12.60%	0.413%
87	11.433	1586	1589	1593	rBV	595230	474031	10.76%	0.353%
88	11.474	1593	1596	1599	rBV	746719	740767	16.82%	0.552%
89	11.680	1628	1631	1633	rBV	799122	850084	19.30%	0.633%
90	11.763	1640	1645	1651	rVV4	1620032	2467512	56.03%	1.837%
91	11.810	1651	1653	1657	rVV2	446696	698526	15.86%	0.520%
92	11.857	1659	1661	1665	rVB	571279	576557	13.09%	0.429%
93	12.074	1695	1698	1700	rBV	446901	516313	11.72%	0.384%
94	12.445	1759	1761	1771	rVB2	386134	832204	18.90%	0.620%
95	12.539	1771	1777	1782	rVV	2215672	2943809	66.84%	2.192%
96	12.610	1786	1789	1793	rVB	765606	744257	16.90%	0.554%
97	12.792	1816	1820	1828	rBV	3364263	3319319	75.37%	2.472%
98	13.710	1972	1976	1987	rVB2	446852	833497	18.92%	0.621%
99	13.839	1993	1998	2003	rVB	1227124	1265619	28.74%	0.942%
100	15.239	2232	2236	2250	rVB2	940308	1554272	35.29%	1.157%

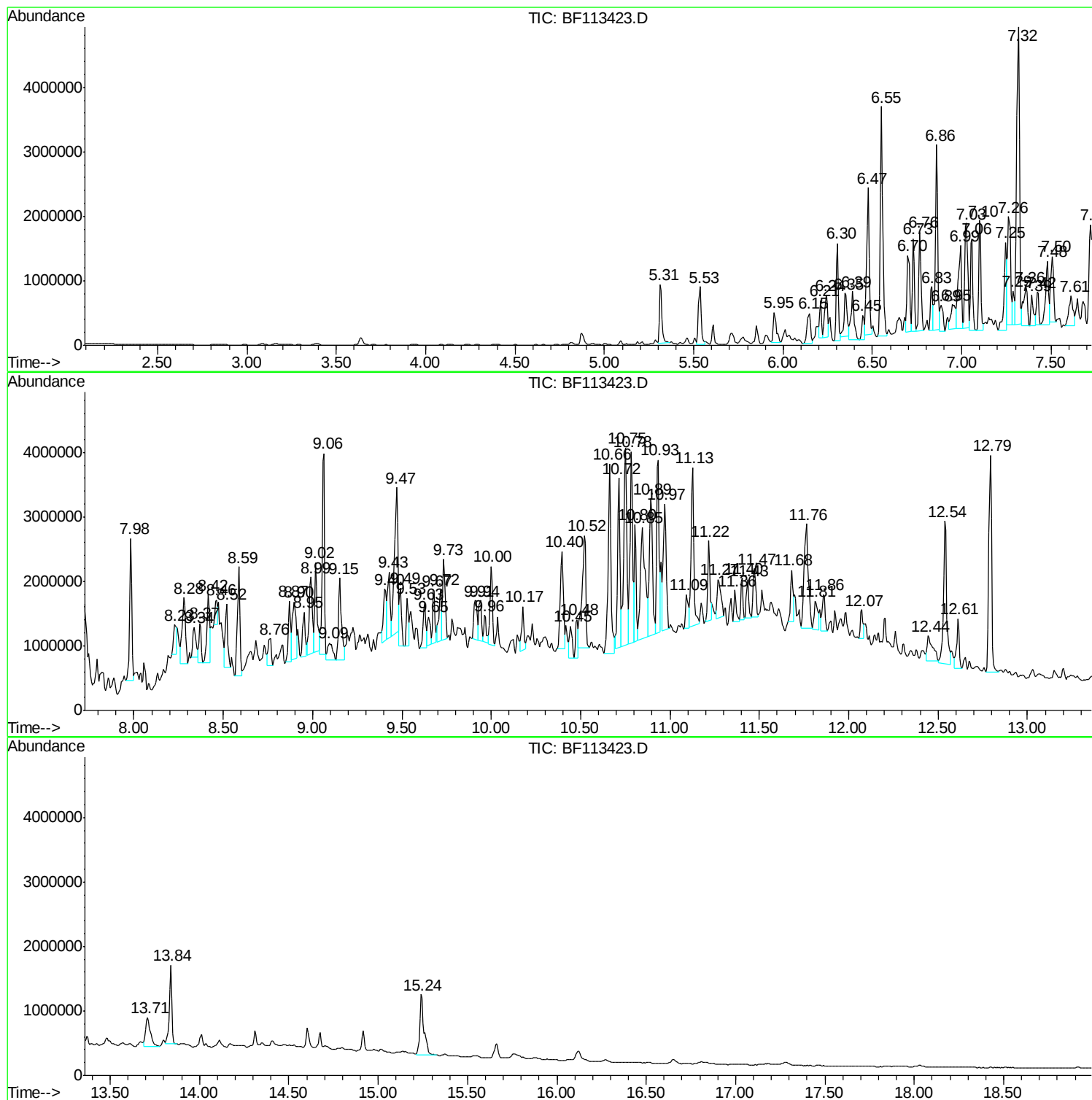
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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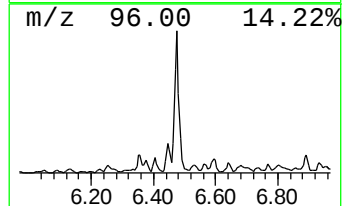
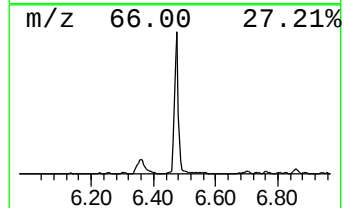
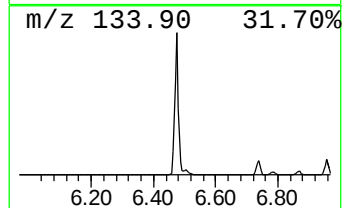
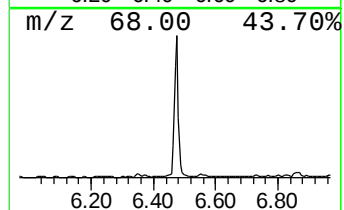
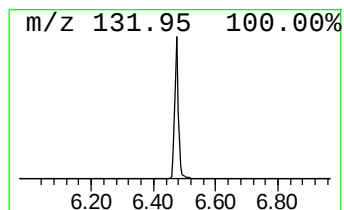
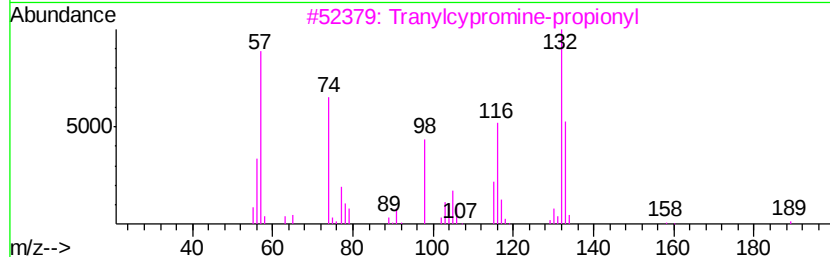
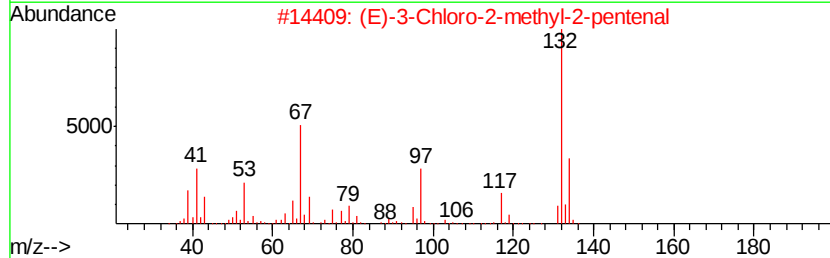
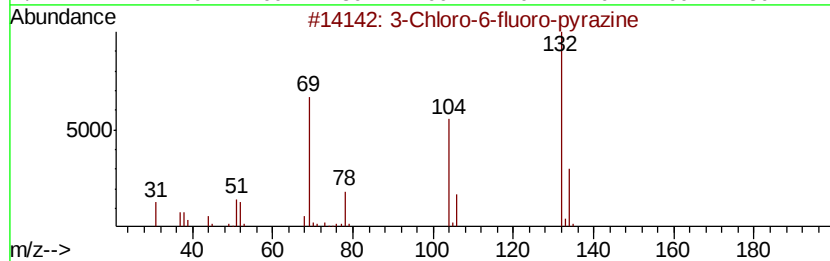
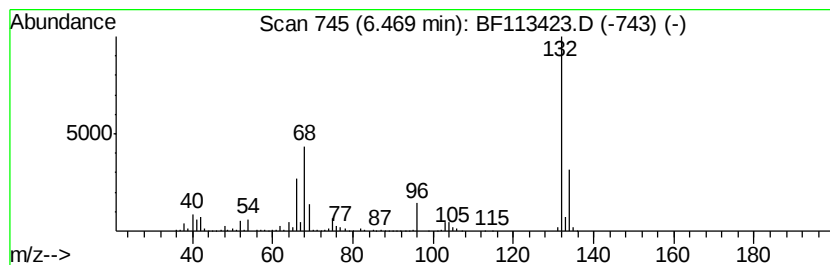
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	39.68 ng	2208500	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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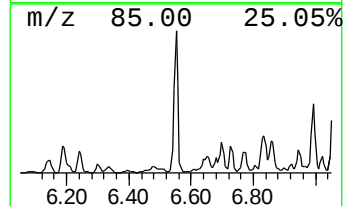
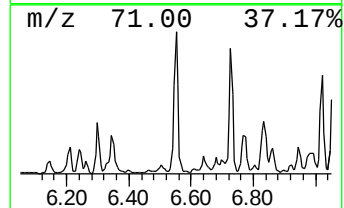
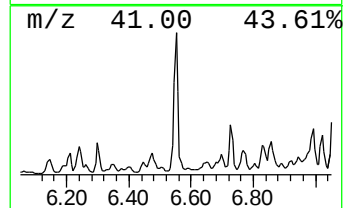
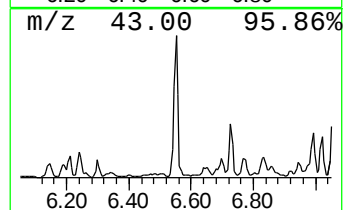
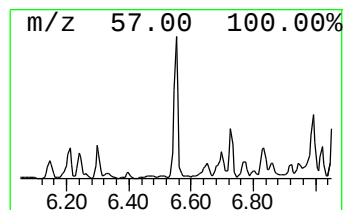
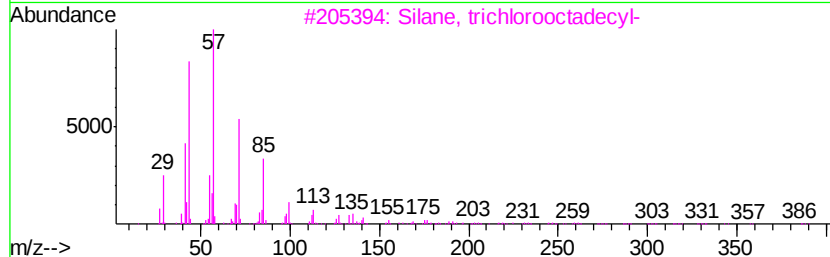
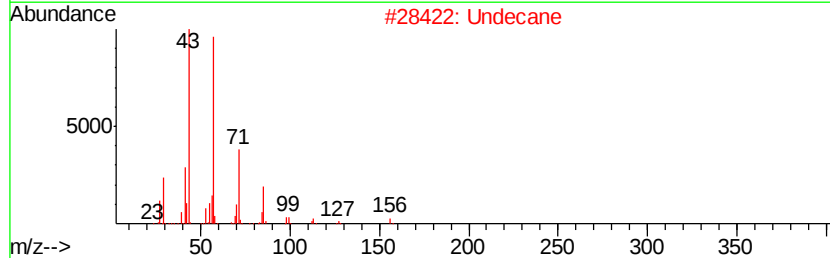
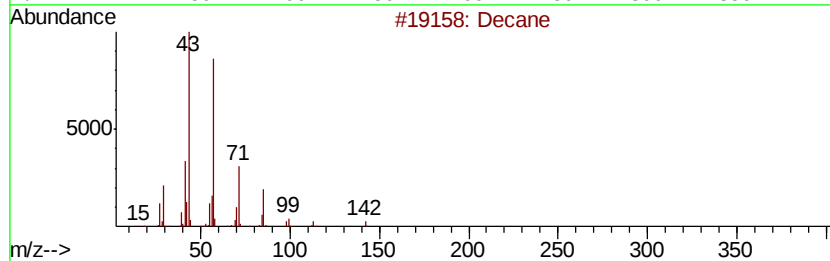
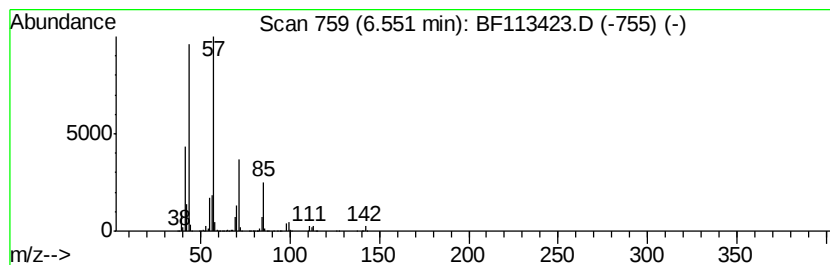
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	59.96 ng	3337480	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Undecane	156	C11H24	001120-21-4	83
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5		Tridecane	184	C13H28	000629-50-5	78



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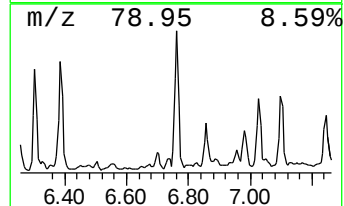
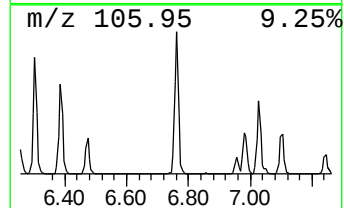
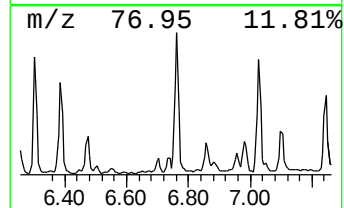
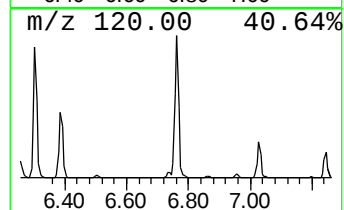
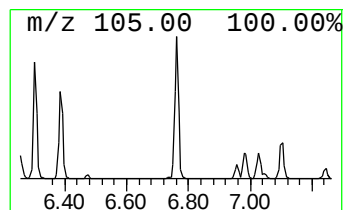
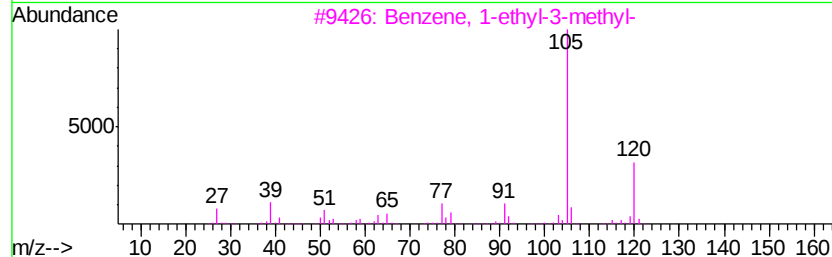
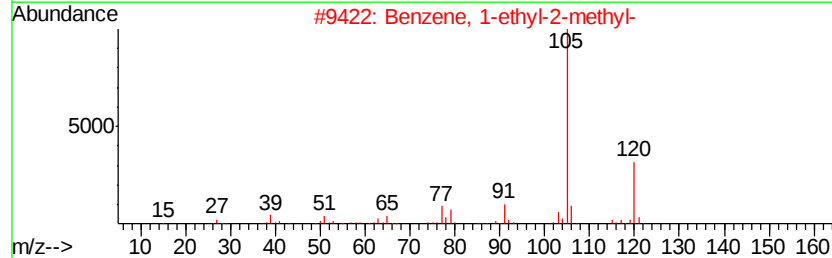
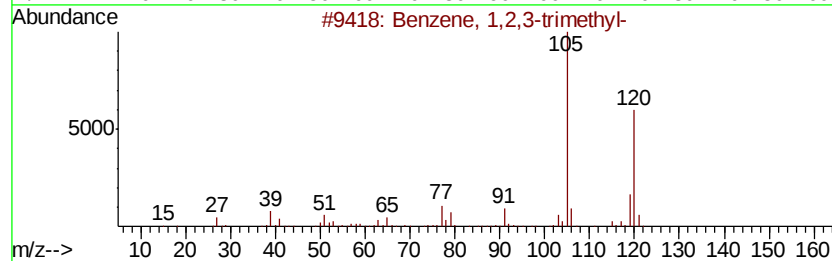
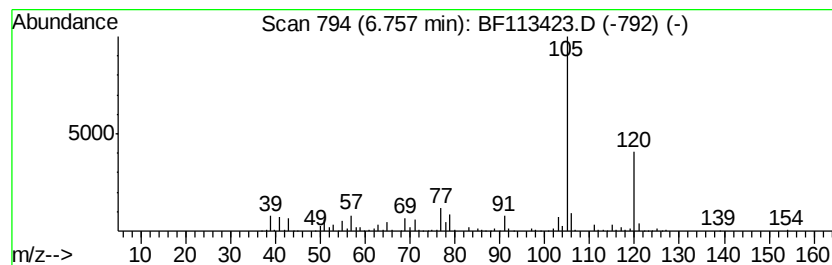
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	27.37 ng	1523680	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Mesitylene	120	C9H12	000108-67-8	70



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Data File : BF113423.D
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Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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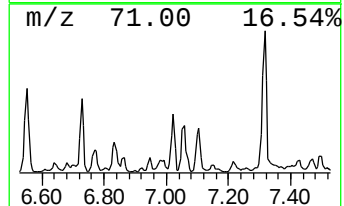
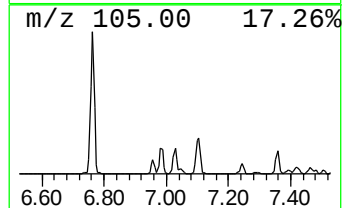
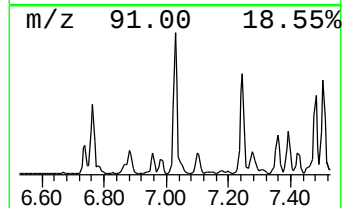
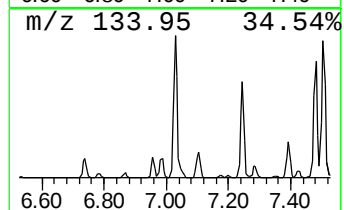
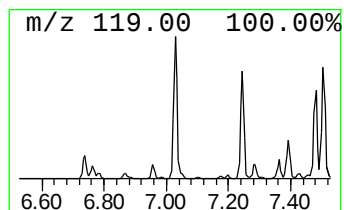
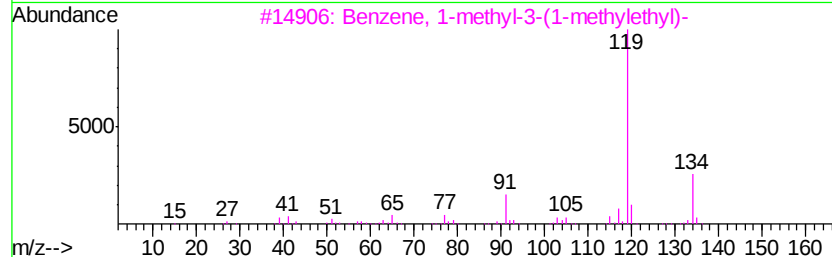
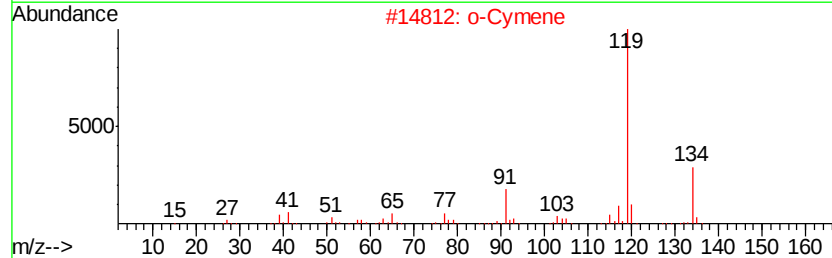
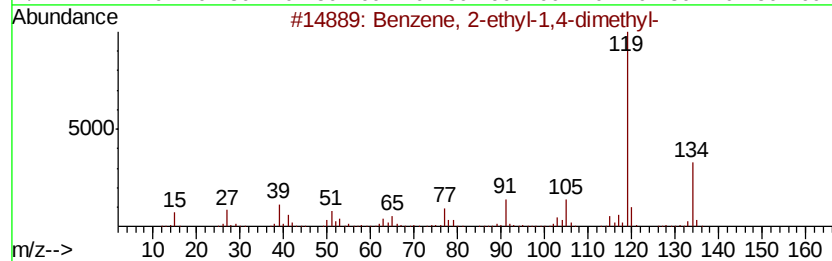
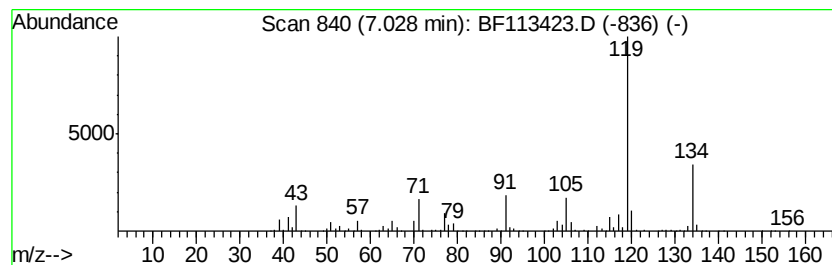
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	31.20 ng	1736660	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Sample : K2121-08
Misc :
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Instrument :
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ClientSampled :
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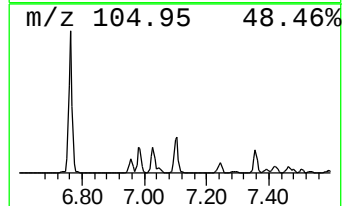
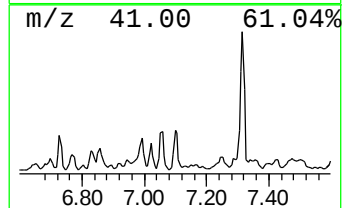
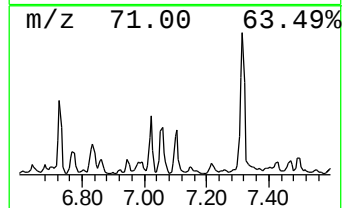
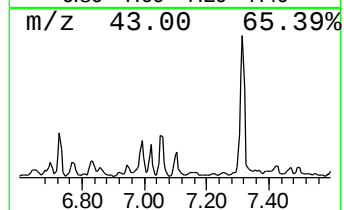
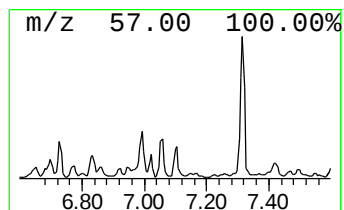
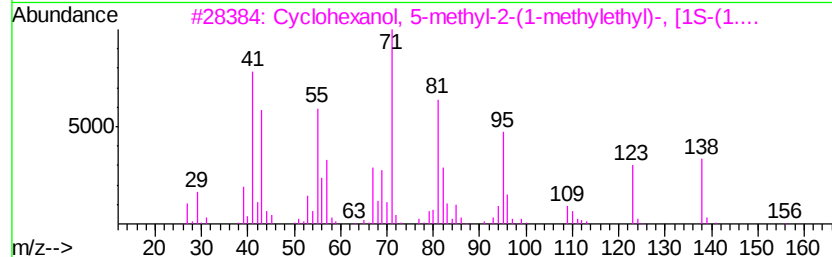
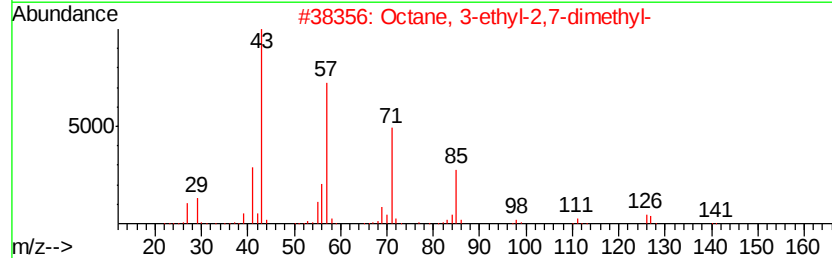
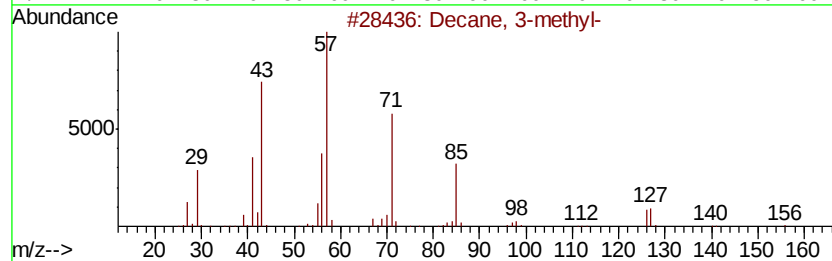
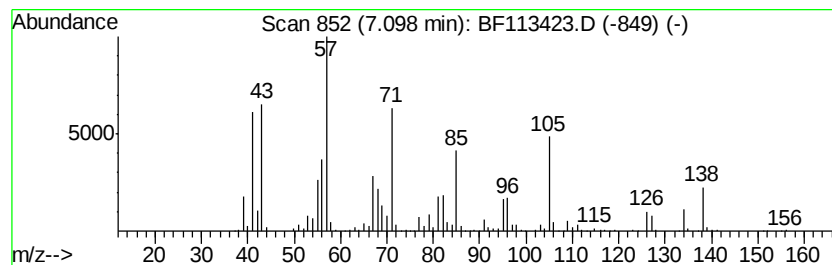
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	29.62 ng	1648640	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	38
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38



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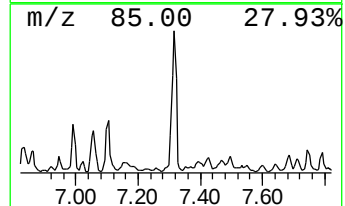
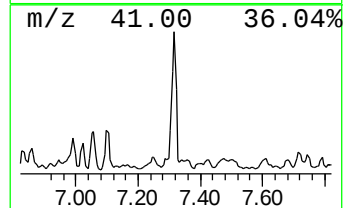
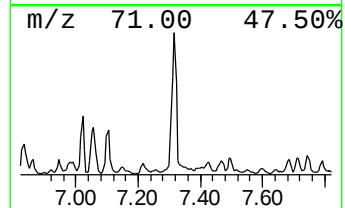
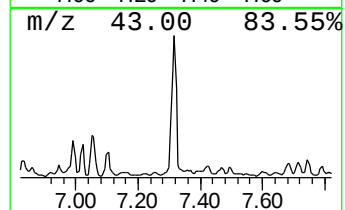
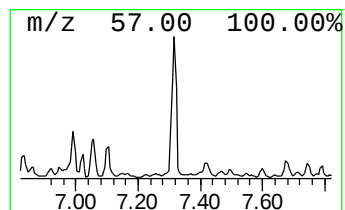
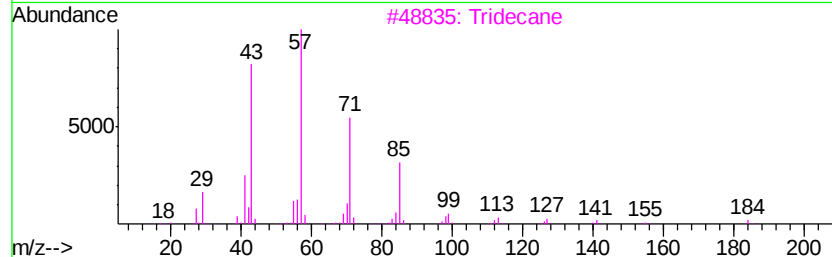
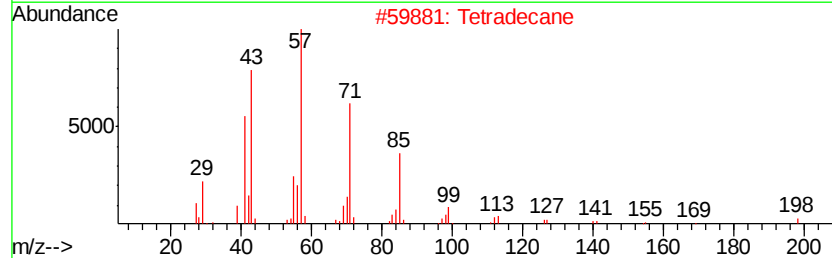
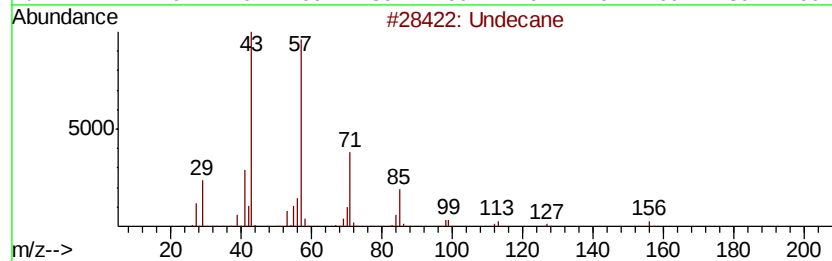
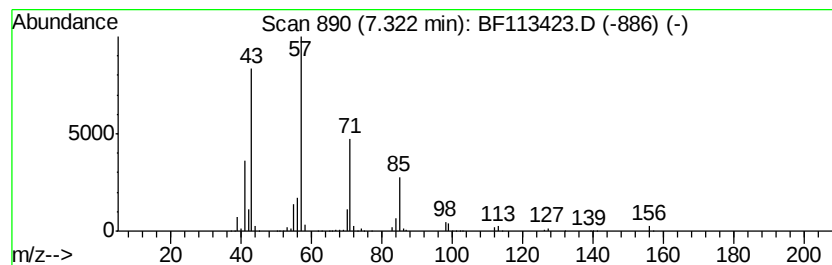
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	79.13 ng	4404280	1,4-Dichlorobenzene-d4	6.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Hexadecane		226	C16H34	000544-76-3	78
5	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
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Instrument :
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ClientSampleId :
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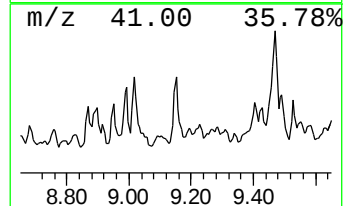
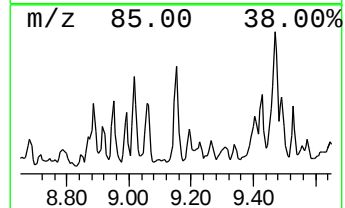
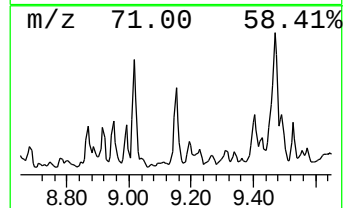
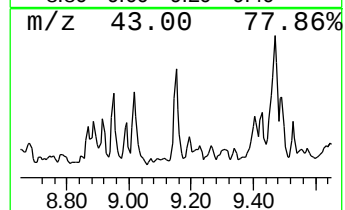
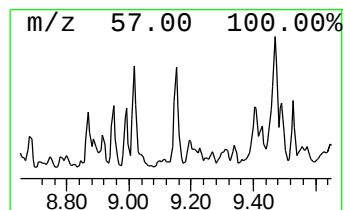
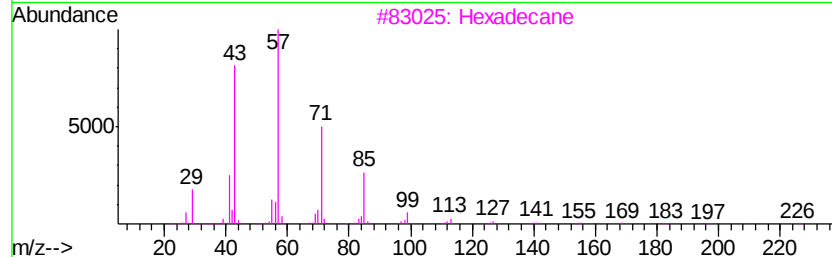
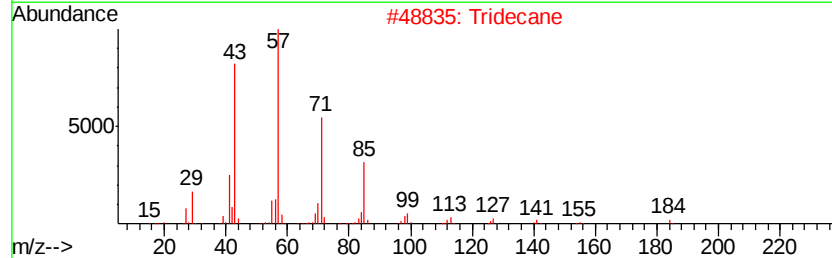
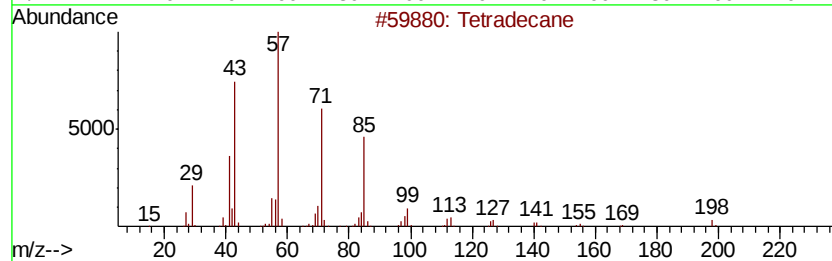
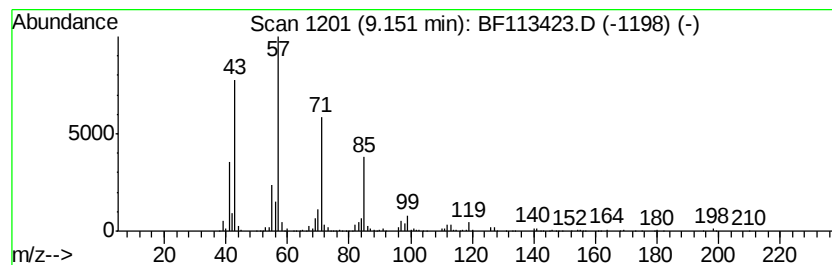
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	28.46 ng	1622820	Acenaphthene-d10	9.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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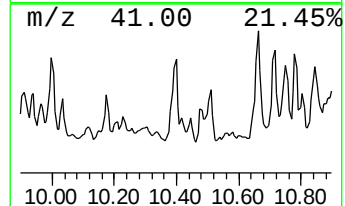
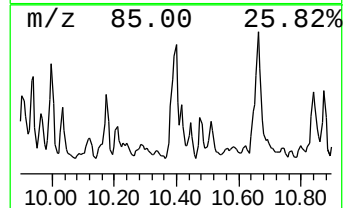
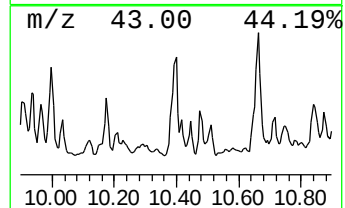
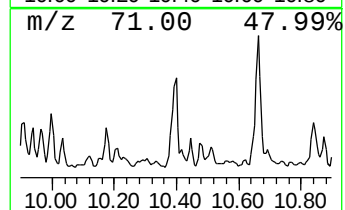
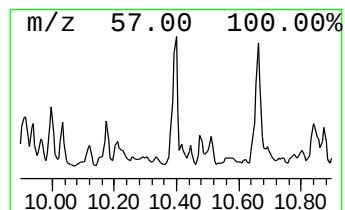
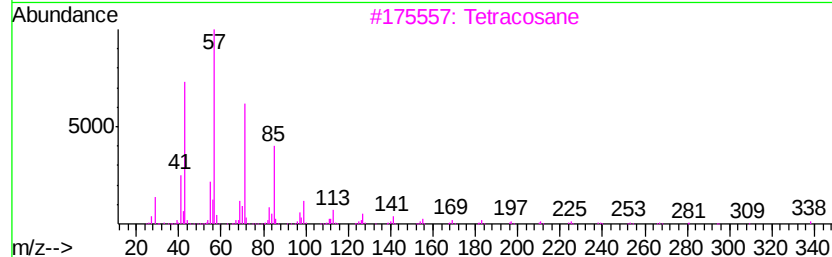
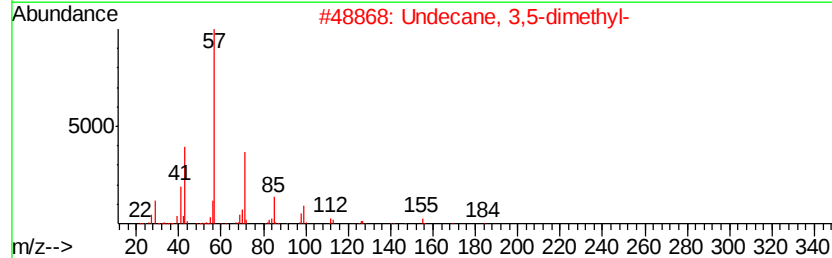
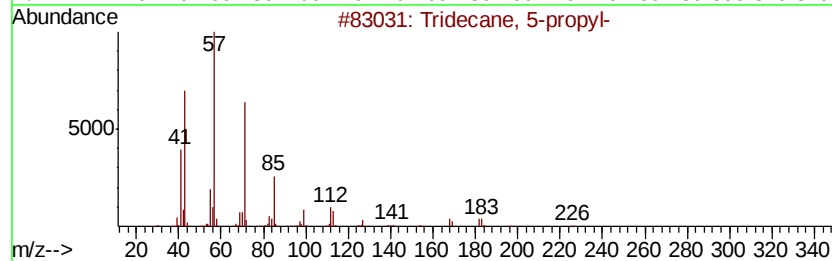
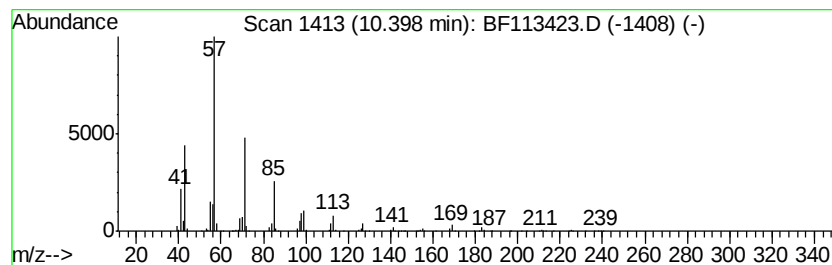
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	30.35 ng	1730890	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
3	Tetracosane	338	C24H50	000646-31-1	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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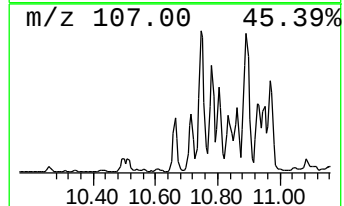
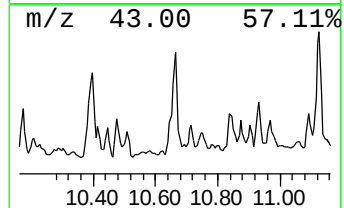
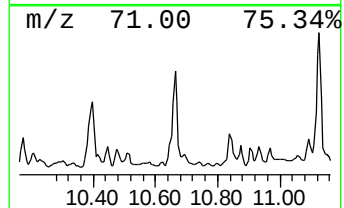
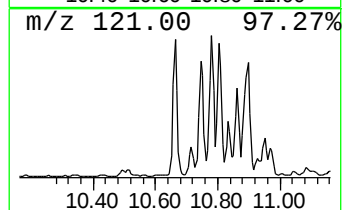
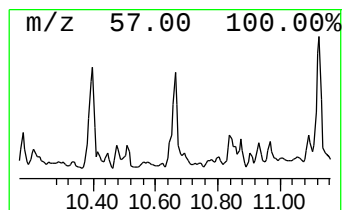
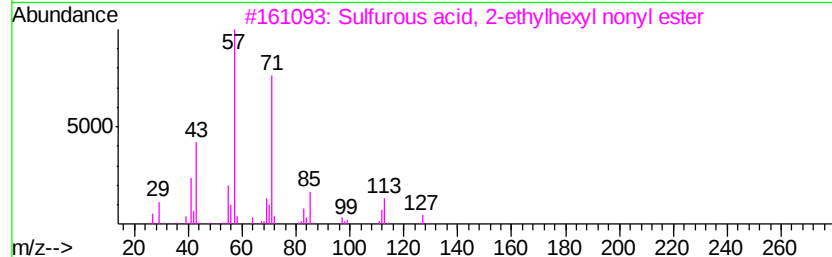
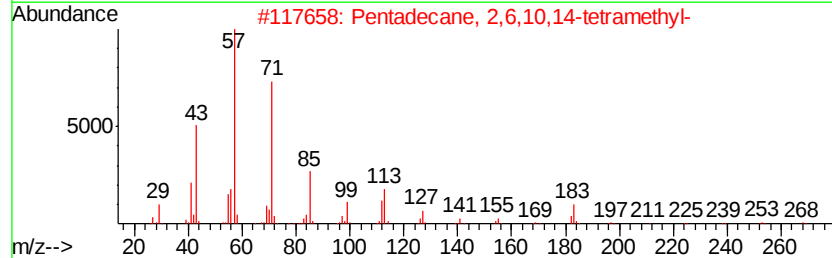
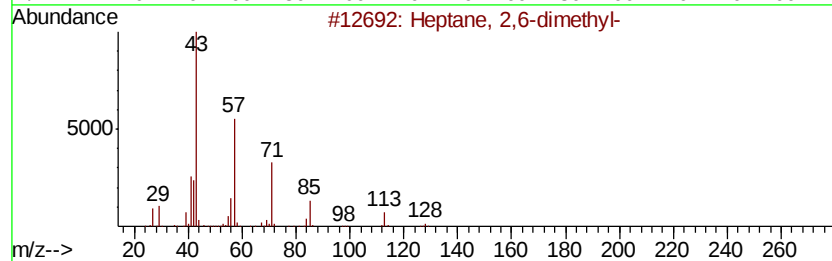
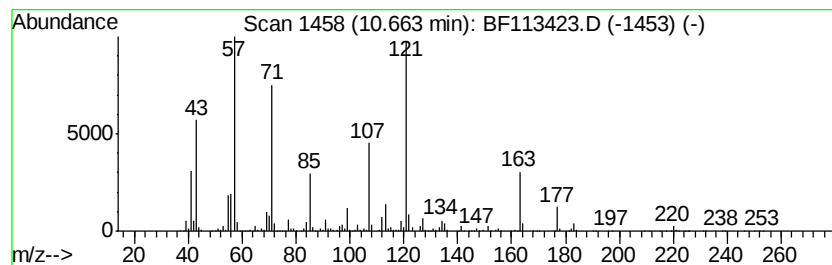
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	57.66 ng	3516770	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	41
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	30
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	30
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

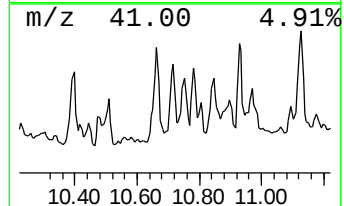
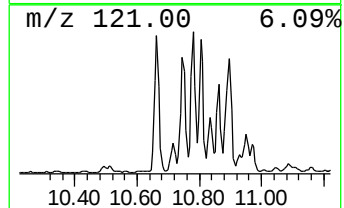
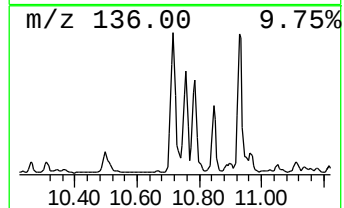
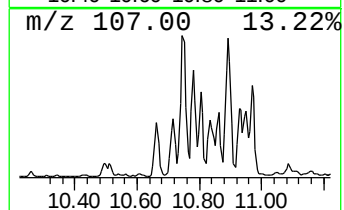
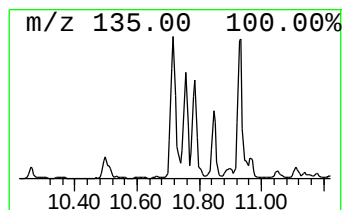
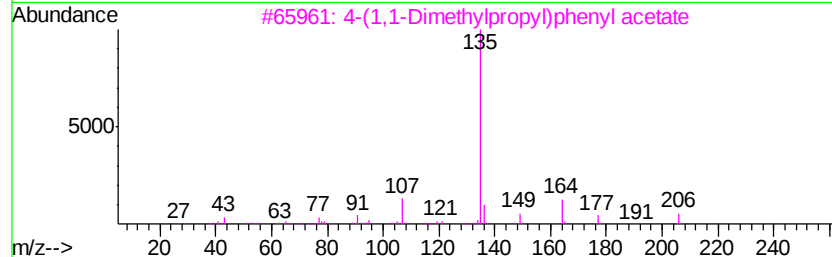
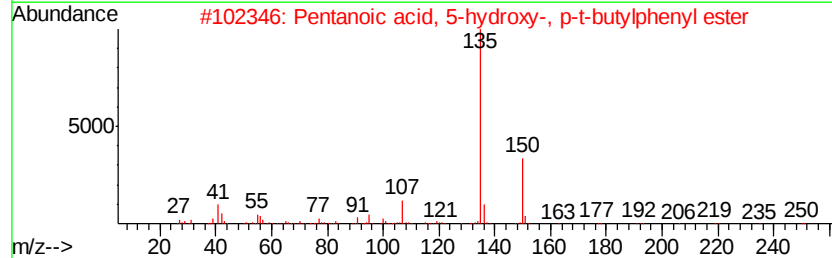
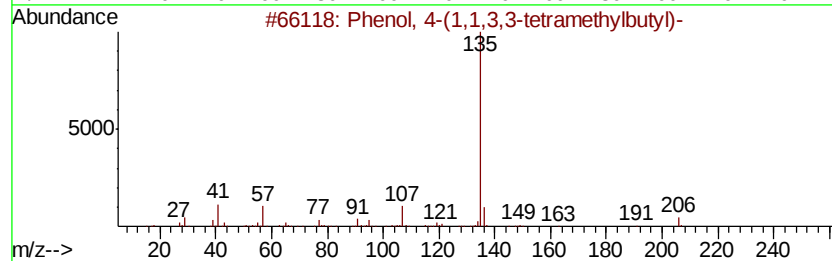
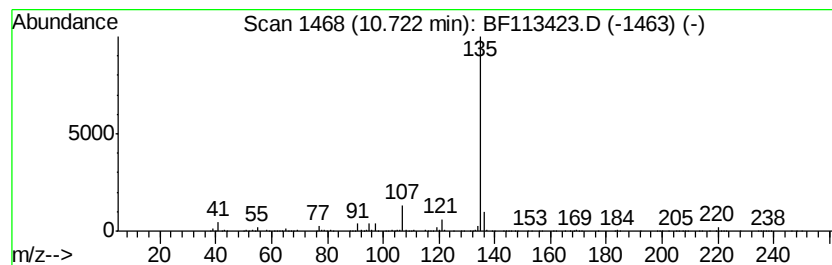
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ClientSampleId :
DUP

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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 Pentanoic acid, 5-hydroxy-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	45.41 ng	2769220	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
4	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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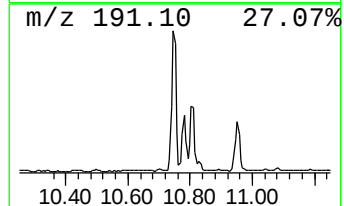
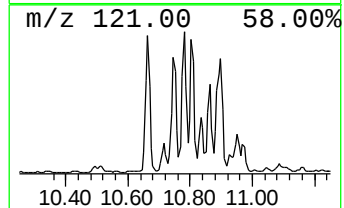
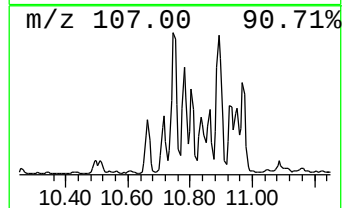
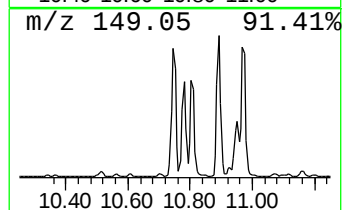
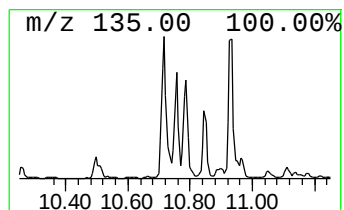
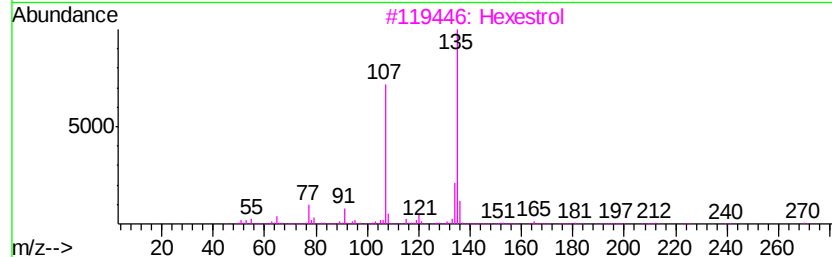
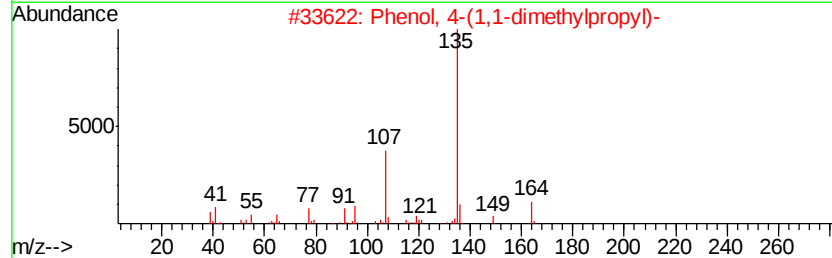
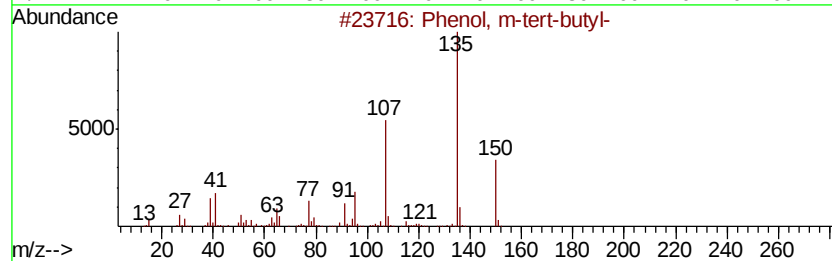
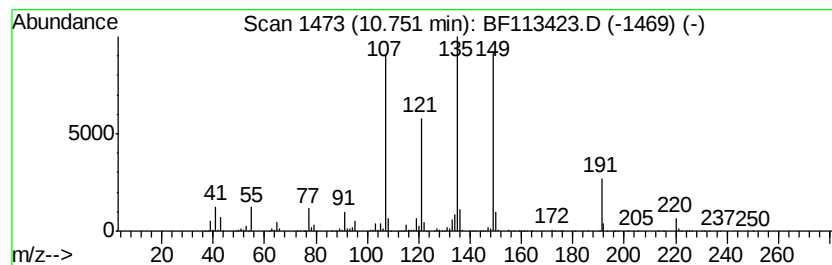
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	65.94 ng	4021440	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47
2			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
3			Hexestrol	270	C18H22O2	000084-16-2	43
4			Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	43
5			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
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Sample : K2121-08
Misc :
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ClientSampled :
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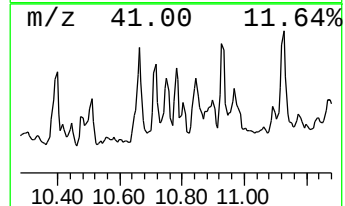
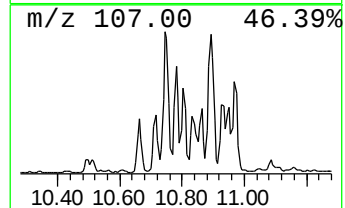
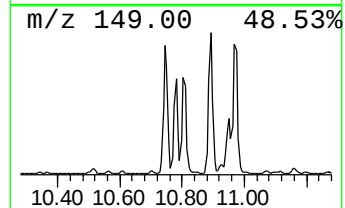
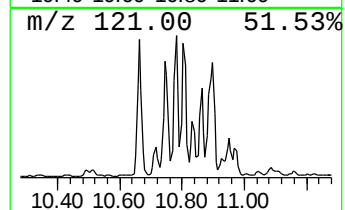
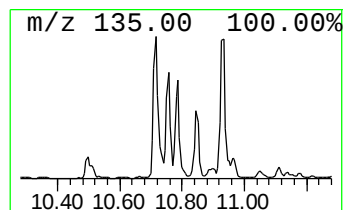
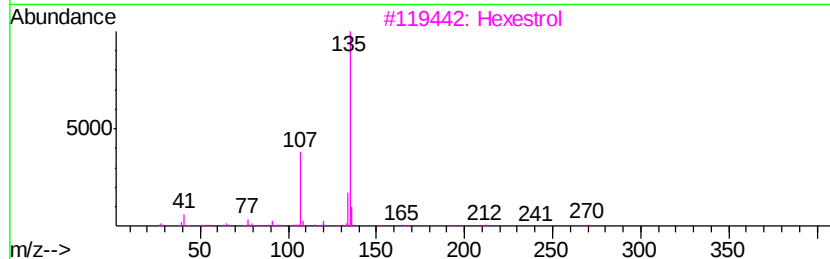
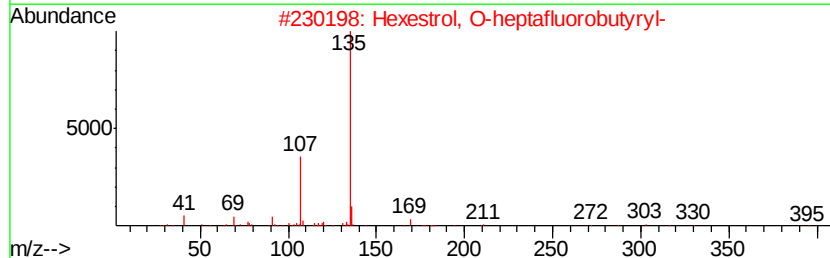
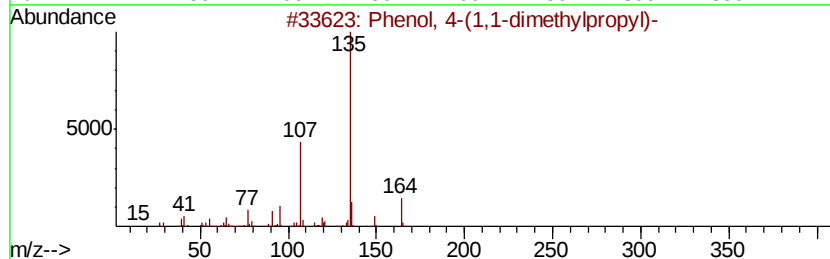
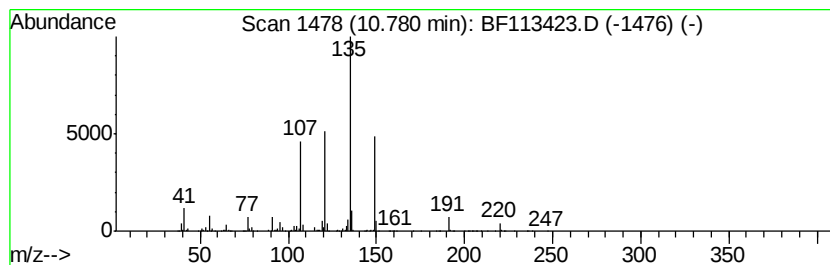
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	51.48 ng	3139490	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
2		Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	47
3		Hexestrol	270	C18H22O2	005635-50-7	47
4		Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
5		2-Methoxybenzoic acid, cyclopent...	220	C13H16O3	1000293-30-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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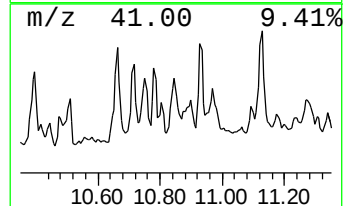
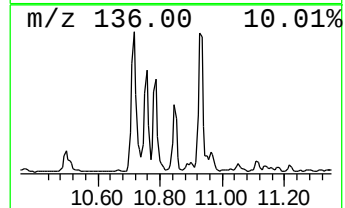
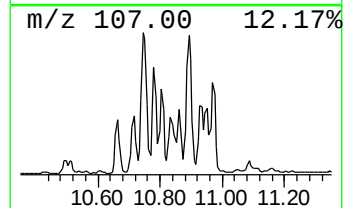
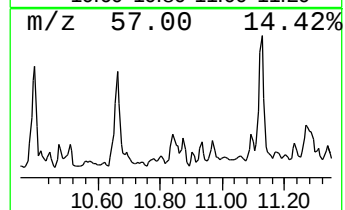
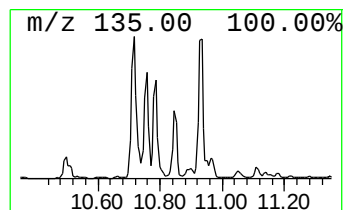
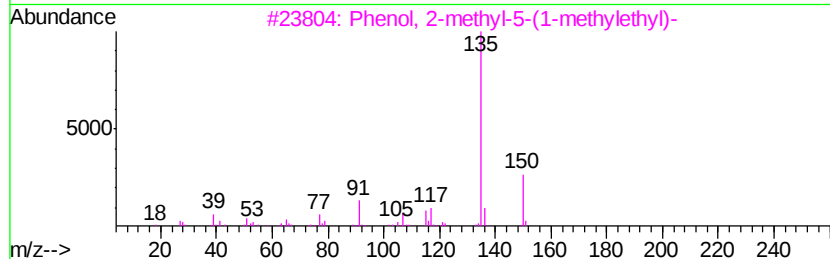
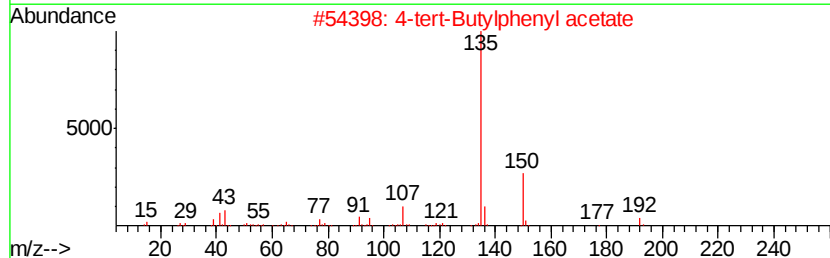
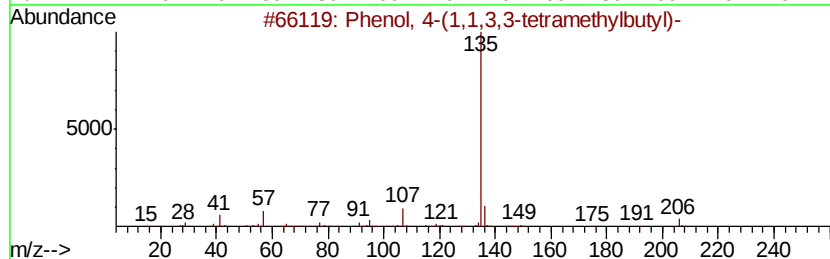
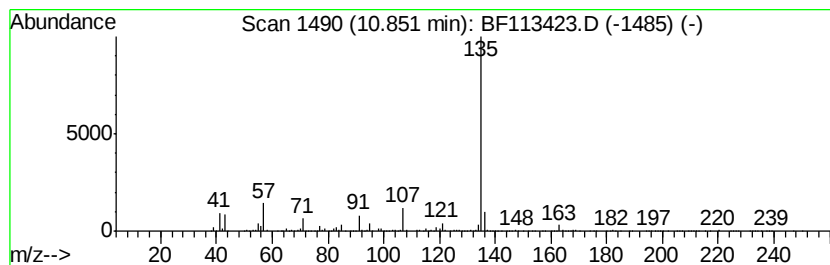
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4-tert-Butylphenyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	54.96 ng	3351980	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
3		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59
4		1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	58
5		Hexestrol	270	C18H22O2	000084-16-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
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Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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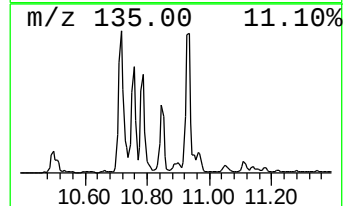
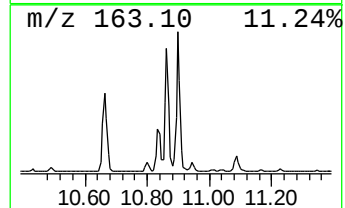
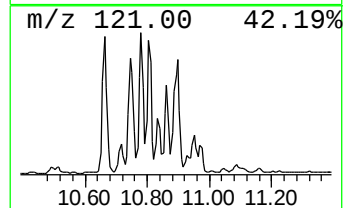
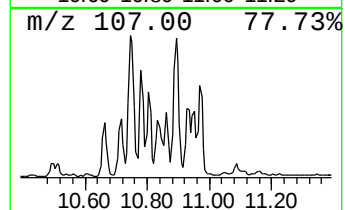
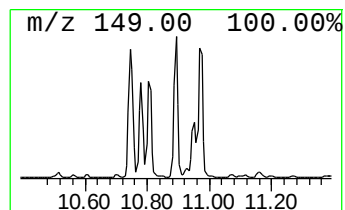
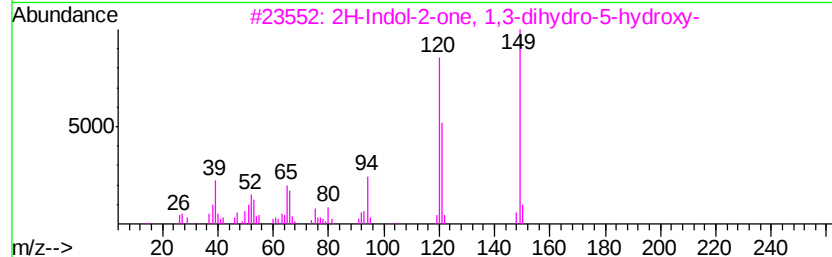
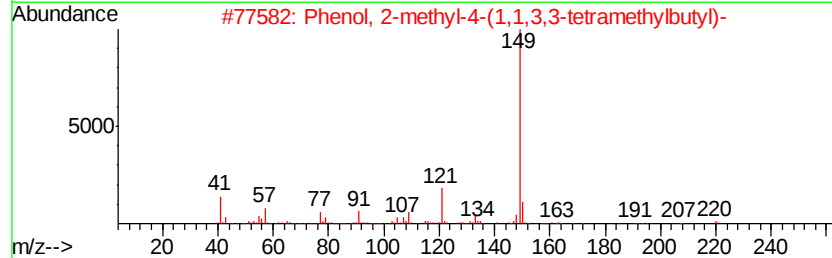
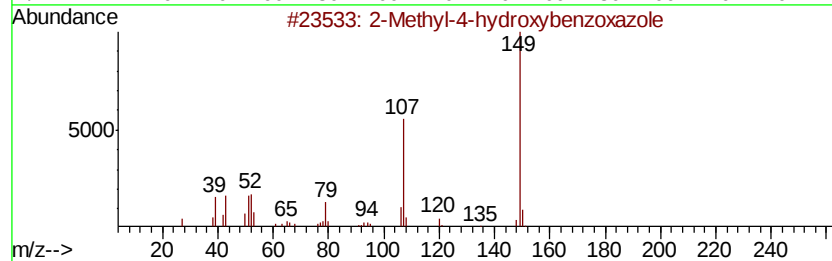
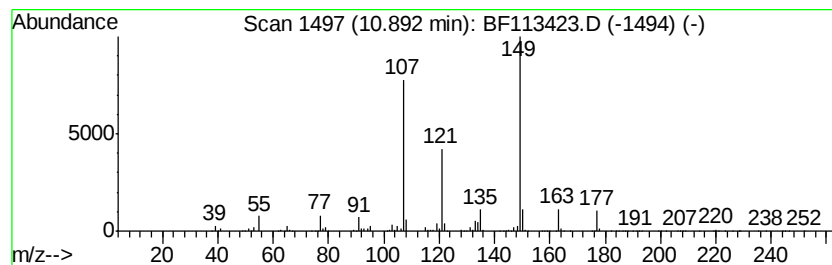
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Methyl-4-hydroxybenzoxazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	47.39 ng	2890270	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
3		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35
4		Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	35
5		Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

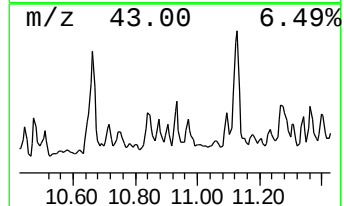
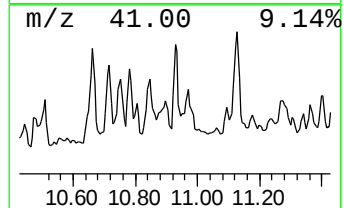
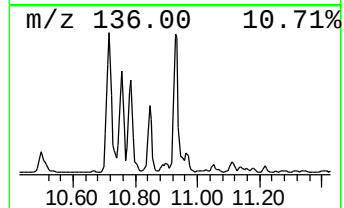
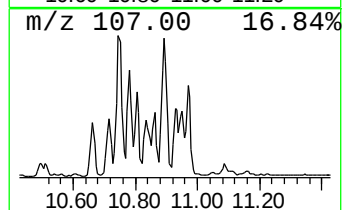
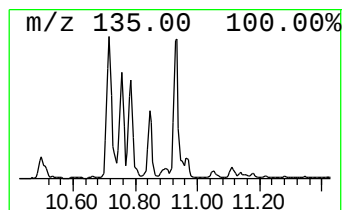
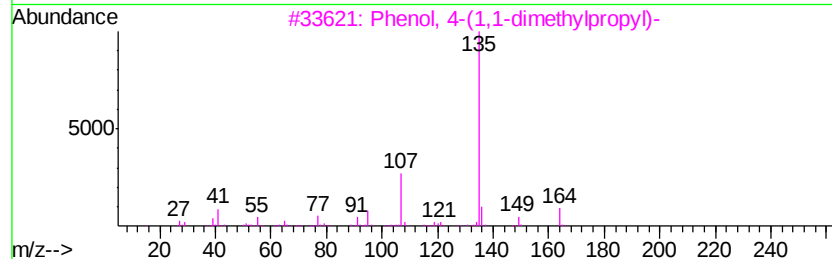
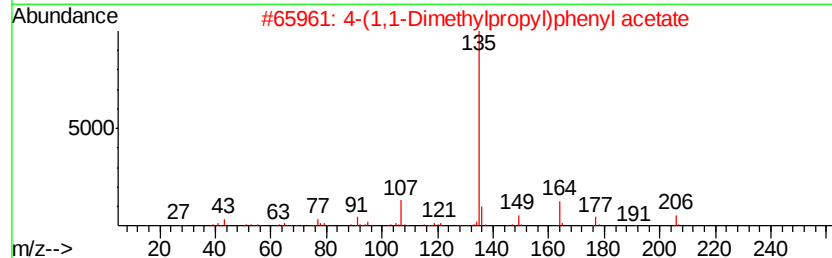
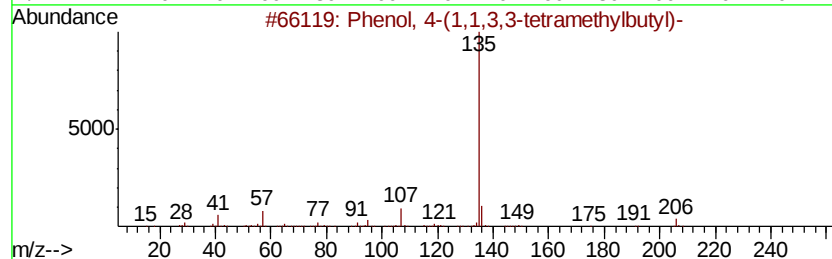
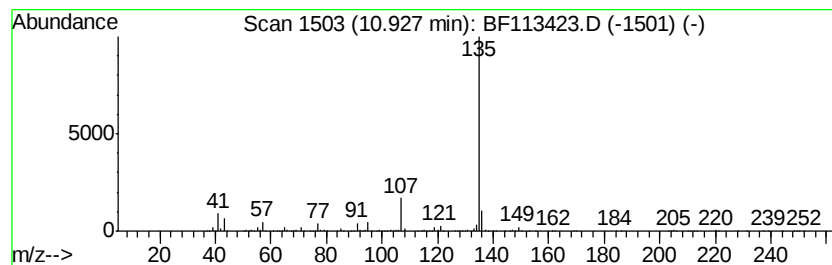
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.93	48.58 ng	2962850	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	90
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
5	Hexestrol	270	C18H22O2	000084-16-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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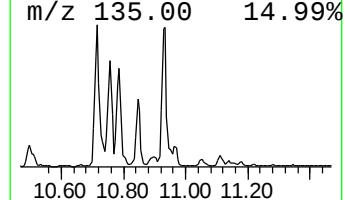
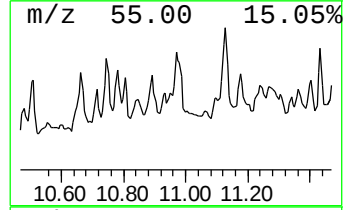
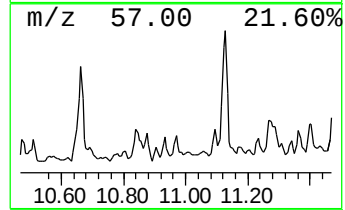
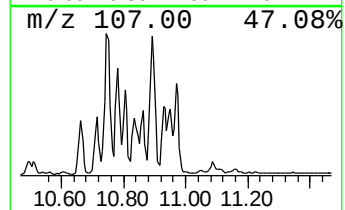
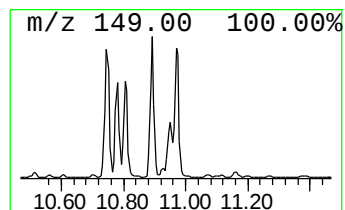
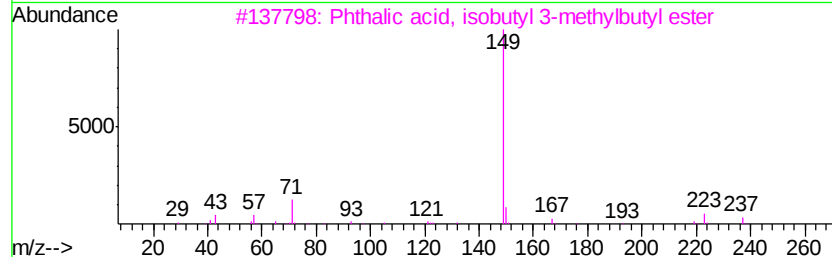
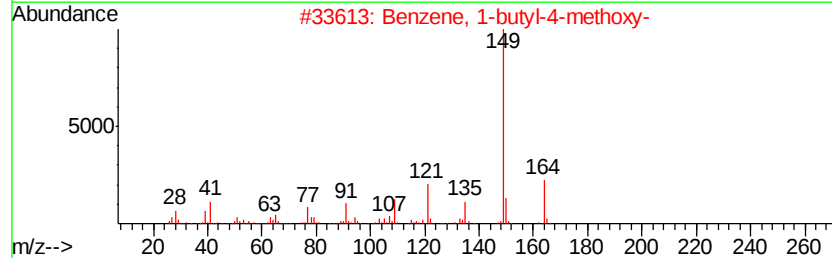
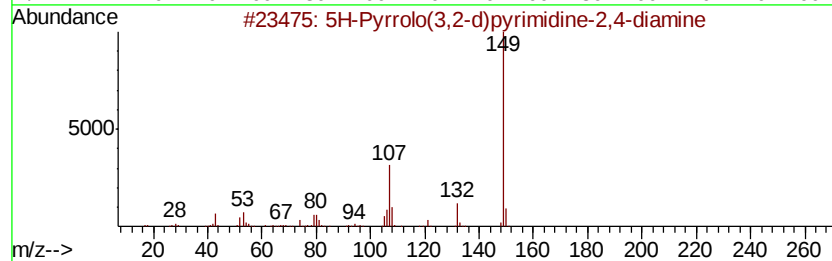
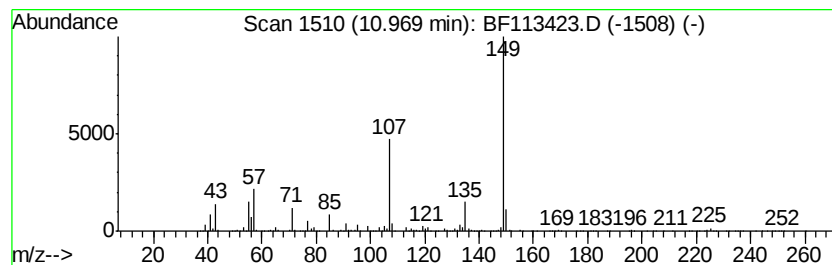
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	33.00 ng	2012720	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	72
2		Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	47
3		Phthalic acid, isobutyl 3-methyl...	292	C17H24O4	1000356-80-3	47
4		Phthalic acid, nonyl tridec-2-yn...	470	C30H46O4	1000315-44-2	47
5		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

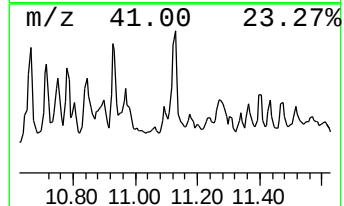
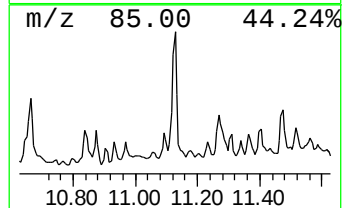
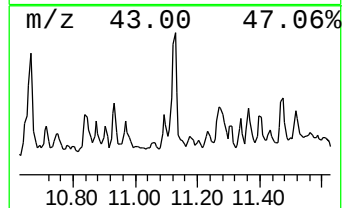
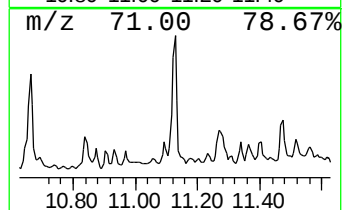
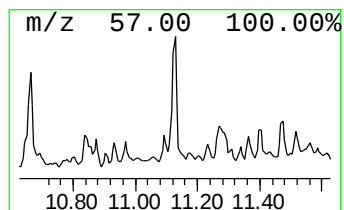
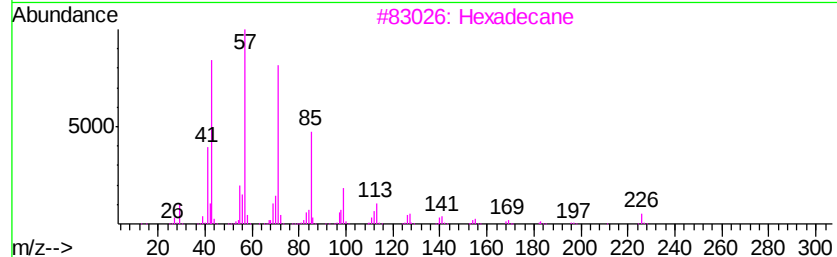
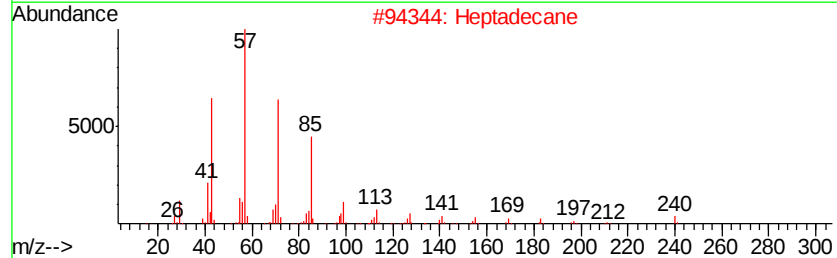
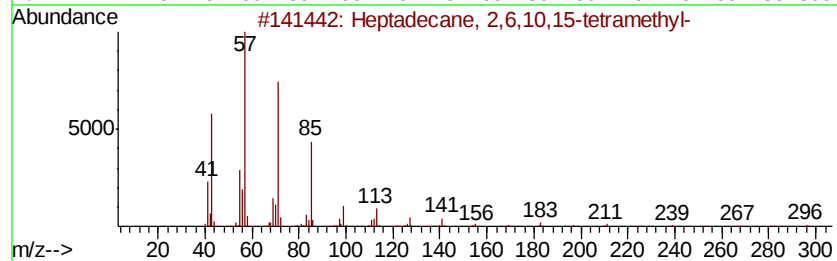
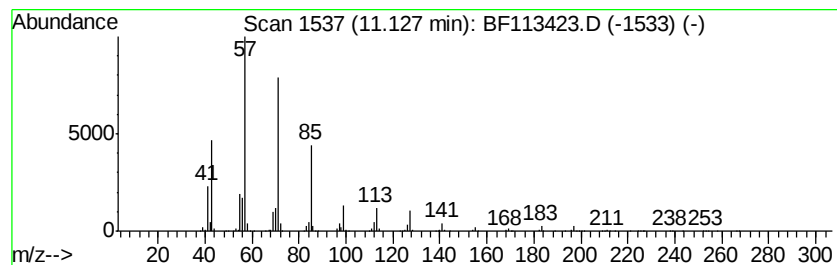
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	46.92 ng	2861240	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

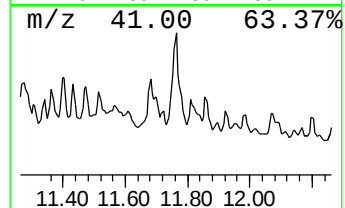
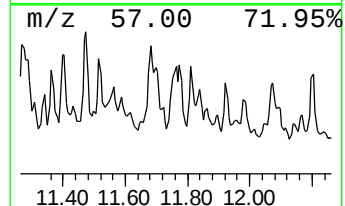
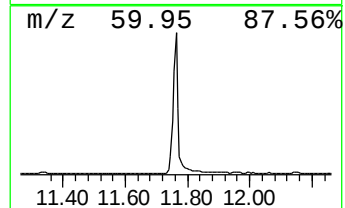
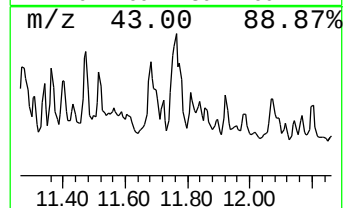
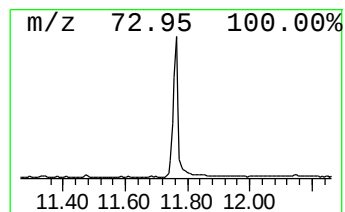
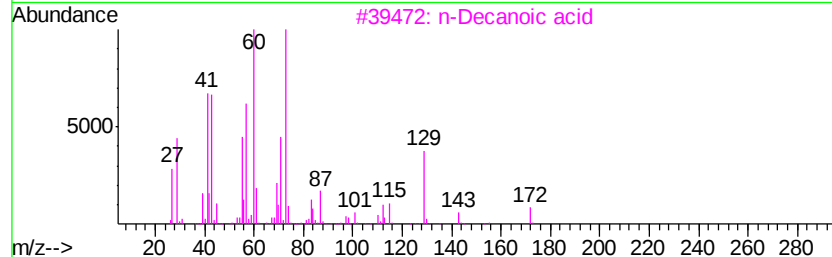
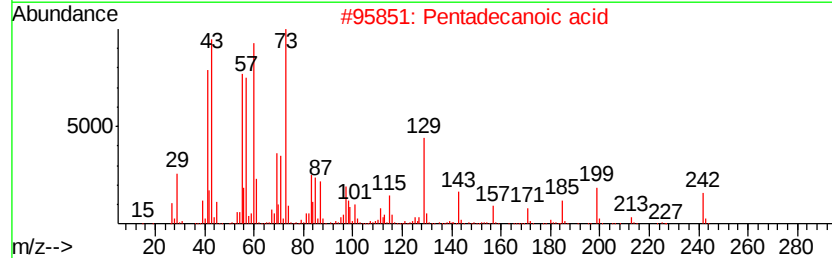
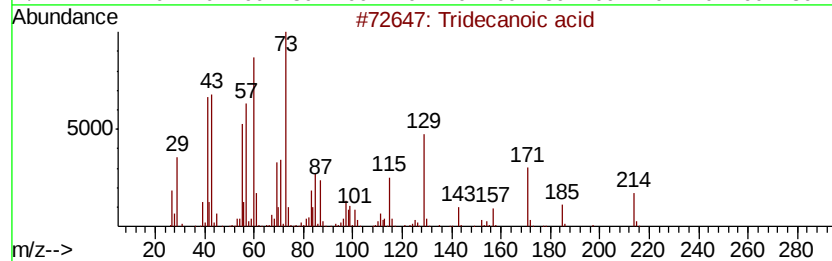
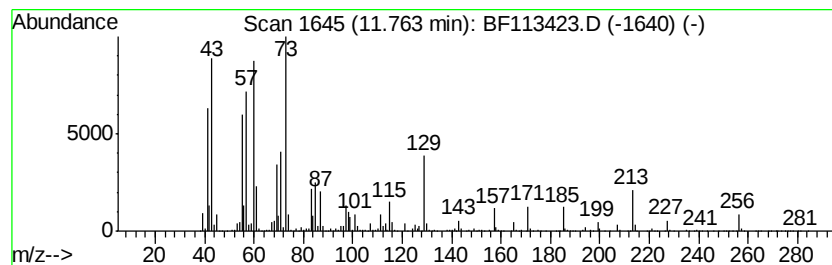
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.76	40.46 ng	2467510	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113423.D
Acq On : 29 Mar 2019 19:53
Operator : JU/SJ
Sample : K2121-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

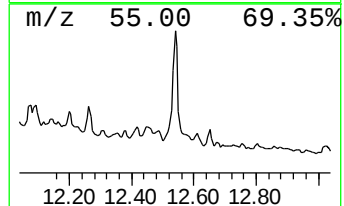
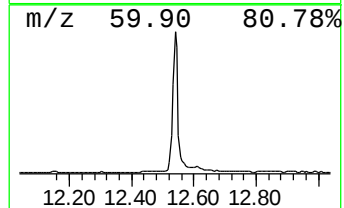
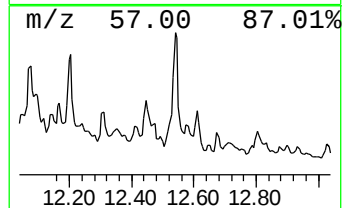
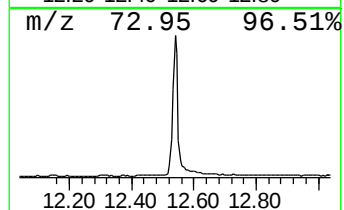
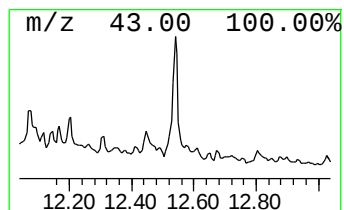
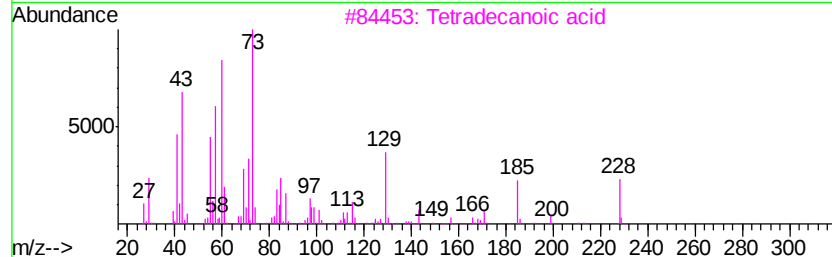
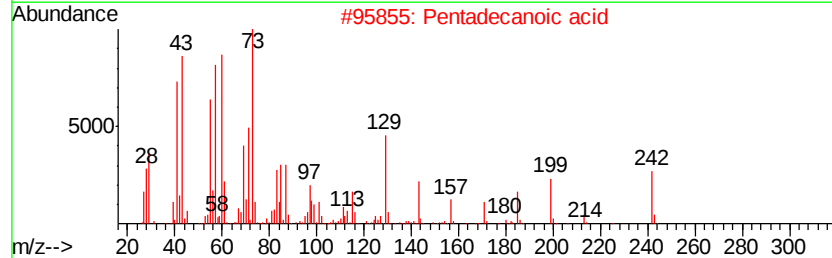
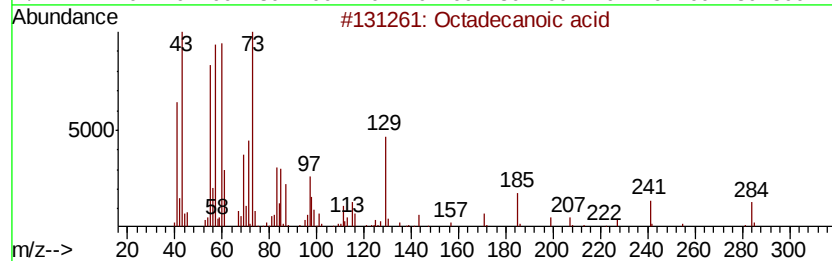
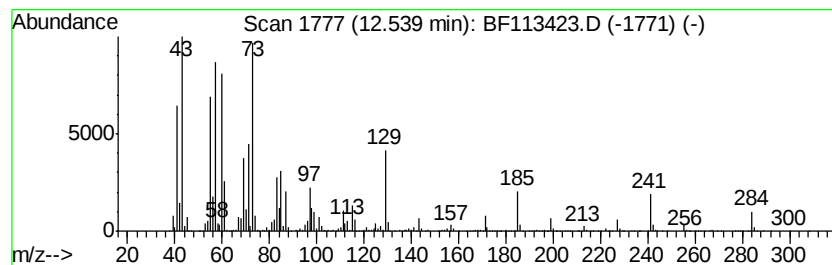
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	46.52 ng	2943810	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113423.D
 Acq On : 29 Mar 2019 19:53
 Operator : JU/SJ
 Sample : K2121-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	39.7	ng	2208500	1	6.70	1113190	20.0
Decane	6.55	60.0	ng	3337480	1	6.70	1113190	20.0
Benzene, 1,2,3-tr...	6.76	27.4	ng	1523680	1	6.70	1113190	20.0
Benzene, 2-ethyl-...	7.03	31.2	ng	1736660	1	6.70	1113190	20.0
unknown7.10	7.10	29.6	ng	1648640	1	6.70	1113190	20.0
Undecane	7.32	79.1	ng	4404280	1	6.70	1113190	20.0
Tetradecane	9.15	28.5	ng	1622820	3	9.73	1140440	20.0
Tridecane, 5-propyl-	10.40	30.4	ng	1730890	3	9.73	1140440	20.0
unknown10.66	10.66	57.7	ng	3516770	4	11.22	1219730	20.0
Pentanoic acid, 5...	10.72	45.4	ng	2769220	4	11.22	1219730	20.0
unknown10.75	10.75	65.9	ng	4021440	4	11.22	1219730	20.0
Phenol, 4-(1,1-di...	10.78	51.5	ng	3139490	4	11.22	1219730	20.0
4-tert-Butylpheny...	10.85	55.0	ng	3351980	4	11.22	1219730	20.0
2-Methyl-4-hydrox...	10.89	47.4	ng	2890270	4	11.22	1219730	20.0
Phenol, 4-(1,1,3,...	10.93	48.6	ng	2962850	4	11.22	1219730	20.0
5H-Pyrrolo(3,2-d)...	10.97	33.0	ng	2012720	4	11.22	1219730	20.0
Heptadecane, 2,6,...	11.13	46.9	ng	2861240	4	11.22	1219730	20.0
Tridecanoic acid	11.76	40.5	ng	2467510	4	11.22	1219730	20.0
Octadecanoic acid	12.54	46.5	ng	2943810	5	13.84	1265620	20.0