

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113391.D
 Acq On : 28 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K2121-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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	5.322	547	550	557	rBV	55855	79472	5.37%	0.376%
2	5.534	583	586	590	rBV	94253	88457	5.98%	0.419%
3	6.210	698	701	703	rVV	44694	42733	2.89%	0.202%
4	6.239	703	706	708	rVV2	49617	53586	3.62%	0.254%
5	6.304	714	717	720	rBV2	142008	126377	8.54%	0.598%
6	6.357	723	726	728	rVV	49095	55085	3.72%	0.261%
7	6.386	728	731	738	rVB	87562	103688	7.01%	0.491%
8	6.475	743	746	755	rVV	222541	257140	17.38%	1.217%
9	6.551	755	759	764	rVB	286267	268107	18.12%	1.269%
10	6.704	781	785	787	rVV	946310	884407	59.79%	4.185%
11	6.728	787	789	792	rVV2	136136	129737	8.77%	0.614%
12	6.763	792	795	799	rVB2	171308	164980	11.15%	0.781%
13	6.828	804	806	808	rBV	50567	49711	3.36%	0.235%
14	6.857	808	811	814	rBV	313115	259384	17.54%	1.227%
15	6.922	819	822	824	rBV	37834	43260	2.92%	0.205%
16	6.992	830	834	836	rVB2	93908	94359	6.38%	0.446%
17	7.028	836	840	842	rBV2	151127	151049	10.21%	0.715%
18	7.051	842	844	849	rVB	121537	110613	7.48%	0.523%
19	7.098	849	852	856	rBV	156703	140094	9.47%	0.663%
20	7.245	870	877	878	rBV2	120265	145283	9.82%	0.687%
21	7.263	878	880	883	rVV2	176924	192646	13.02%	0.912%
22	7.310	886	888	892	rVV	477068	388919	26.29%	1.840%
23	7.357	892	896	899	rVB5	62877	78235	5.29%	0.370%
24	7.392	899	902	904	rBV	45531	40832	2.76%	0.193%
25	7.422	904	907	912	rVV3	63608	79560	5.38%	0.376%
26	7.475	912	916	918	rVV	75463	77422	5.23%	0.366%
27	7.504	918	921	926	rVB	113185	115226	7.79%	0.545%
28	7.616	935	940	943	rBV4	36193	59314	4.01%	0.281%
29	7.716	954	957	967	rVV3	192627	314104	21.23%	1.486%
30	7.792	967	970	972	rVV2	43825	40318	2.73%	0.191%
31	7.822	972	975	978	rVB3	41285	52348	3.54%	0.248%
32	7.980	999	1002	1010	rBV	1277357	1312568	88.73%	6.211%
33	8.151	1022	1031	1036	rBV2	127060	278838	18.85%	1.319%
34	8.204	1036	1040	1045	rVV2	192297	269104	18.19%	1.273%

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35	8.275	1045	1052	1056	rVV6	99074	215930	14.60%	1.022%
36	8.339	1059	1063	1066	rVV3	114922	197317	13.34%	0.934%
37	8.375	1066	1069	1073	rVV3	231448	373971	25.28%	1.770%
38	8.416	1073	1076	1077	rVV2	146187	173553	11.73%	0.821%
39	8.433	1077	1079	1084	rVV3	140729	195502	13.22%	0.925%
40	8.586	1101	1105	1110	rBV	142901	149103	10.08%	0.706%
41	8.710	1123	1126	1129	rBV4	31698	44578	3.01%	0.211%
42	8.775	1133	1137	1140	rVB4	43437	66628	4.50%	0.315%
43	8.869	1150	1153	1154	rVV	70479	63187	4.27%	0.299%
44	8.898	1154	1158	1159	rVV3	59163	82860	5.60%	0.392%
45	8.916	1159	1161	1163	rVV	63990	60990	4.12%	0.289%
46	8.945	1163	1166	1168	rVV2	81844	111602	7.54%	0.528%
47	8.986	1171	1173	1176	rVV2	66342	88999	6.02%	0.421%
48	9.016	1176	1178	1180	rVV	126861	104169	7.04%	0.493%
49	9.057	1182	1185	1190	rVB	449777	392836	26.56%	1.859%
50	9.151	1197	1201	1205	rBV2	99746	135400	9.15%	0.641%
51	9.369	1235	1238	1240	rVV2	52852	65711	4.44%	0.311%
52	9.398	1240	1243	1246	rVV3	99984	170782	11.55%	0.808%
53	9.469	1250	1255	1257	rVV	225982	262063	17.72%	1.240%
54	9.492	1257	1259	1262	rVV3	106885	118060	7.98%	0.559%
55	9.527	1262	1265	1268	rVB	84379	70914	4.79%	0.336%
56	9.674	1288	1290	1294	rVB	97985	75428	5.10%	0.357%
57	9.733	1294	1300	1306	rBV	1548684	1479213	100.00%	6.999%
58	9.904	1326	1329	1332	rBV3	65764	83989	5.68%	0.397%
59	9.933	1332	1334	1337	rVV	65875	50487	3.41%	0.239%
60	9.963	1337	1339	1341	rVV	58412	44936	3.04%	0.213%
61	9.998	1342	1345	1348	rVB2	118620	114814	7.76%	0.543%
62	10.033	1348	1351	1353	rBV	51037	41427	2.80%	0.196%
63	10.174	1372	1375	1377	rVB	48487	41832	2.83%	0.198%
64	10.392	1407	1412	1415	rBV	156468	173498	11.73%	0.821%
65	10.474	1424	1426	1428	rVV2	46086	42748	2.89%	0.202%
66	10.516	1428	1433	1446	rVB4	225983	382896	25.89%	1.812%
67	10.657	1452	1457	1463	rBV2	295988	388995	26.30%	1.841%
68	10.710	1463	1466	1469	rVV	270306	327882	22.17%	1.551%
69	10.745	1469	1472	1475	rVV2	352830	494746	33.45%	2.341%
70	10.774	1475	1477	1480	rVV2	305446	381062	25.76%	1.803%
71	10.804	1480	1482	1485	rVV	161974	179992	12.17%	0.852%

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72	10.839	1485	1488	1494	rVV3	168235	382508	25.86%	1.810%
73	10.886	1494	1496	1500	rVV3	222030	312569	21.13%	1.479%
74	10.927	1500	1503	1508	rVV	300756	437094	29.55%	2.068%
75	10.969	1508	1510	1514	rVB3	181147	207287	14.01%	0.981%
76	11.092	1528	1531	1532	rBV	57595	52540	3.55%	0.249%
77	11.121	1532	1536	1542	rVV	288738	316110	21.37%	1.496%
78	11.168	1542	1544	1548	rVB3	39091	40875	2.76%	0.193%
79	11.210	1548	1551	1558	rBV	1412442	1340952	90.65%	6.345%
80	11.268	1558	1561	1565	rVV	69806	108369	7.33%	0.513%
81	11.357	1574	1576	1580	rBV	43973	46900	3.17%	0.222%
82	11.398	1580	1583	1586	rBV	65578	46159	3.12%	0.218%
83	11.427	1586	1588	1591	rBV	55325	45450	3.07%	0.215%
84	11.468	1592	1595	1598	rBV	83419	80413	5.44%	0.380%
85	11.674	1627	1630	1636	rBV	78502	107472	7.27%	0.509%
86	11.751	1639	1643	1645	rBV	65706	76693	5.18%	0.363%
87	11.774	1645	1647	1650	rVV2	55694	52864	3.57%	0.250%
88	11.810	1650	1653	1656	rVV3	44462	58958	3.99%	0.279%
89	11.857	1659	1661	1664	rVB	53552	43389	2.93%	0.205%
90	12.068	1695	1697	1700	rBV	38516	46181	3.12%	0.219%
91	12.198	1717	1719	1727	rVB	47355	49291	3.33%	0.233%
92	12.533	1773	1776	1783	rVV5	39652	66954	4.53%	0.317%
93	12.610	1786	1789	1793	rVB	70348	66859	4.52%	0.316%
94	12.786	1816	1819	1829	rBV	361571	348276	23.54%	1.648%
95	13.839	1994	1998	2007	rVB	1053880	1110538	75.08%	5.255%
96	14.604	2125	2128	2132	rBV	81766	85752	5.80%	0.406%
97	14.915	2178	2181	2188	rBV	93771	113722	7.69%	0.538%
98	15.245	2231	2237	2247	rBV	808458	1268249	85.74%	6.001%
99	15.662	2304	2308	2313	rBV	86824	124345	8.41%	0.588%
100	16.121	2382	2386	2391	rBV	65637	101912	6.89%	0.482%

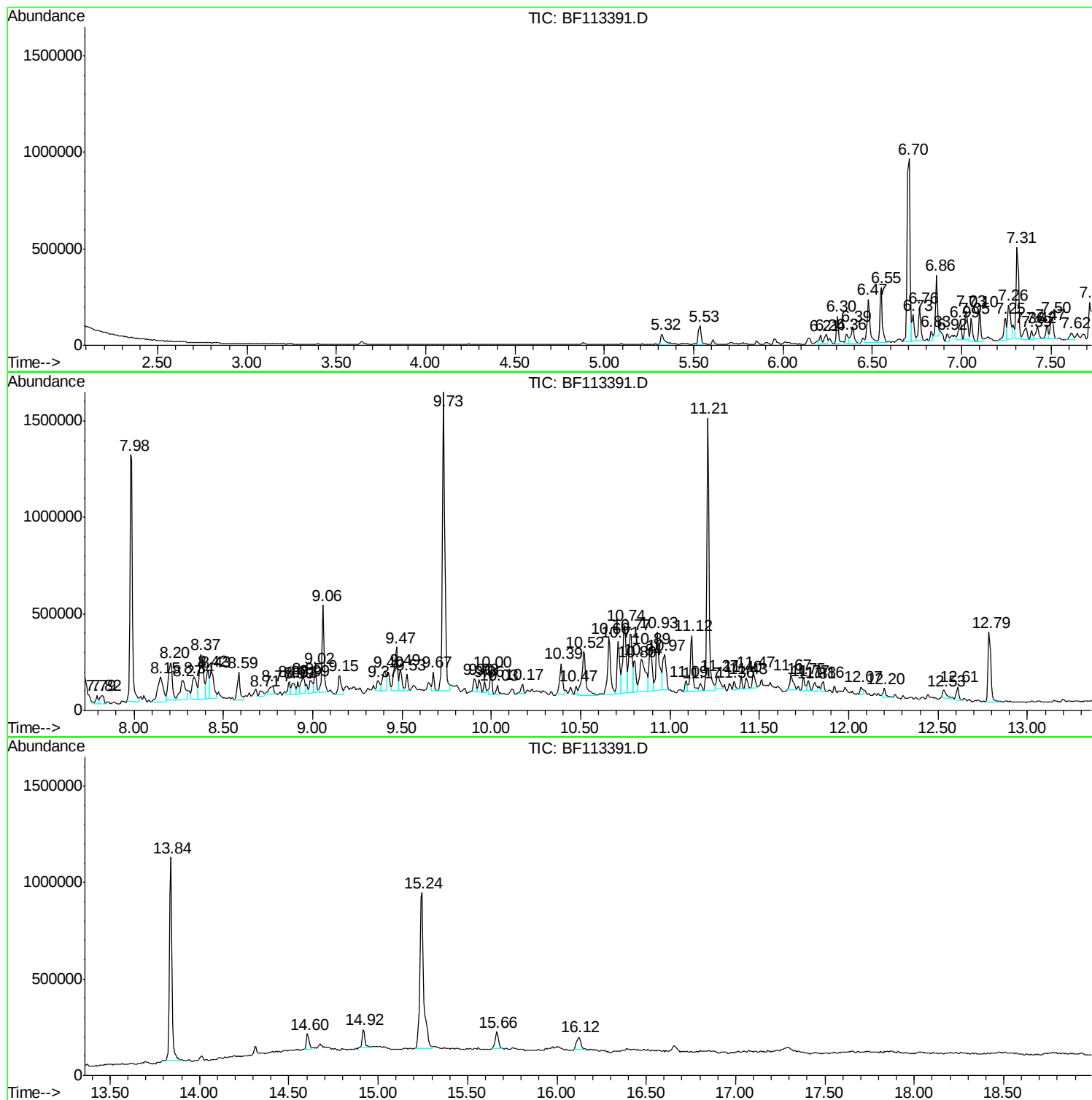
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-11

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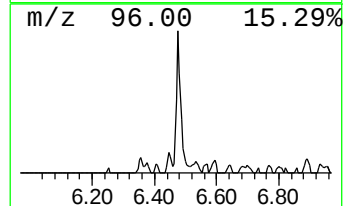
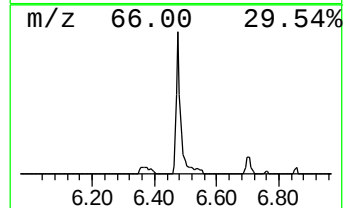
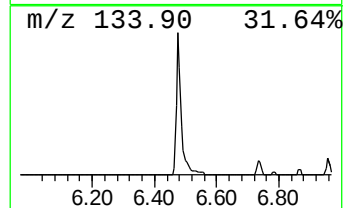
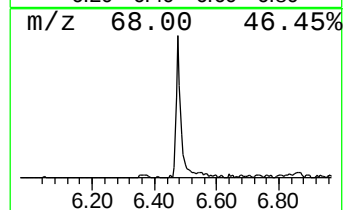
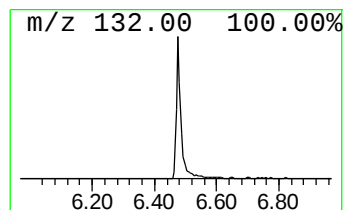
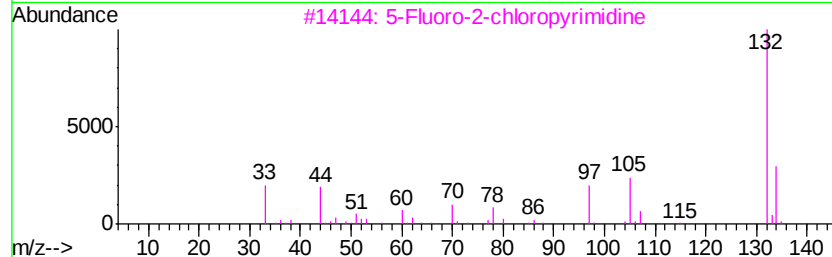
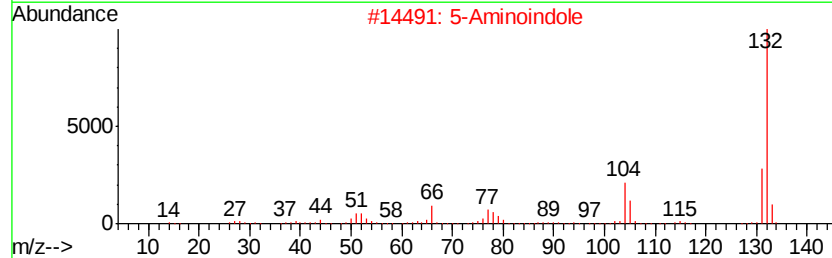
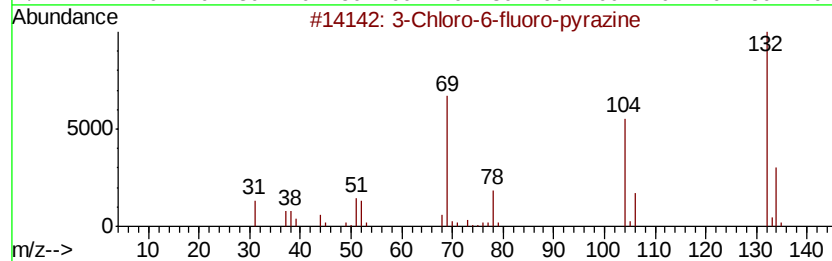
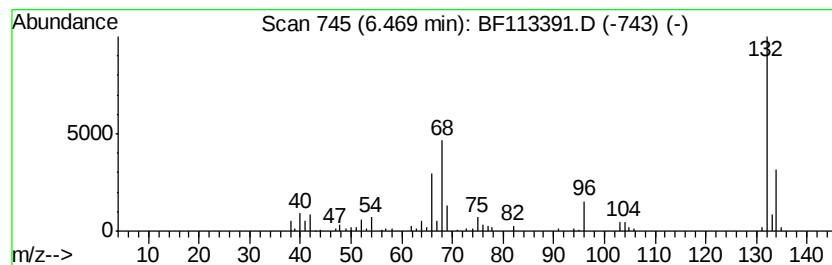
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	5.81 ng	257140	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3	5	Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1	Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4	Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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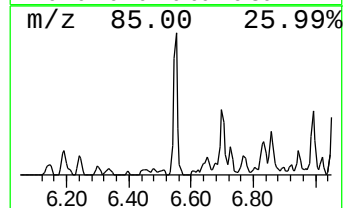
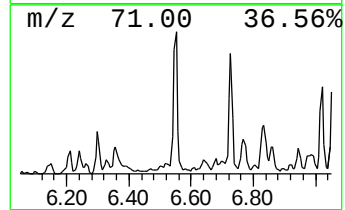
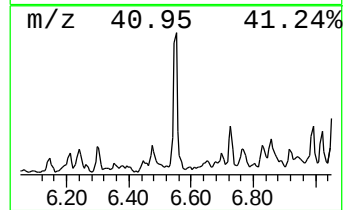
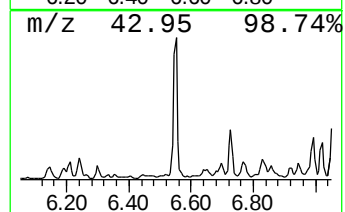
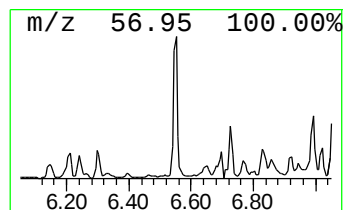
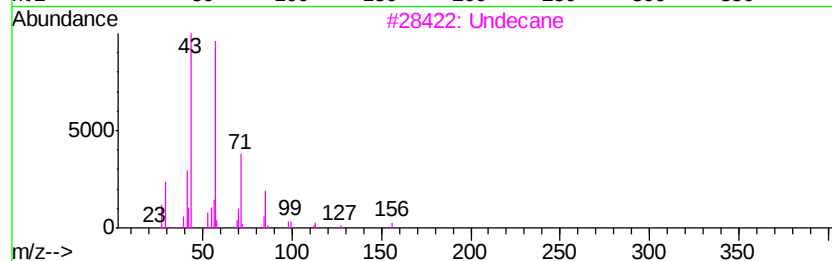
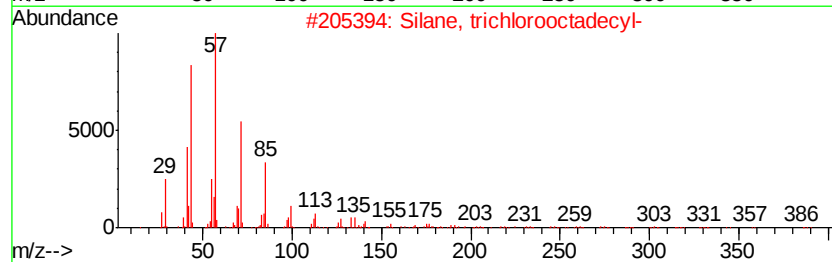
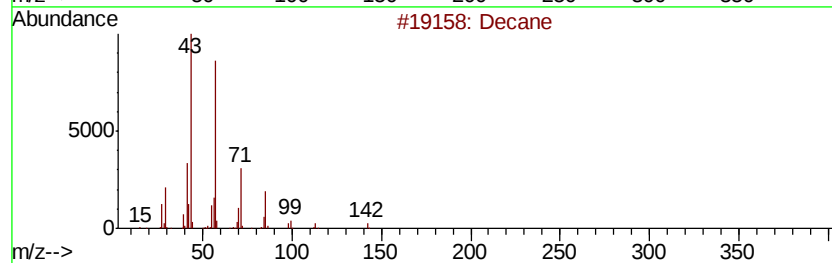
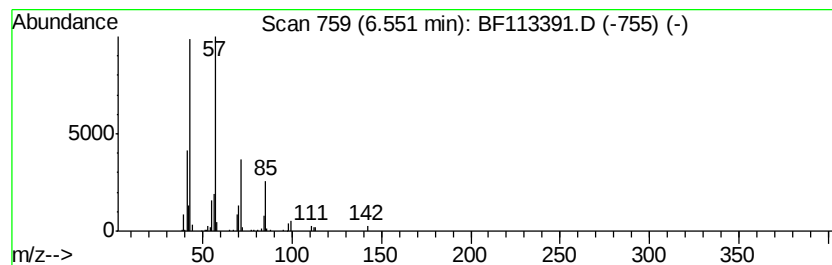
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	6.06 ng	268107	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Undecane	156	C11H24	001120-21-4	83
4		Nonane	128	C9H20	000111-84-2	83
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



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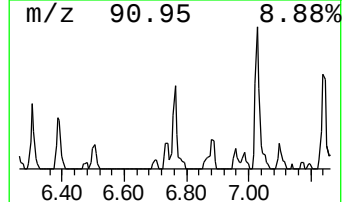
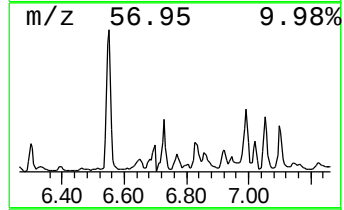
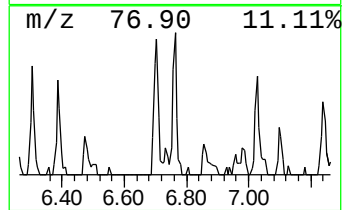
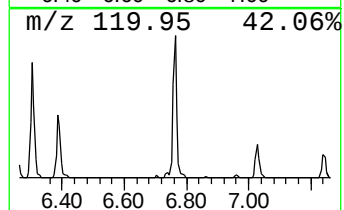
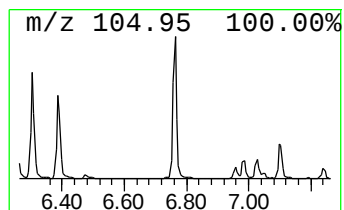
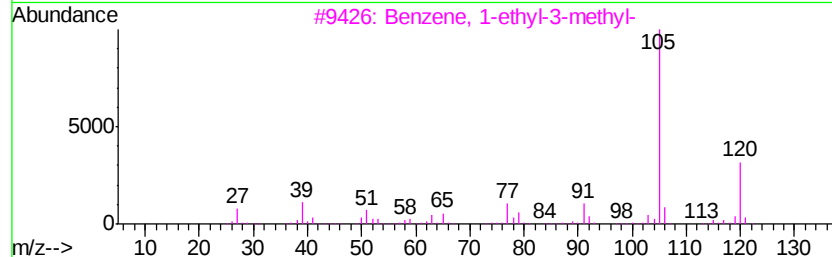
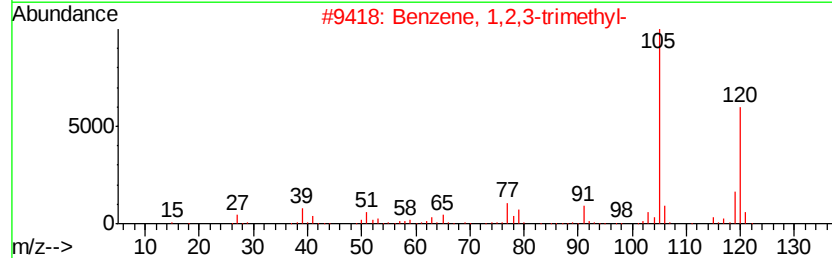
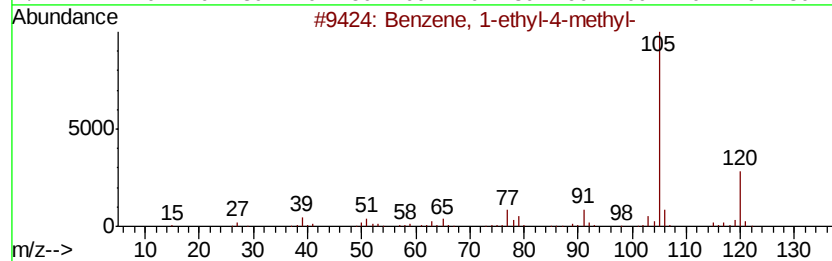
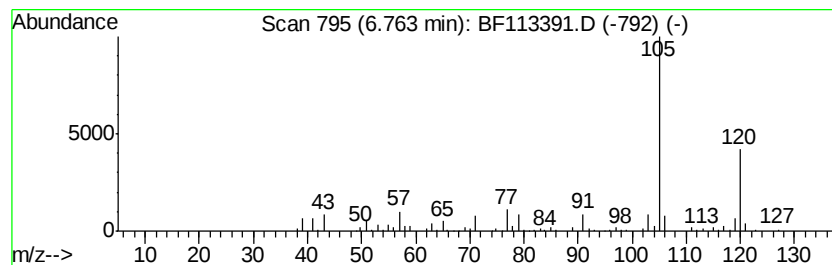
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Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	3.73 ng	164980	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Mesitylene	120	C9H12	000108-67-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

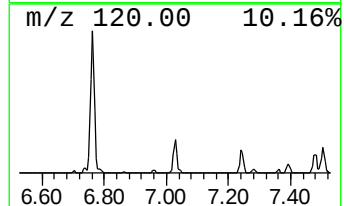
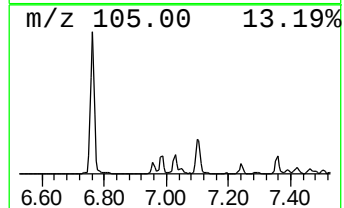
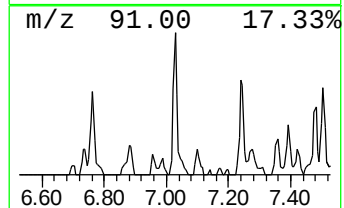
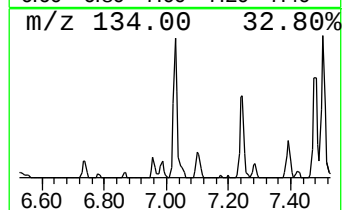
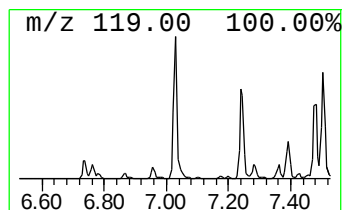
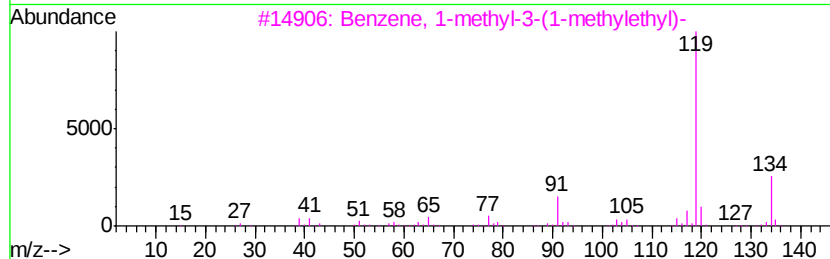
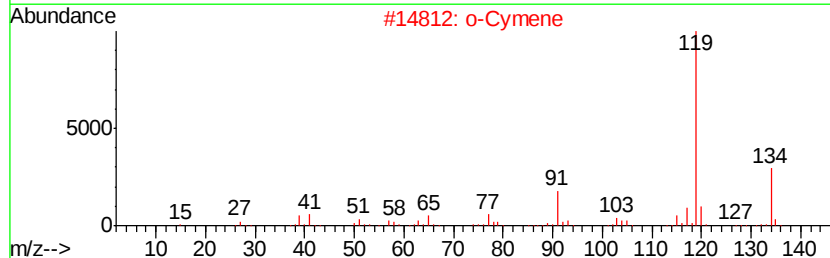
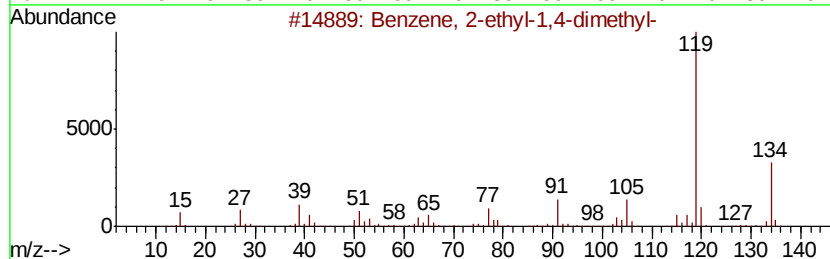
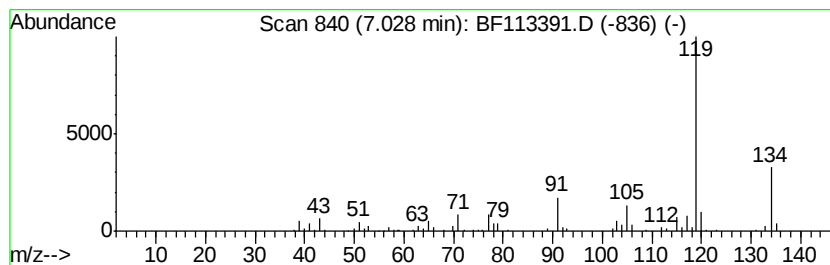
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	3.42 ng	151049	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	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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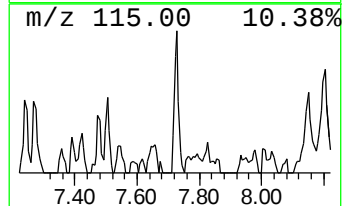
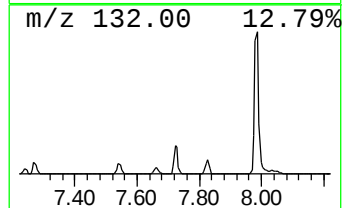
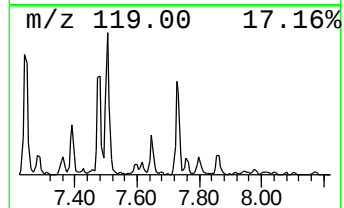
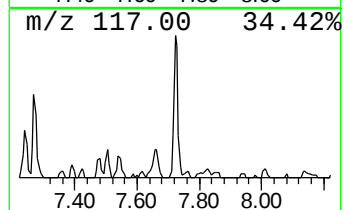
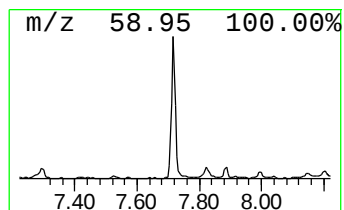
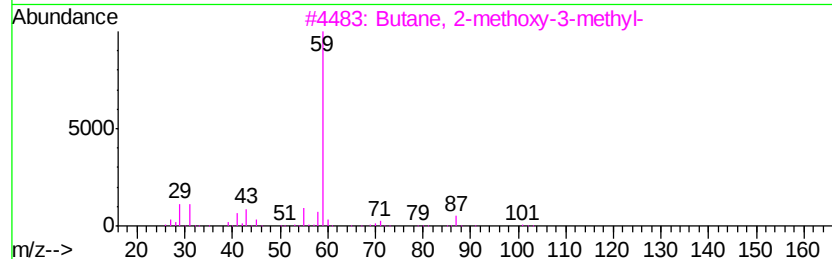
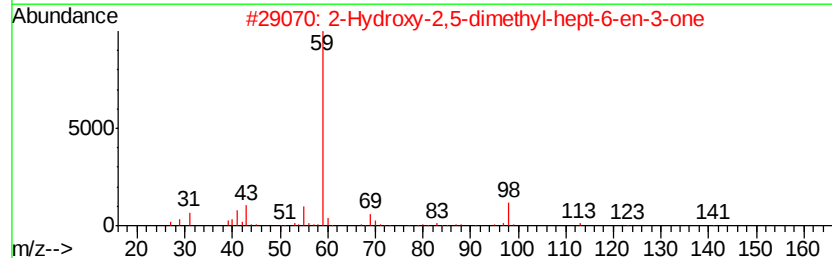
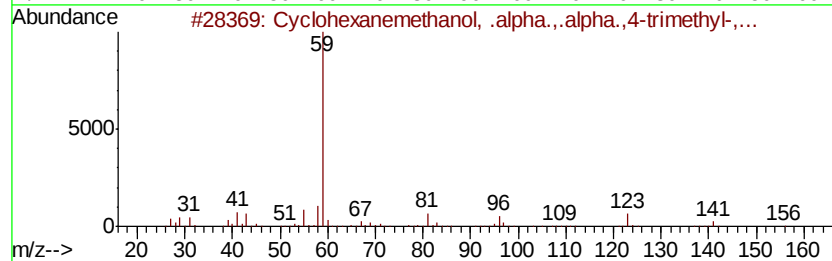
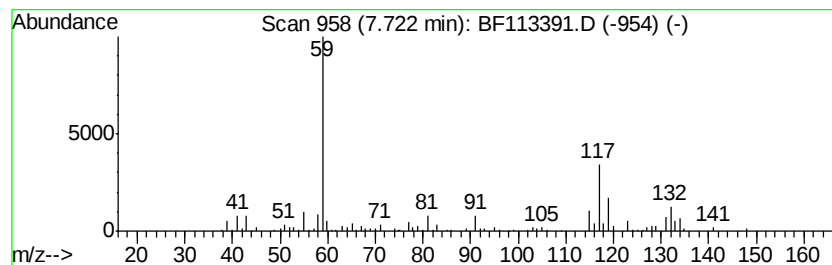
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	4.79 ng	314104	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64
2		2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	59
3		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	59
4		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
5		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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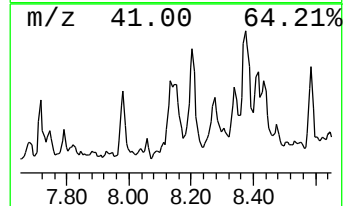
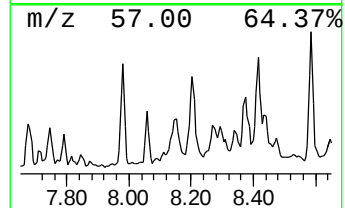
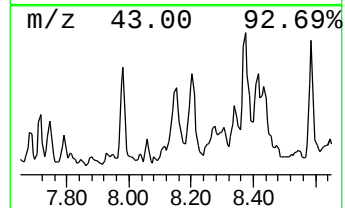
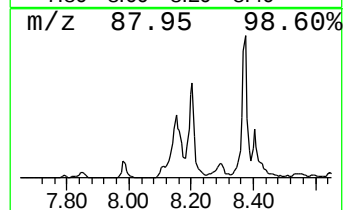
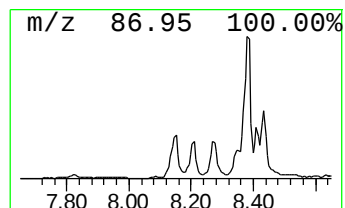
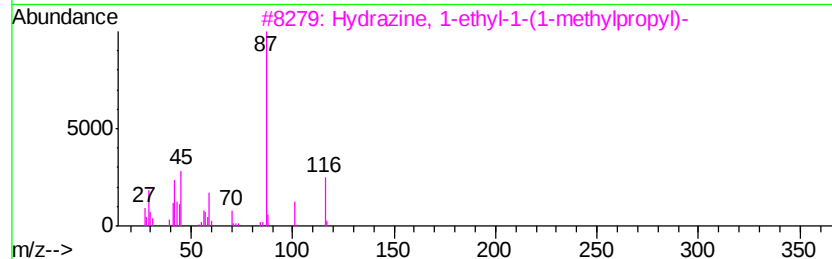
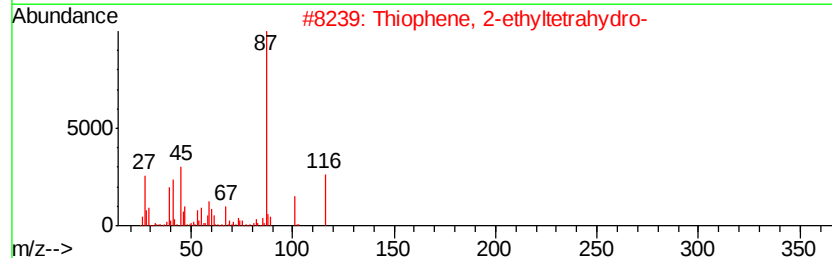
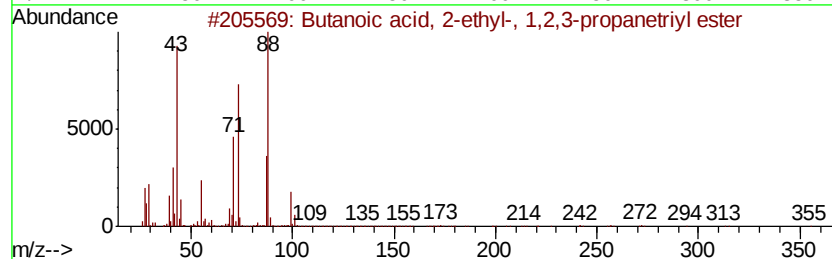
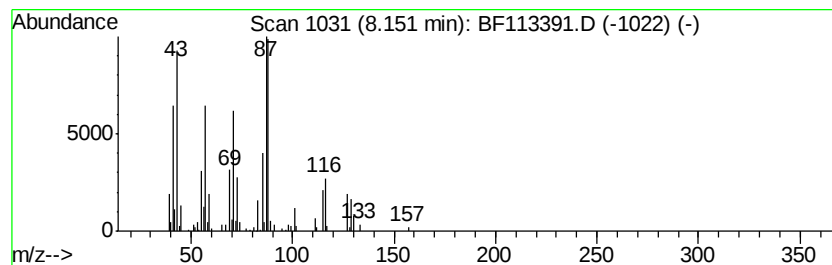
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	4.25 ng	278838	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	35
2		Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	22
3		Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	22
4		Glutaric acid, propyl tetrahydro...	258	C13H22O5	1000359-65-7	14
5		1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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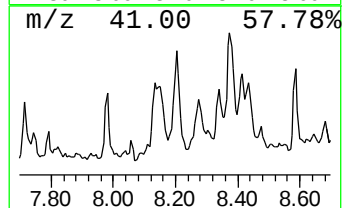
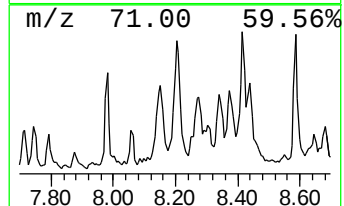
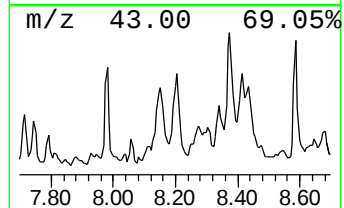
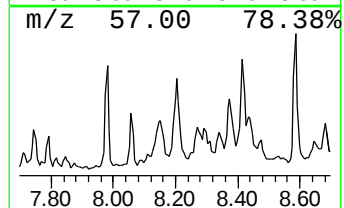
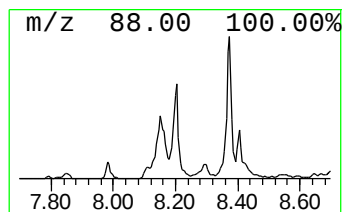
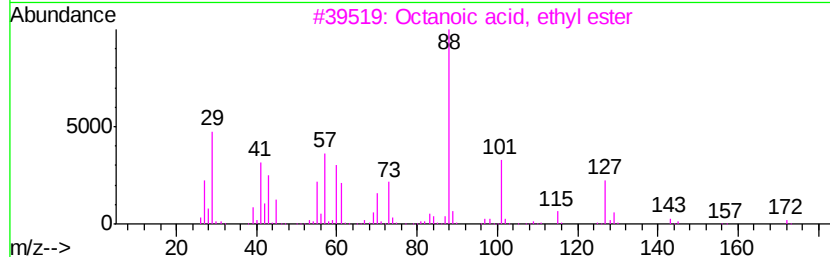
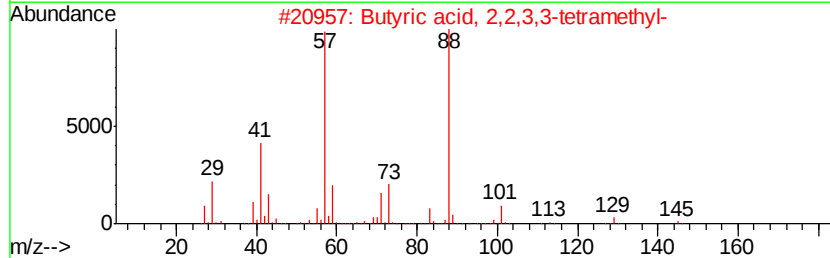
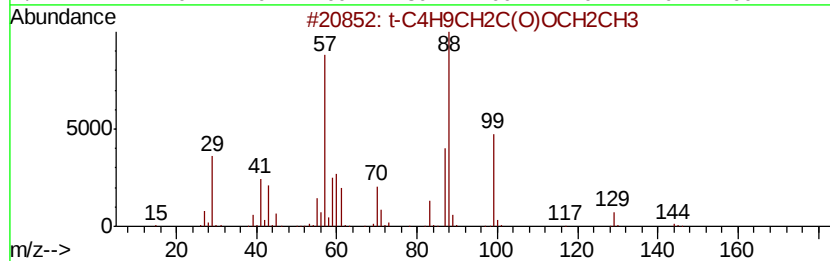
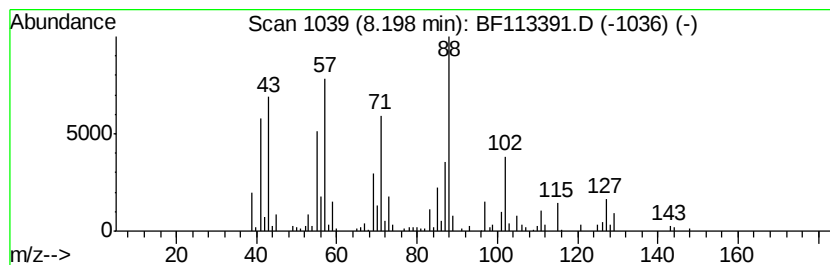
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.10 ng	269104	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	t-C4H9CH2C(O)OCH2CH3	144	C8H16O2	005340-78-3	38
2		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	35
3		Octanoic acid, ethyl ester	172	C10H20O2	000106-32-1	27
4		Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	27
5		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
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Sample : K2121-01 10X
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ClientSampleId :
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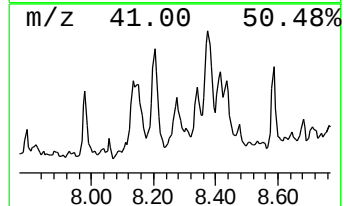
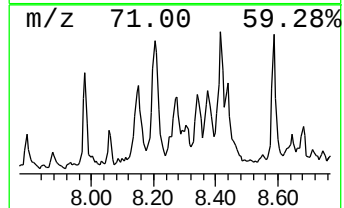
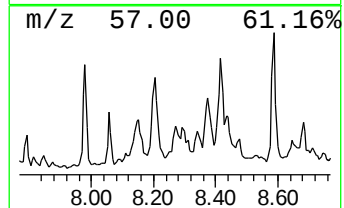
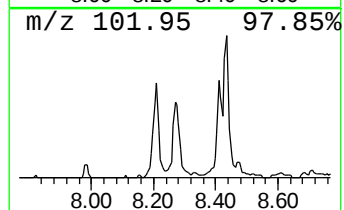
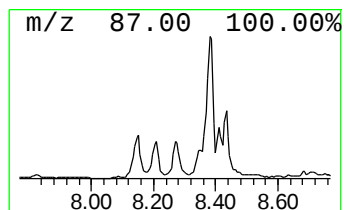
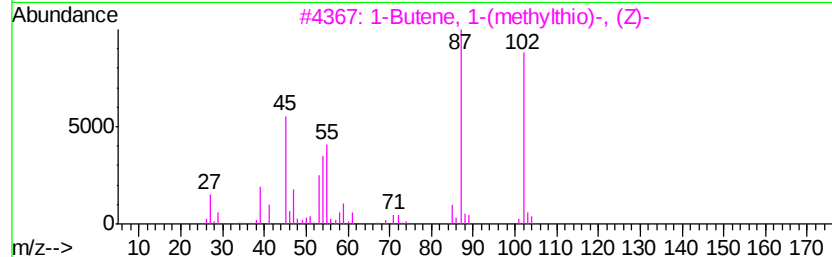
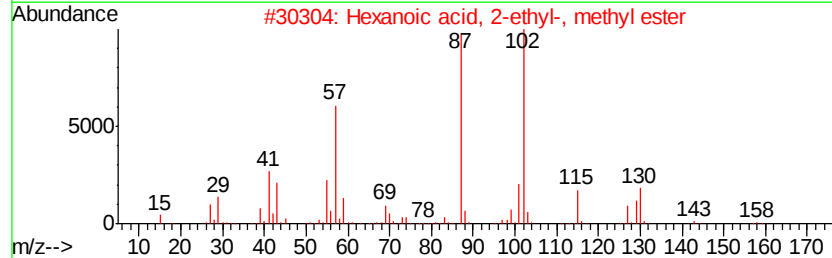
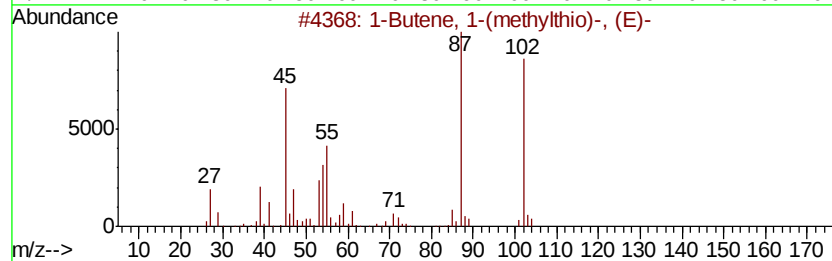
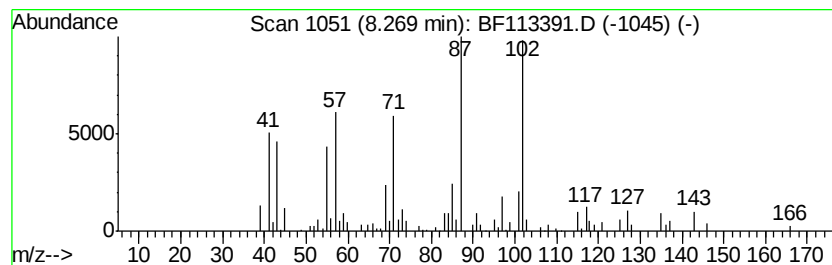
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.27 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	3.29 ng	215930	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	43
2		Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	38
3		1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	37
4		Pentanoic acid, 2-methyl-, ethyl...	144	C8H16O2	039255-32-8	25
5		Butyramide, 2,2,3,3-tetramethyl-	143	C8H17NO	098486-62-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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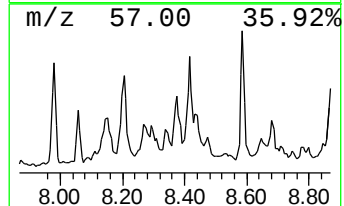
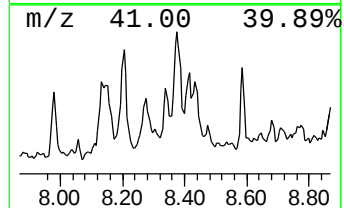
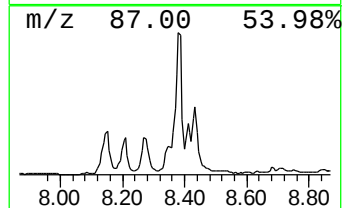
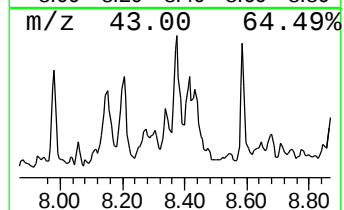
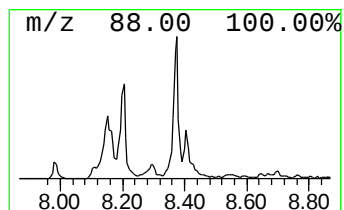
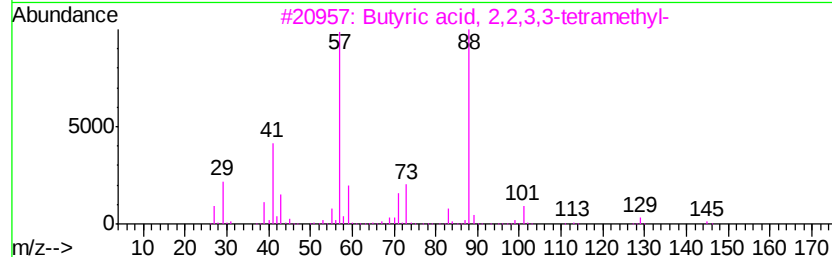
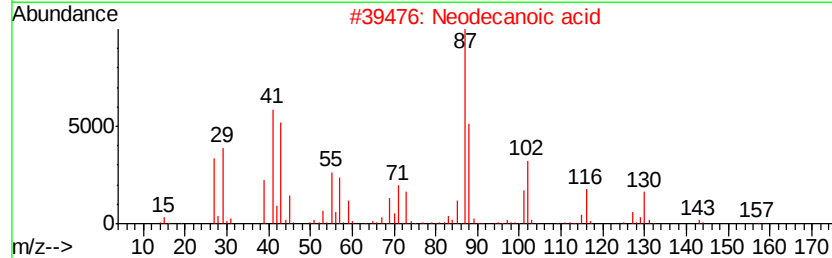
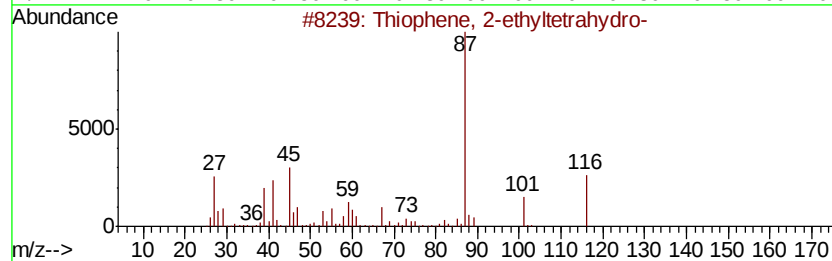
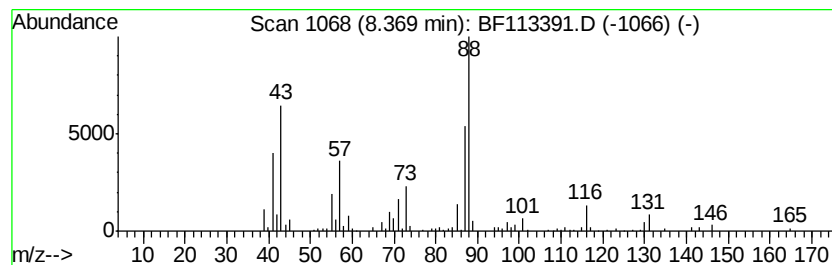
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	5.70 ng	373971	Napthalene-d8	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	38
2			Neodecanoic acid	172	C10H20O2	026896-20-8	37
3			Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	35
4			.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	003253-83-6	35
5			Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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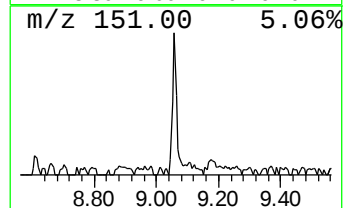
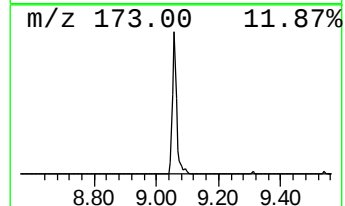
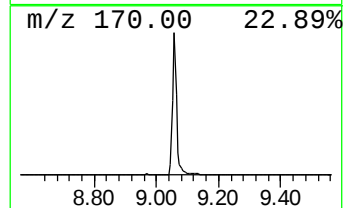
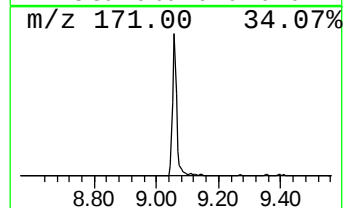
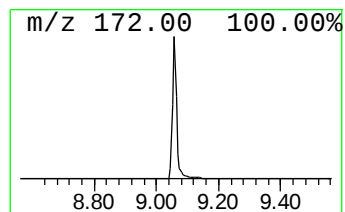
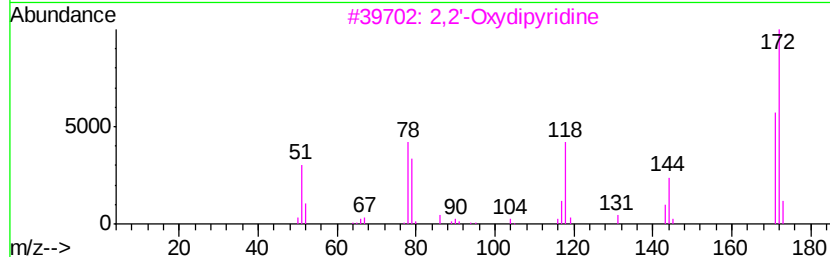
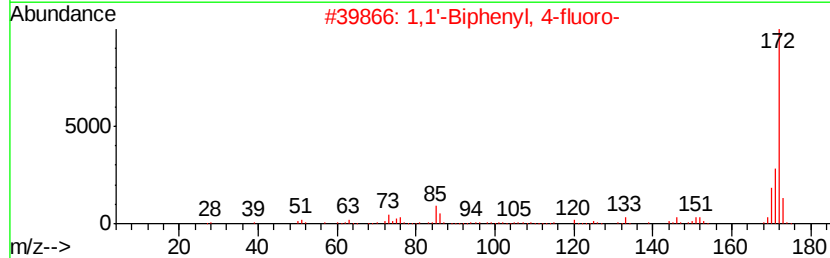
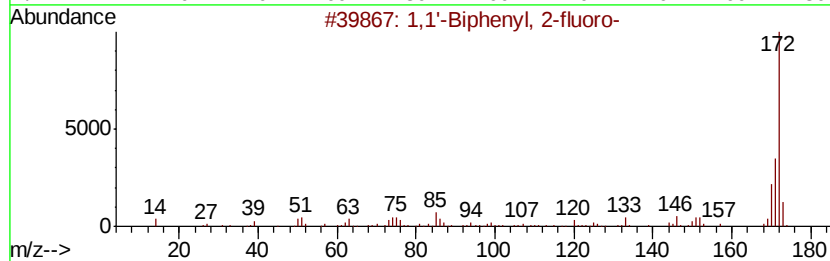
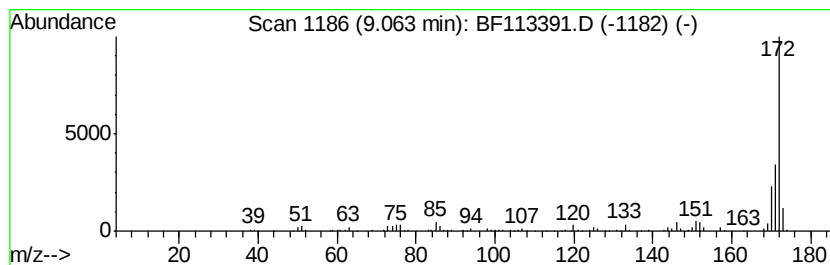
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2-fluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.06	5.31 ng	392836	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3	2,2'-Oxydipyrindine	172	C10H8N2O	053258-94-9	58
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	47
5	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-11

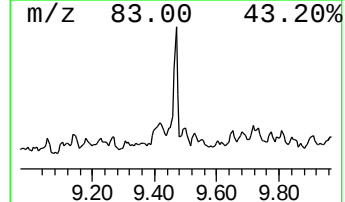
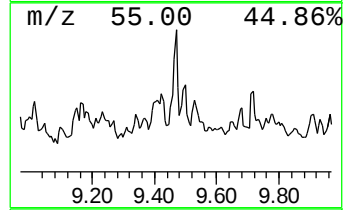
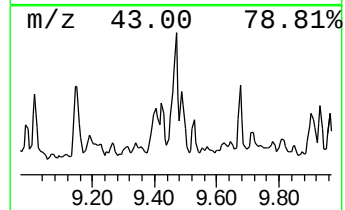
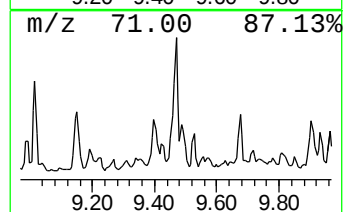
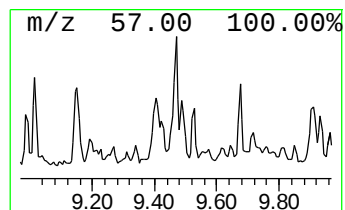
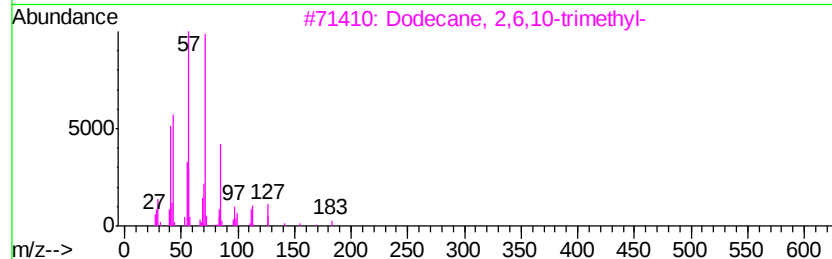
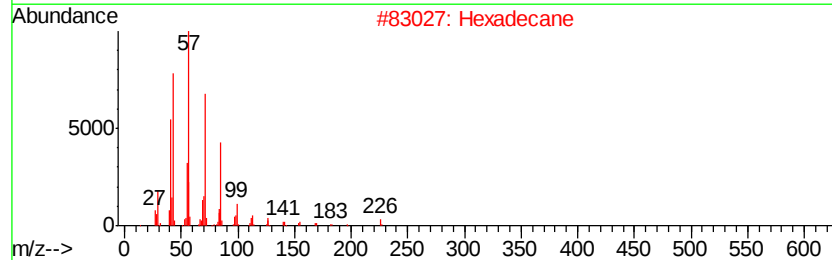
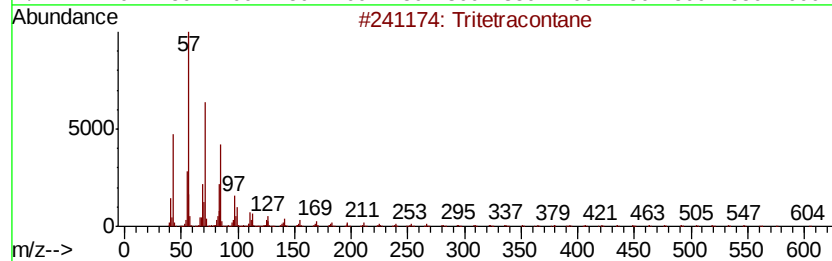
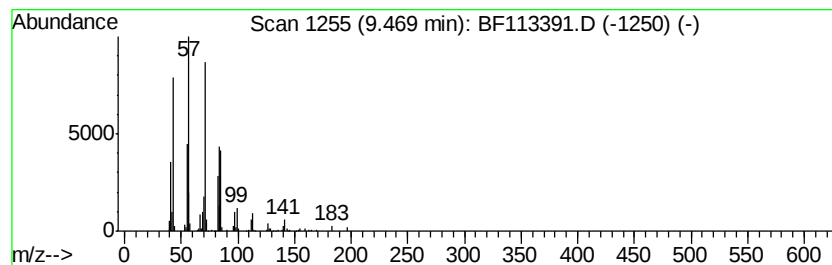
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	3.54 ng	262063	Acenaphthene-d10	9.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	64
2			Hexadecane	226	C16H34	000544-76-3	64
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5			Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
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Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

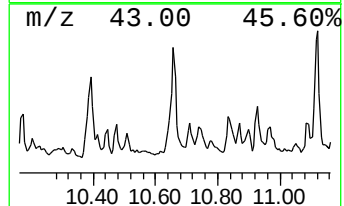
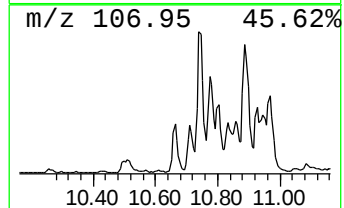
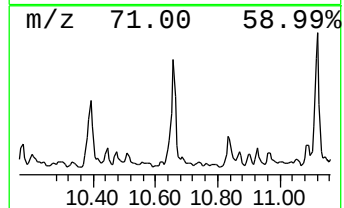
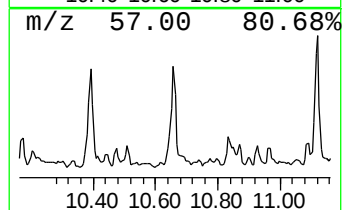
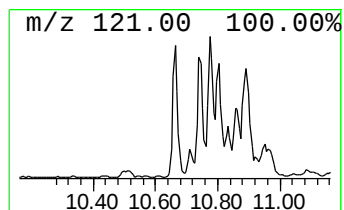
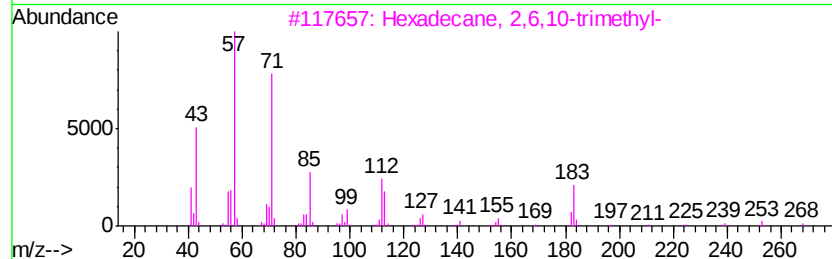
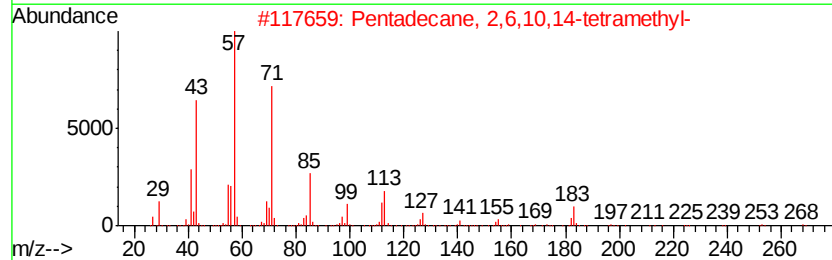
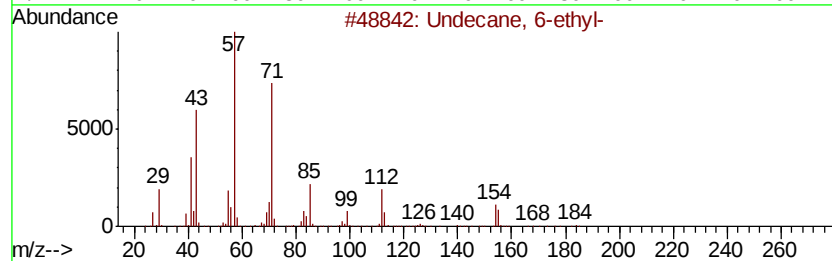
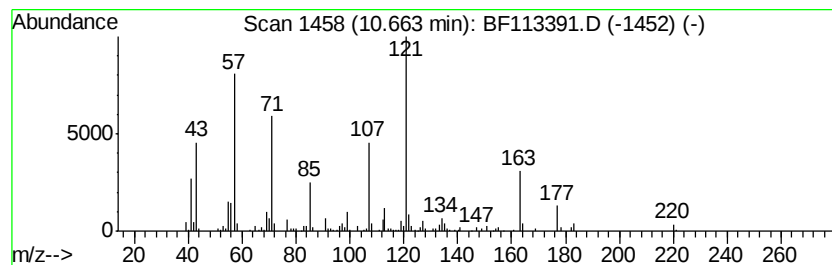
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 6-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	5.80 ng	388995	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	53
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

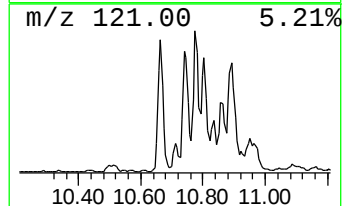
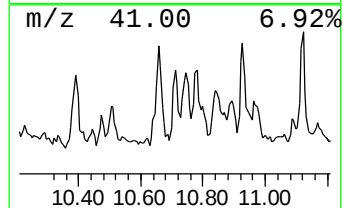
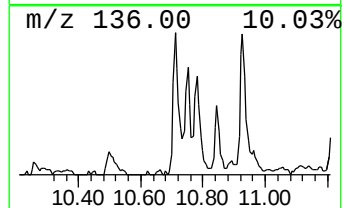
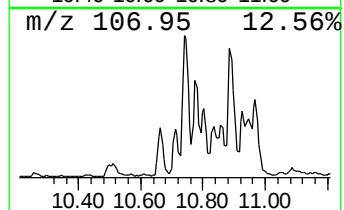
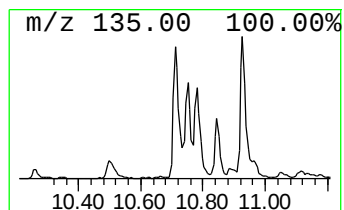
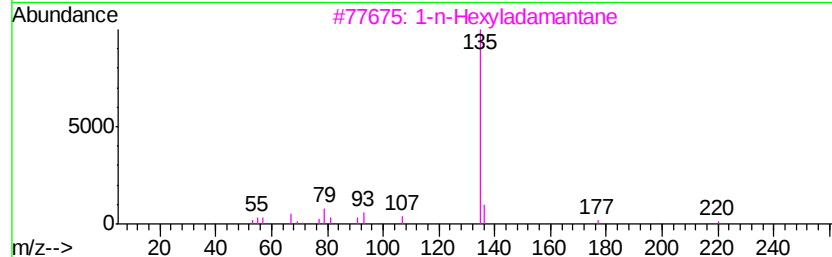
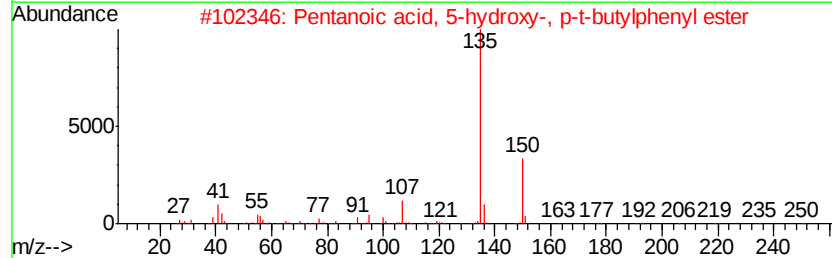
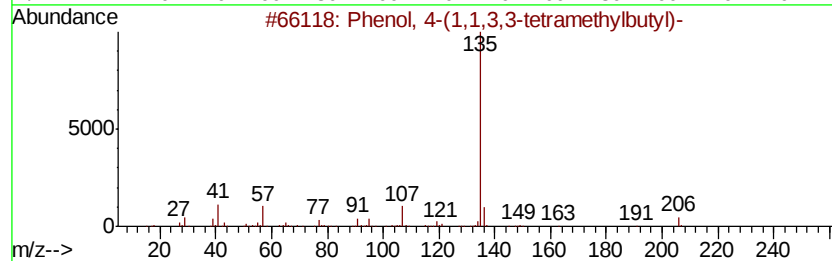
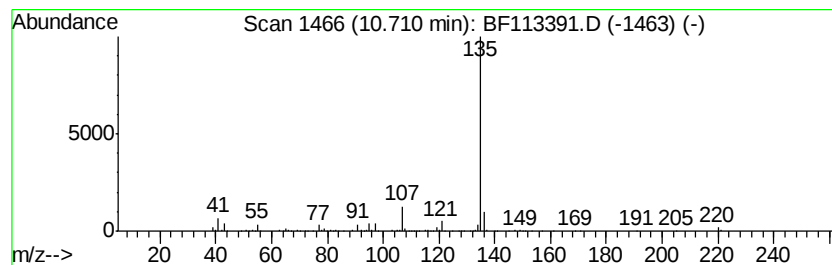
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	4.89 ng	327882	Phenanthrene-d10	11.21	
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	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
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Sample : K2121-01 10X
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Instrument :
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ClientSampleId :
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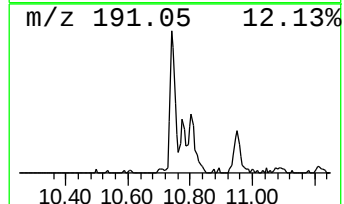
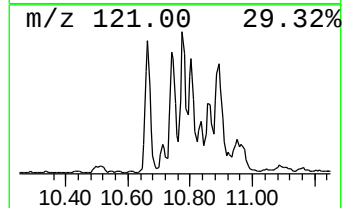
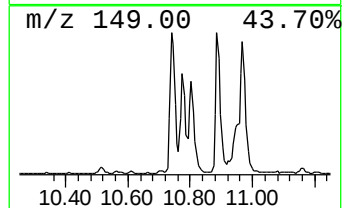
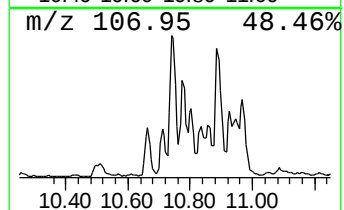
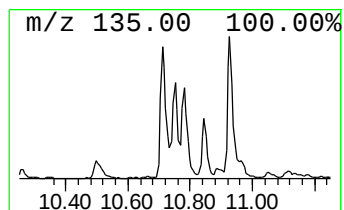
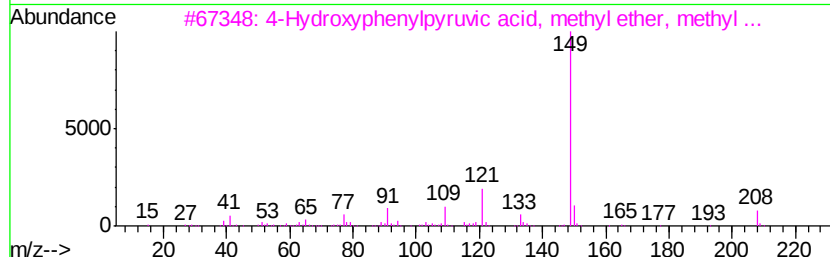
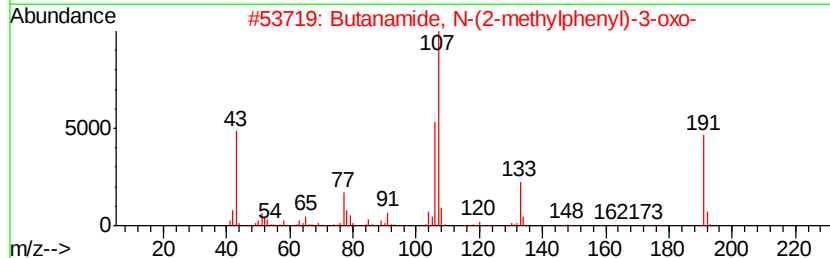
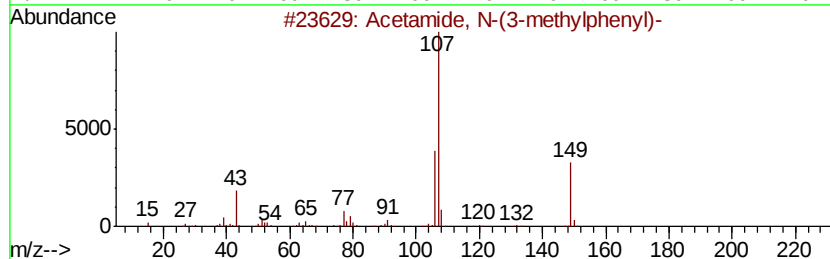
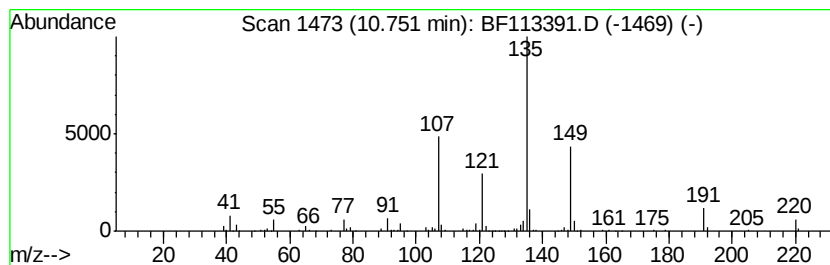
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	7.38 ng	494746	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
2		Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30
3		4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	27
4		3',4'-Formoxylidide	149	C9H11NO	006639-60-7	27
5		Phenol, 4-butyl-	150	C10H14O	001638-22-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-11

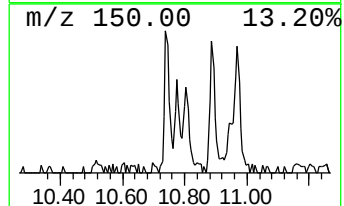
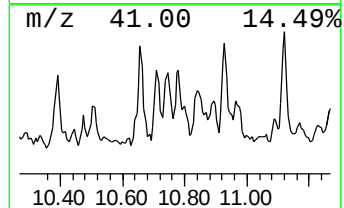
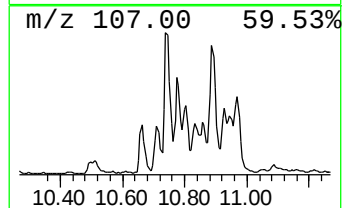
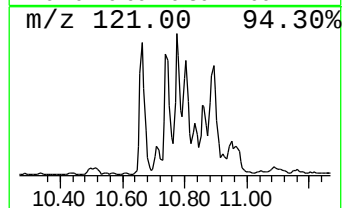
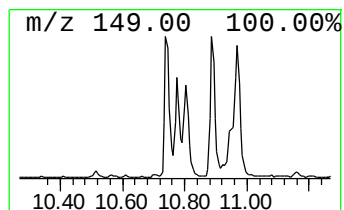
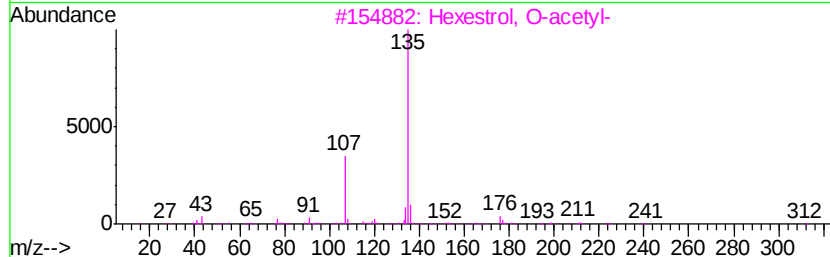
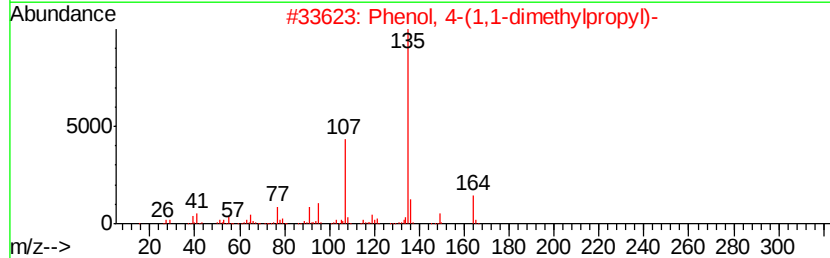
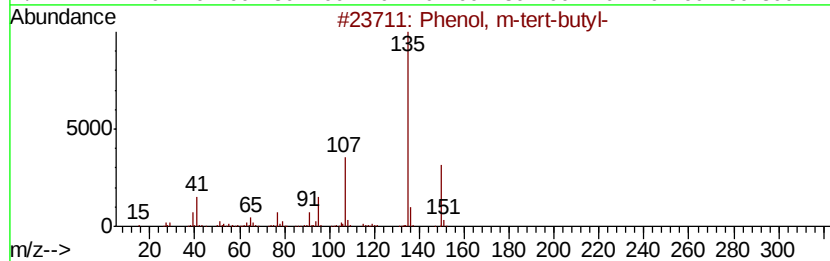
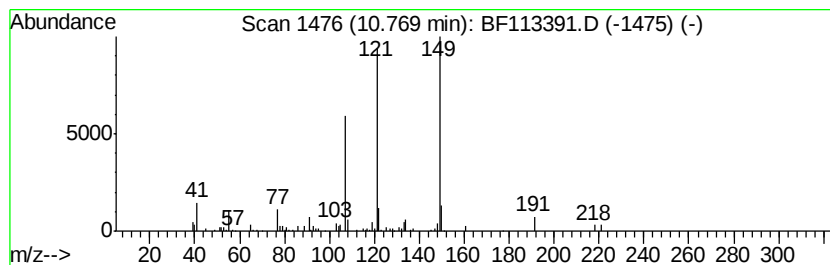
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	5.68 ng	381062	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	30
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	27
3	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	27
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	25
5	Neodihydrocarveol	154	C10H18O	018675-34-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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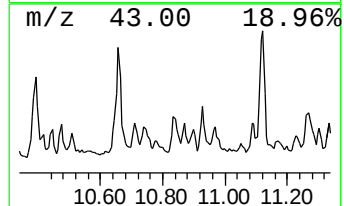
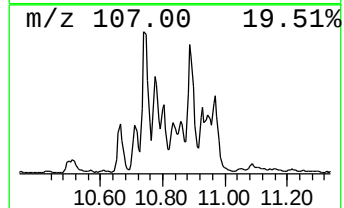
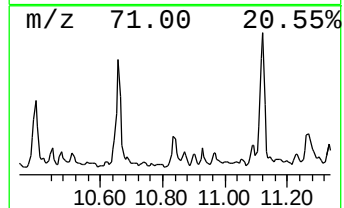
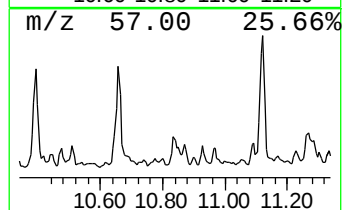
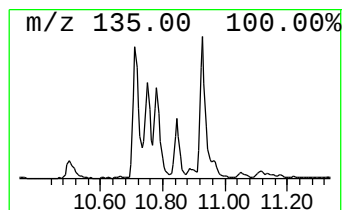
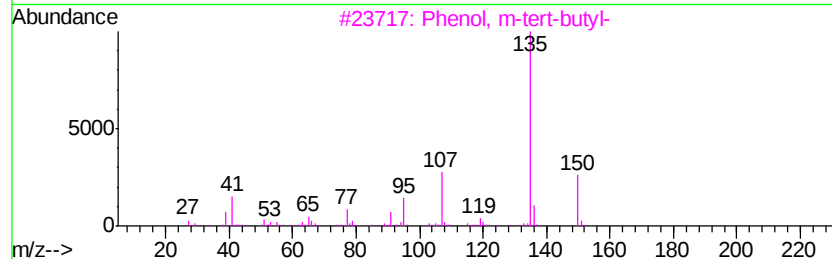
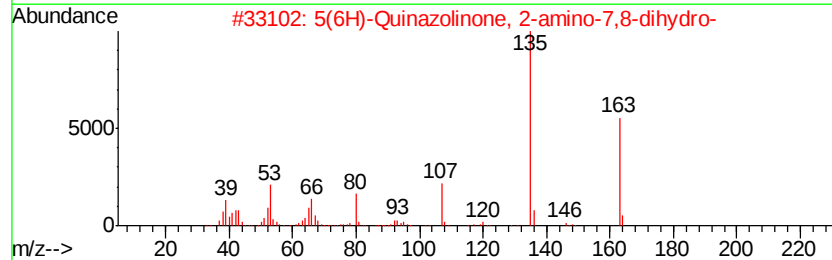
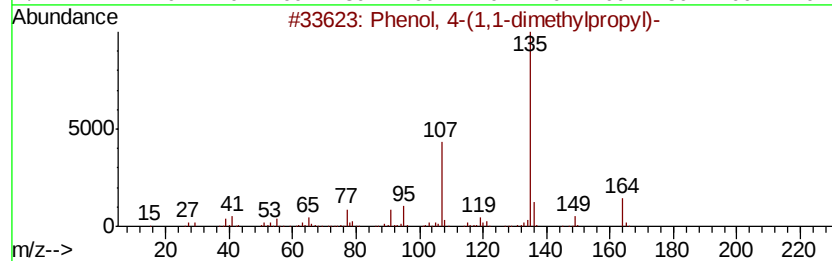
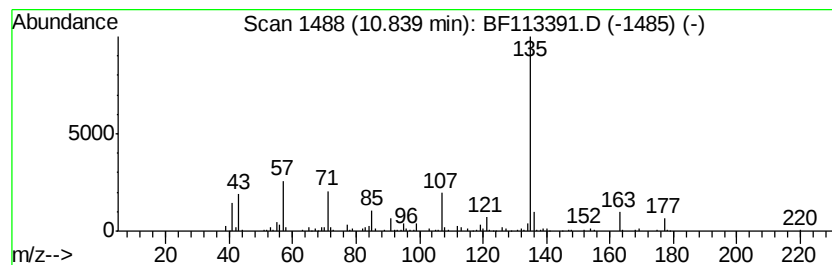
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	5.71 ng	382508	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	58
2	5(6H)-Quinazolinone, 2-amino-7,8...	163	C8H9N3O	1000338-03-0	53
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
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Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

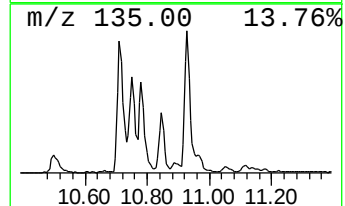
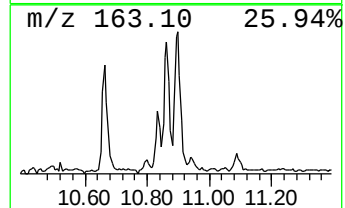
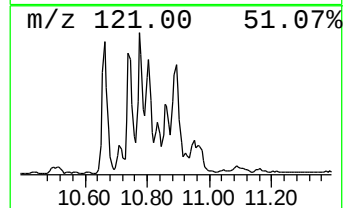
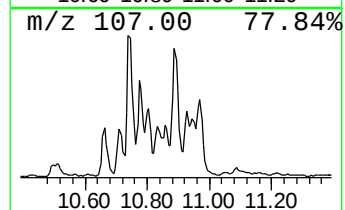
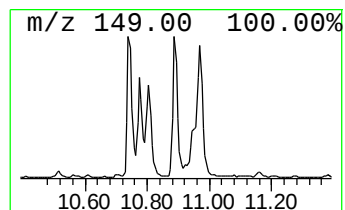
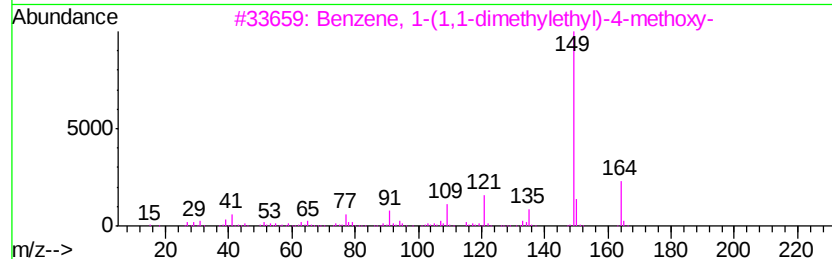
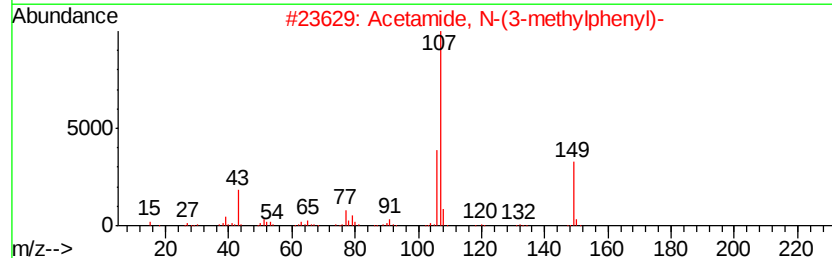
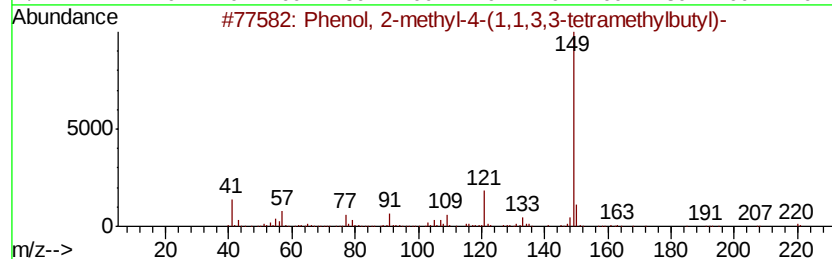
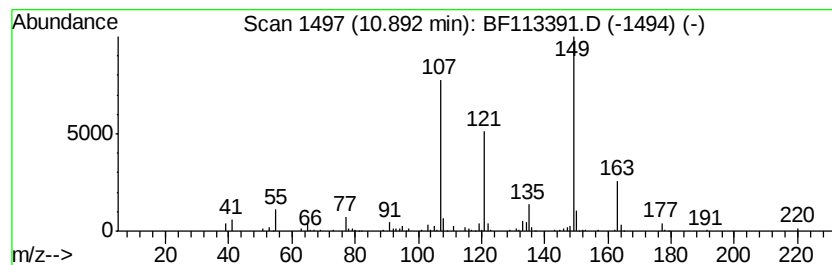
Instrument :
BNA_F
ClientSampled :
MW-11

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 18 Phenol, 2-methyl-4-(1,1,3,3... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.89	4.66 ng	312569	Phenanthrene-d10		11.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O		002219-84-3	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO		000537-92-8	64
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O		005396-38-3	62
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O		000098-27-1	47
5	Phthalic acid, cyclobutyl ethyl ...	248	C14H16O4		1000315-41-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

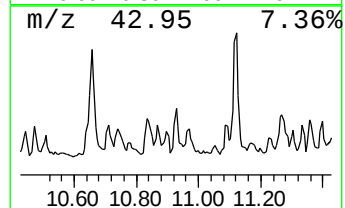
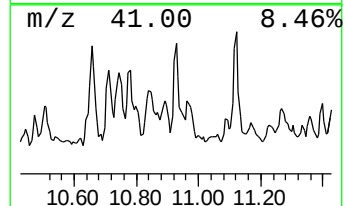
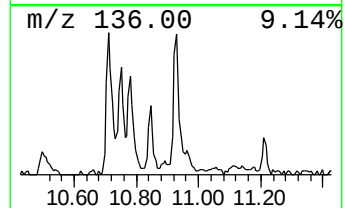
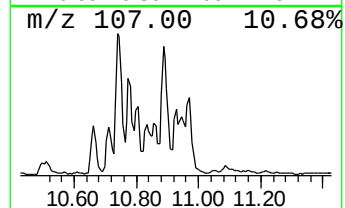
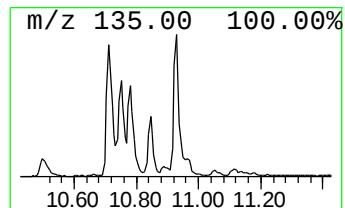
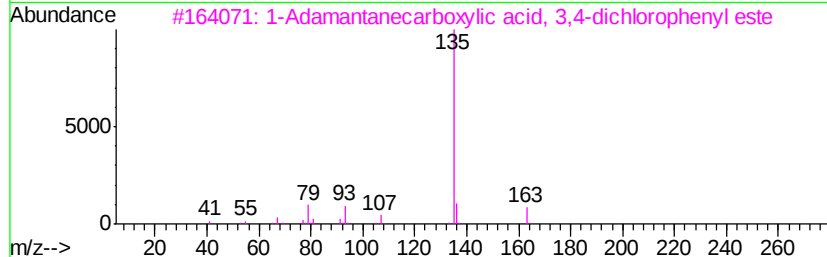
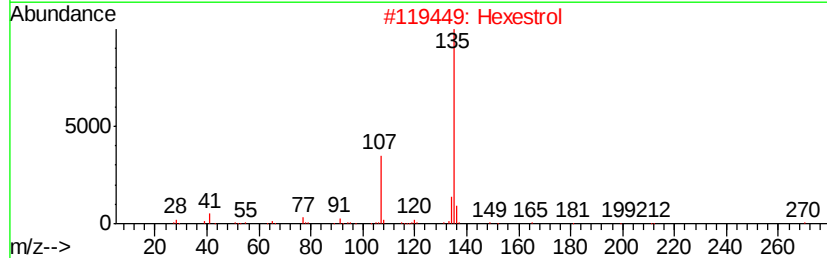
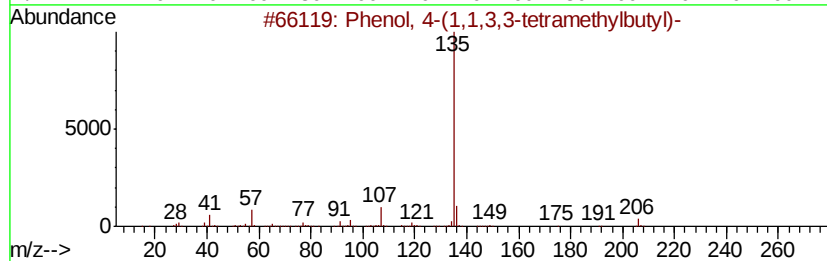
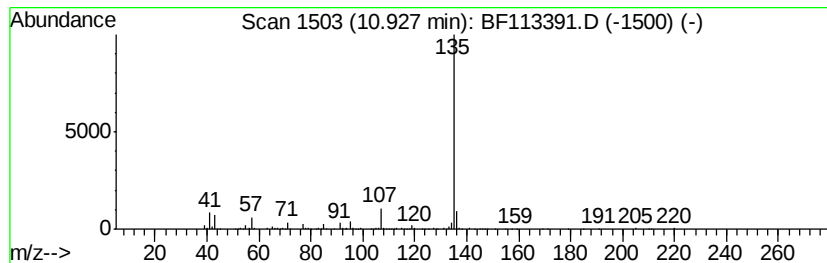
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexestrol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.93	6.52 ng	437094	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	64
4	1,3-Benzenediol, o-(2-furoyl)-o'...	338	C19H14O6	1000330-77-5	50
5	p-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000299-20-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

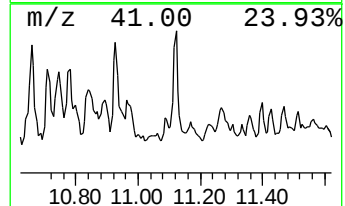
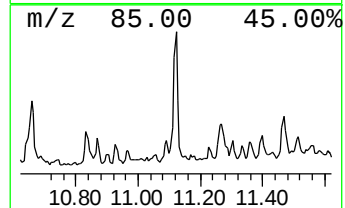
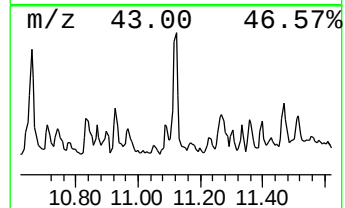
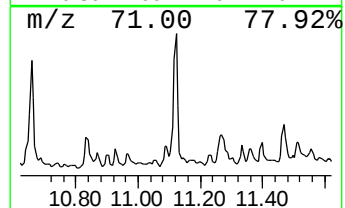
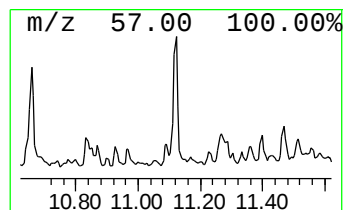
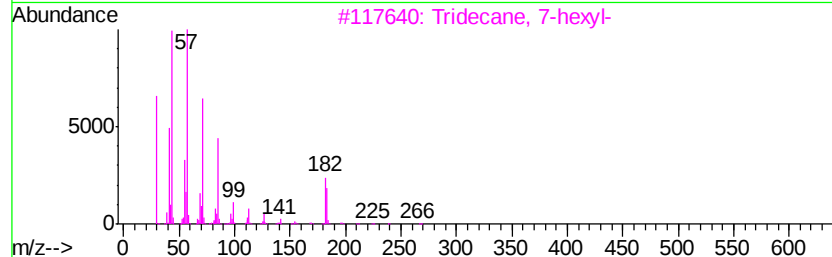
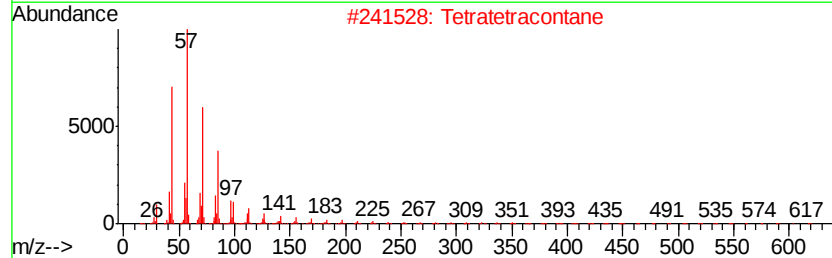
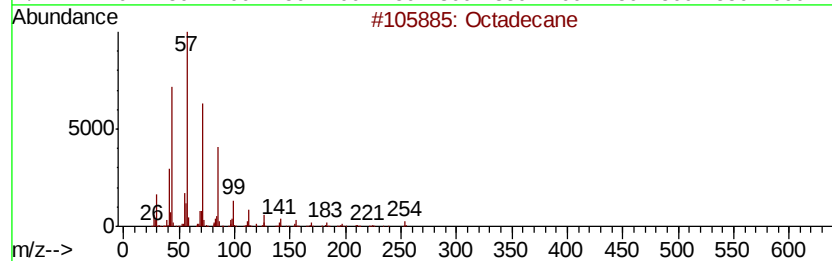
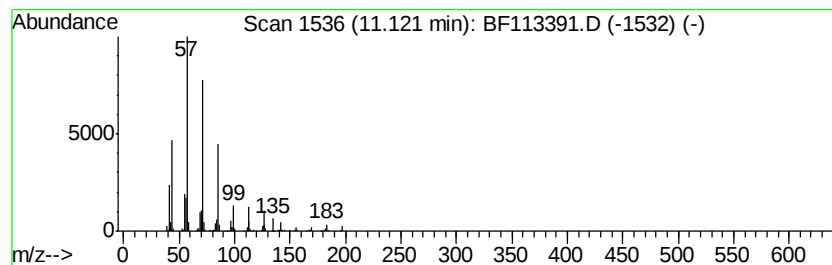
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.71 ng	316110	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
5	Eicosane		282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113391.D
 Acq On : 28 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K2121-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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	5.8	ng	257140	1	6.70	884407	20.0
Decane	6.55	6.1	ng	268107	1	6.70	884407	20.0
Benzene, 1-ethyl-...	6.76	3.7	ng	164980	1	6.70	884407	20.0
Benzene, 2-ethyl-...	7.03	3.4	ng	151049	1	6.70	884407	20.0
Cyclohexanemethan...	7.72	4.8	ng	314104	2	7.99	1312570	20.0
unknown8.15	8.15	4.3	ng	278838	2	7.99	1312570	20.0
unknown8.20	8.20	4.1	ng	269104	2	7.99	1312570	20.0
unknown8.27	8.27	3.3	ng	215930	2	7.99	1312570	20.0
unknown8.37	8.37	5.7	ng	373971	2	7.99	1312570	20.0
1,1'-Biphenyl, 2-...	9.06	5.3	ng	392836	3	9.73	1479210	20.0
Tritetracontane	9.47	3.5	ng	262063	3	9.73	1479210	20.0
Undecane, 6-ethyl-	10.66	5.8	ng	388995	4	11.21	1340950	20.0
Phenol, 4-(1,1,3,...	10.71	4.9	ng	327882	4	11.21	1340950	20.0
unknown10.75	10.75	7.4	ng	494746	4	11.21	1340950	20.0
unknown10.77	10.77	5.7	ng	381062	4	11.21	1340950	20.0
Phenol, 4-(1,1-di...	10.84	5.7	ng	382508	4	11.21	1340950	20.0
Phenol, 2-methyl-...	10.89	4.7	ng	312569	4	11.21	1340950	20.0
Hexestrol	10.93	6.5	ng	437094	4	11.21	1340950	20.0
Octadecane	11.12	4.7	ng	316110	4	11.21	1340950	20.0