

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116217.D
 Acq On : 13 Aug 2019 4:11
 Operator : HP/JU
 Sample : K4085-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

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-BF073019.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	5.463	571	574	591	rBV	218035	366666	26.87%	1.181%
2	6.087	677	680	683	rBV2	55442	63284	4.64%	0.204%
3	6.369	725	728	730	rBV2	117399	113995	8.35%	0.367%
4	6.428	735	738	744	rBV3	65197	90744	6.65%	0.292%
5	6.475	744	746	750	rBV	283792	354325	25.97%	1.141%
6	6.575	759	763	766	rBV3	66267	95022	6.96%	0.306%
7	6.610	766	769	776	rVB	512080	521918	38.25%	1.681%
8	6.669	776	779	786	rVB	426816	394125	28.88%	1.269%
9	6.775	790	797	799	rBV4	37623	71494	5.24%	0.230%
10	6.834	803	807	814	rVB2	762233	868622	63.65%	2.797%
11	6.892	814	817	821	rVB2	150745	137068	10.04%	0.441%
12	6.992	829	834	837	rBV2	455393	572303	41.94%	1.843%
13	7.063	844	846	848	rBV3	71268	62988	4.62%	0.203%
14	7.110	851	854	857	rVB	282382	253588	18.58%	0.817%
15	7.139	857	859	863	rBV2	183901	221934	16.26%	0.715%
16	7.175	863	865	870	rVB2	213544	183173	13.42%	0.590%
17	7.222	870	873	877	rBV2	332207	368401	27.00%	1.186%
18	7.257	877	879	884	rVB3	66777	90591	6.64%	0.292%
19	7.369	893	898	901	rBV2	260658	336512	24.66%	1.084%
20	7.398	901	903	906	rBV2	200870	263642	19.32%	0.849%
21	7.428	906	908	912	rVB	1003668	896900	65.73%	2.888%
22	7.481	912	917	920	rVB5	259759	370352	27.14%	1.193%
23	7.522	920	924	925	rBV3	143671	193753	14.20%	0.624%
24	7.545	925	928	930	rVB4	106036	107999	7.91%	0.348%
25	7.610	937	939	941	rBV2	130175	132110	9.68%	0.425%
26	7.639	941	944	947	rVB3	303062	298846	21.90%	0.962%
27	7.733	953	960	962	rBV3	270821	396153	29.03%	1.276%
28	7.757	962	964	968	rVB3	200033	210584	15.43%	0.678%
29	7.798	968	971	974	rVB2	272418	283669	20.79%	0.914%
30	7.833	974	977	979	rBV	306997	278453	20.41%	0.897%
31	7.863	979	982	987	rVB4	369186	502215	36.80%	1.617%
32	7.910	987	990	992	rBV	247646	206258	15.11%	0.664%
33	7.933	992	994	996	rVV2	116567	81859	6.00%	0.264%
34	7.951	996	997	1000	rVB	193123	138801	10.17%	0.447%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.986	1000	1003	1006	rBV3	132931	170511	12.50%	0.549%
36	8.022	1006	1009	1011	rBV	105575	87968	6.45%	0.283%
37	8.069	1012	1017	1019	rBV5	160960	268788	19.70%	0.866%
38	8.098	1019	1022	1024	rVV	1372041	1364618	100.00%	4.395%
39	8.116	1024	1025	1028	rVV	997720	629832	46.15%	2.028%
40	8.175	1031	1035	1038	rVB2	631367	691796	50.70%	2.228%
41	8.204	1038	1040	1043	rBV2	239767	239675	17.56%	0.772%
42	8.269	1048	1051	1053	rBV4	135844	155158	11.37%	0.500%
43	8.316	1056	1059	1062	rVB2	209666	254032	18.62%	0.818%
44	8.404	1069	1074	1081	rBV6	430629	661933	48.51%	2.132%
45	8.463	1081	1084	1086	rBV2	289189	272792	19.99%	0.878%
46	8.492	1086	1089	1093	rVB3	360931	370030	27.12%	1.192%
47	8.533	1093	1096	1099	rBV	614366	641647	47.02%	2.066%
48	8.557	1099	1100	1102	rVB	186187	92671	6.79%	0.298%
49	8.580	1102	1104	1106	rVB2	199865	153741	11.27%	0.495%
50	8.616	1107	1110	1113	rBV2	361701	330695	24.23%	1.065%
51	8.657	1113	1117	1119	rBV3	159015	168140	12.32%	0.541%
52	8.710	1122	1126	1129	rBV	1260257	1187288	87.01%	3.823%
53	8.745	1129	1132	1134	rVV3	84302	97514	7.15%	0.314%
54	8.775	1134	1137	1139	rVV3	180868	184205	13.50%	0.593%
55	8.804	1139	1142	1145	rVB3	329178	384788	28.20%	1.239%
56	8.863	1150	1152	1155	rBV3	111051	105253	7.71%	0.339%
57	8.898	1155	1158	1160	rBV4	90260	134034	9.82%	0.432%
58	8.939	1163	1165	1167	rBV	252536	189349	13.88%	0.610%
59	8.986	1171	1173	1175	rBV3	185354	186985	13.70%	0.602%
60	9.069	1183	1187	1191	rVB3	308465	404659	29.65%	1.303%
61	9.110	1191	1194	1196	rVV	298860	228295	16.73%	0.735%
62	9.139	1196	1199	1205	rVV3	512894	610213	44.72%	1.965%
63	9.186	1205	1207	1212	rVV	601550	609374	44.66%	1.962%
64	9.233	1212	1215	1217	rVV2	99137	94701	6.94%	0.305%
65	9.275	1218	1222	1226	rVV	1030801	1102866	80.82%	3.552%
66	9.310	1226	1228	1231	rVV3	185417	272336	19.96%	0.877%
67	9.345	1231	1234	1237	rVV3	277846	350712	25.70%	1.129%
68	9.386	1239	1241	1245	rVV3	108675	113639	8.33%	0.366%
69	9.427	1246	1248	1252	rVV4	103329	150307	11.01%	0.484%
70	9.463	1252	1254	1256	rVV3	106398	94960	6.96%	0.306%
71	9.527	1259	1265	1267	rVV6	236196	401846	29.45%	1.294%

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72	9.545	1267	1268	1271	rVV2	220224	202163	14.81%	0.651%
73	9.592	1271	1276	1278	rVV3	549295	717533	52.58%	2.311%
74	9.616	1278	1280	1283	rVV2	268426	293888	21.54%	0.946%
75	9.651	1283	1286	1288	rVV	260522	225217	16.50%	0.725%
76	9.692	1288	1293	1295	rVB6	94829	145054	10.63%	0.467%
77	9.780	1304	1308	1309	rBV3	67755	84091	6.16%	0.271%
78	9.798	1309	1311	1316	rVV	648841	520620	38.15%	1.677%
79	9.839	1316	1318	1320	rVV3	92555	87927	6.44%	0.283%
80	9.869	1320	1323	1328	rVB	1012053	984345	72.13%	3.170%
81	10.033	1347	1351	1353	rBV2	78000	117384	8.60%	0.378%
82	10.057	1353	1355	1357	rVV2	86358	85021	6.23%	0.274%
83	10.086	1357	1360	1362	rVB3	70558	72466	5.31%	0.233%
84	10.122	1363	1366	1370	rVV5	111411	150976	11.06%	0.486%
85	10.192	1375	1378	1381	rBV3	60846	88882	6.51%	0.286%
86	10.298	1390	1396	1399	rBV	324008	300902	22.05%	0.969%
87	10.351	1403	1405	1411	rVB4	43809	67029	4.91%	0.216%
88	10.516	1429	1433	1439	rVB	84024	138741	10.17%	0.447%
89	10.669	1456	1459	1465	rBV2	169802	241410	17.69%	0.777%
90	10.769	1473	1476	1486	rVB	175636	224915	16.48%	0.724%
91	11.216	1549	1552	1555	rBV	95090	79647	5.84%	0.256%
92	11.357	1573	1576	1591	rBV	790586	886532	64.97%	2.855%
93	12.810	1820	1823	1828	rBV2	64331	62104	4.55%	0.200%
94	12.939	1841	1845	1855	rBV	504044	495116	36.28%	1.594%
95	13.504	1938	1941	1944	rBV	71004	72486	5.31%	0.233%
96	13.833	1994	1997	1999	rBV	70617	65490	4.80%	0.211%
97	14.004	2022	2026	2033	rBV	814843	830454	60.86%	2.674%
98	14.145	2048	2050	2053	rBV	68817	65519	4.80%	0.211%
99	14.451	2100	2102	2105	rVB	81138	61991	4.54%	0.200%
100	15.474	2272	2276	2287	rVB	462966	698849	51.21%	2.251%

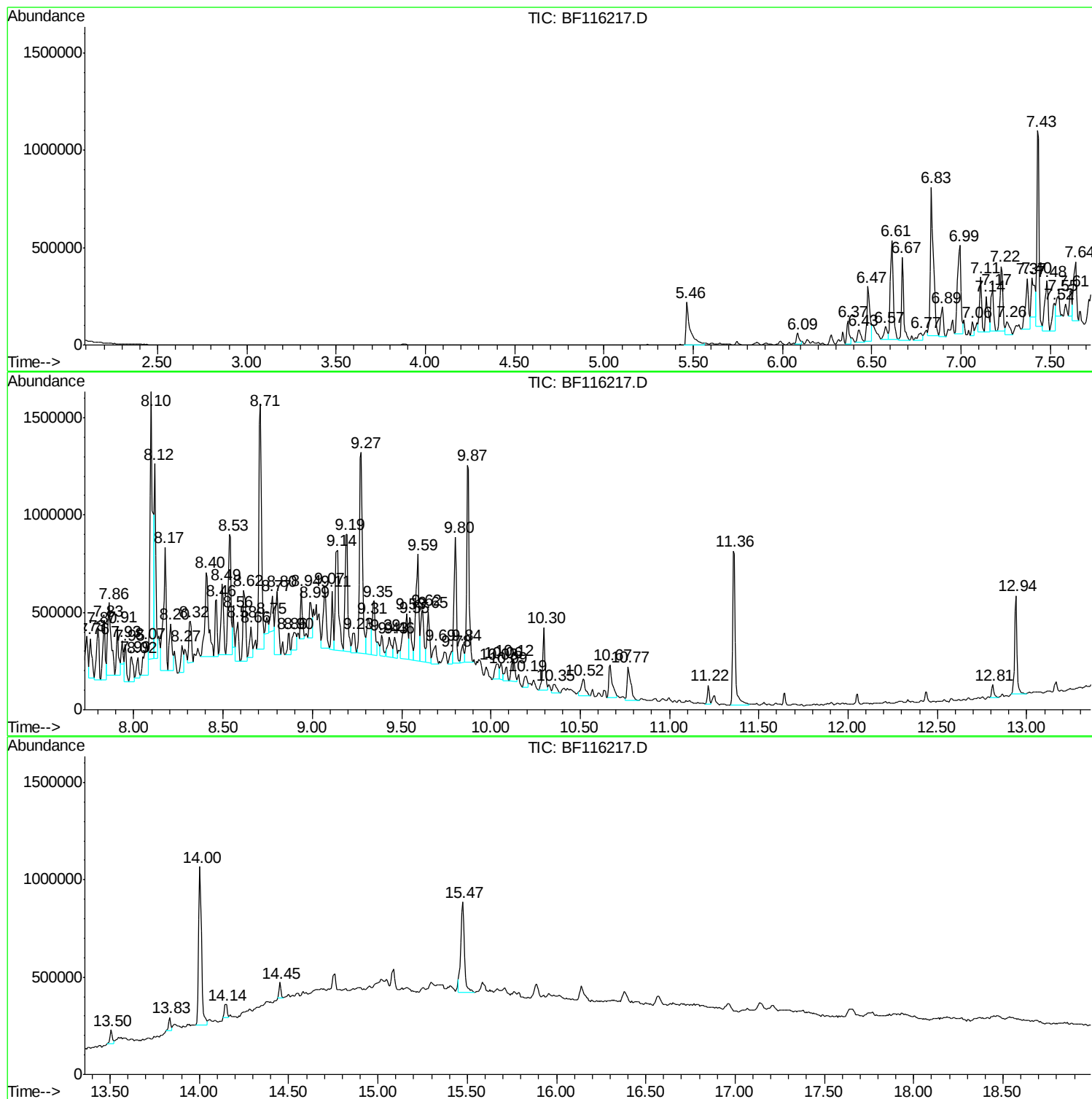
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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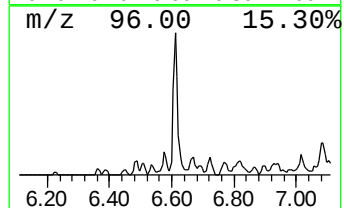
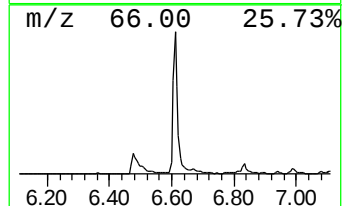
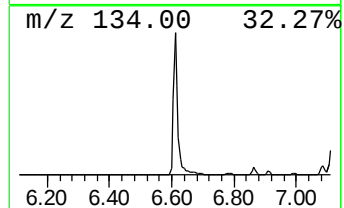
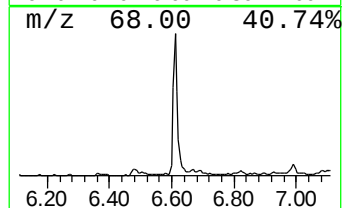
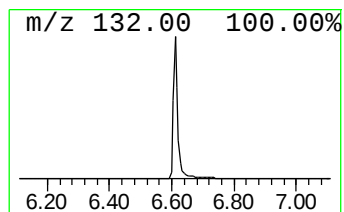
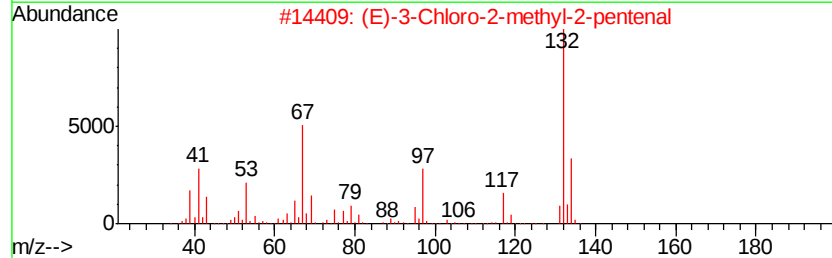
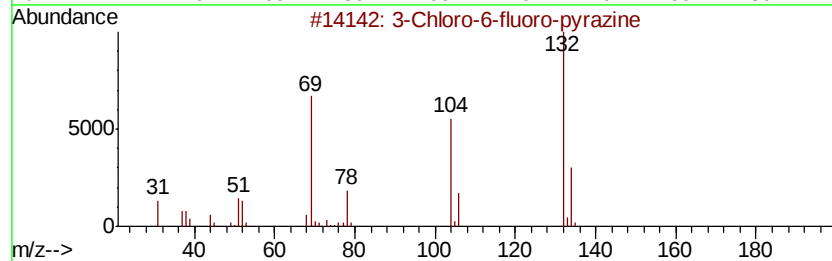
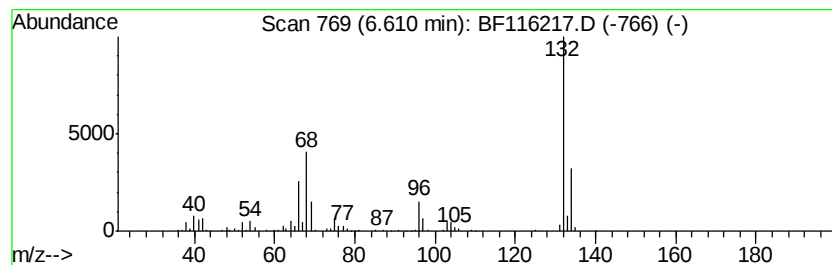
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.61 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	12.02 ng	521918	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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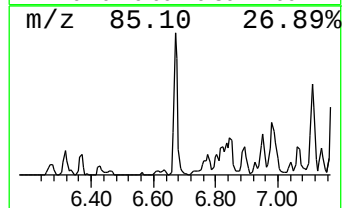
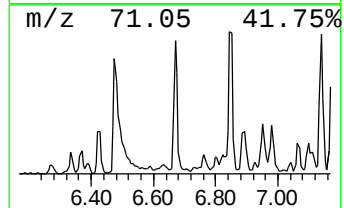
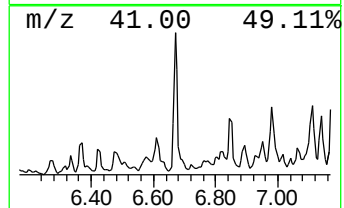
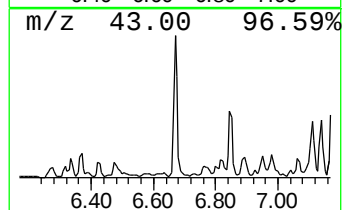
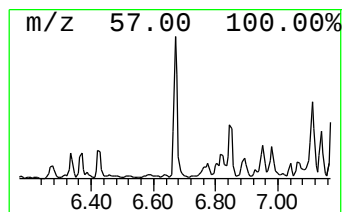
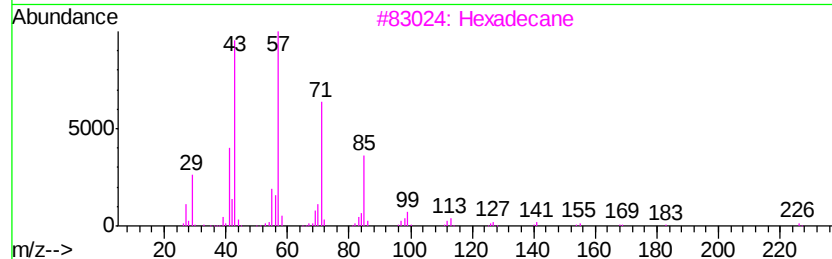
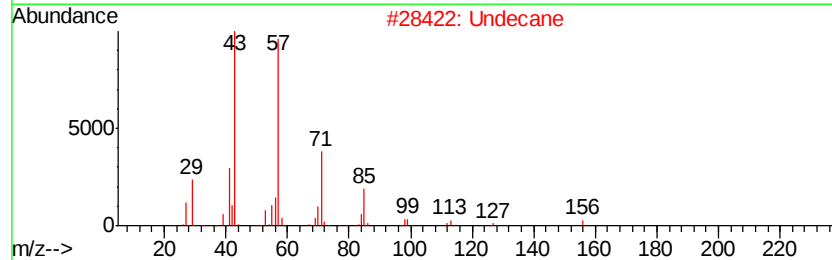
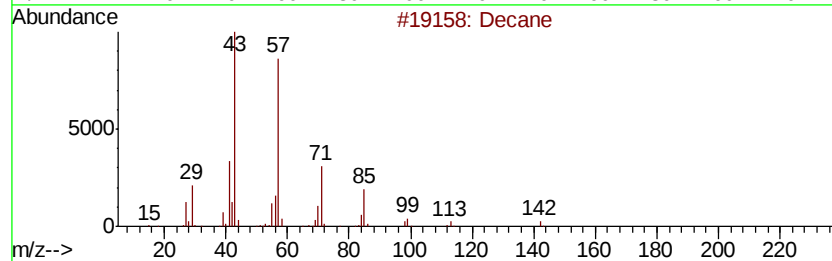
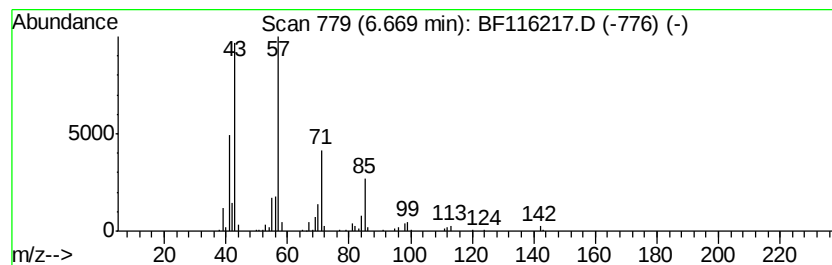
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	9.07 ng	394125	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	90
3		Hexadecane	226	C16H34	000544-76-3	83
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72



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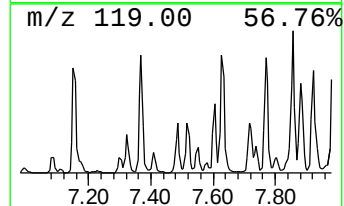
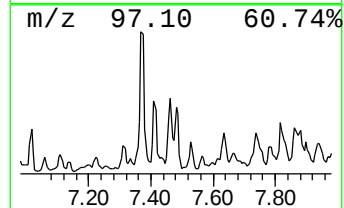
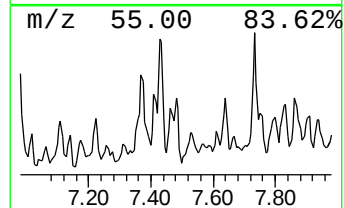
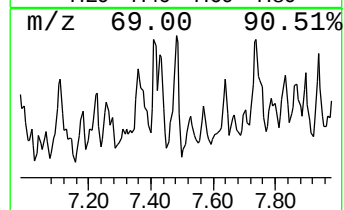
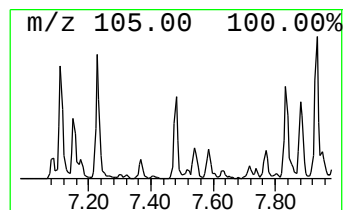
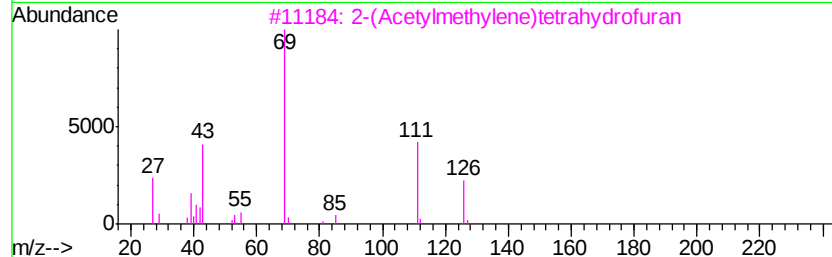
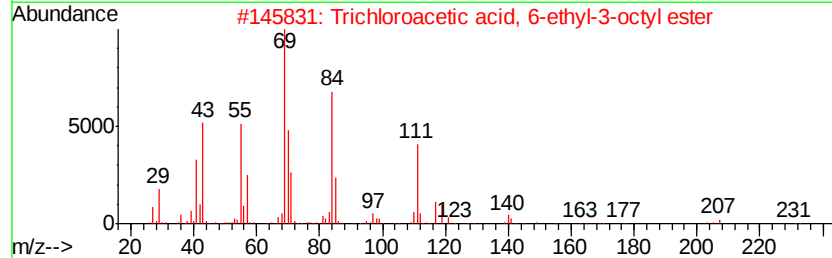
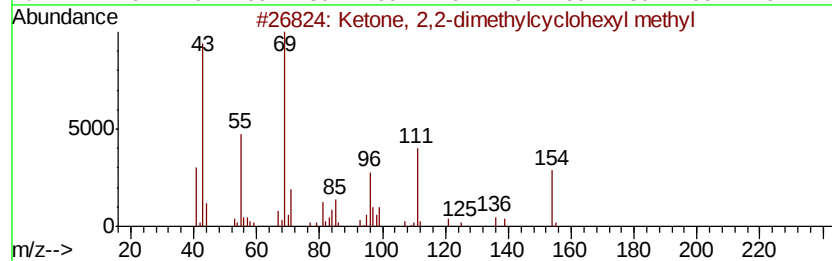
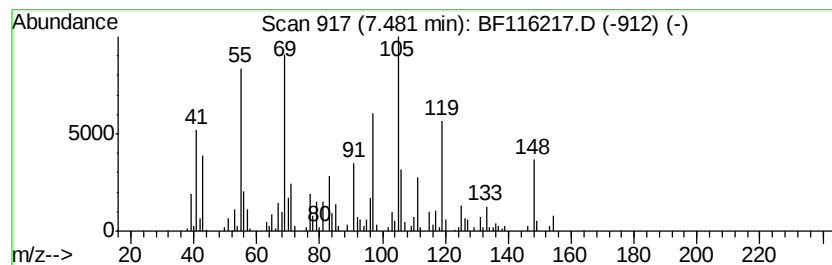
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Peak Number 4 unknown7.48 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	11.76 ng	370352	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
2		Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	27
3		2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	25
4		4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	25
5		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	22



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Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
Operator : HP/JU
Sample : K4085-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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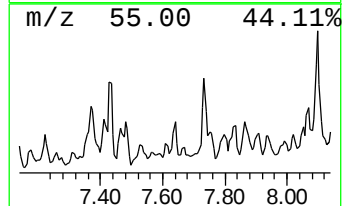
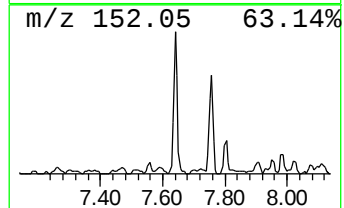
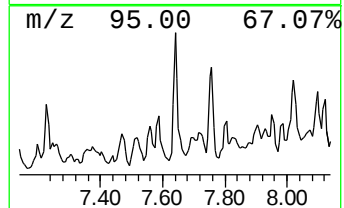
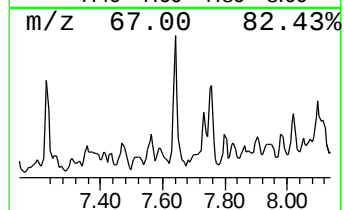
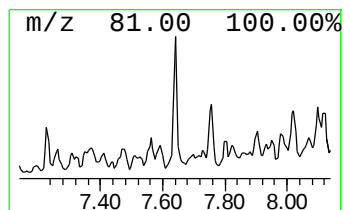
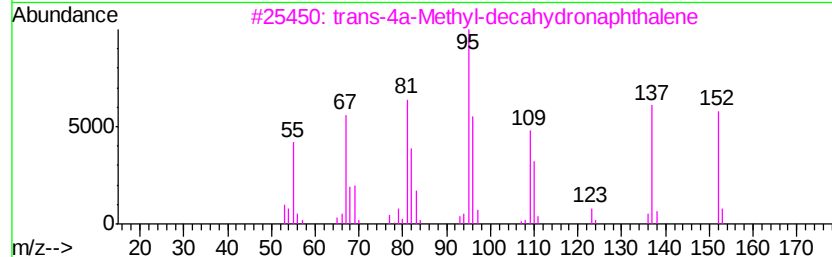
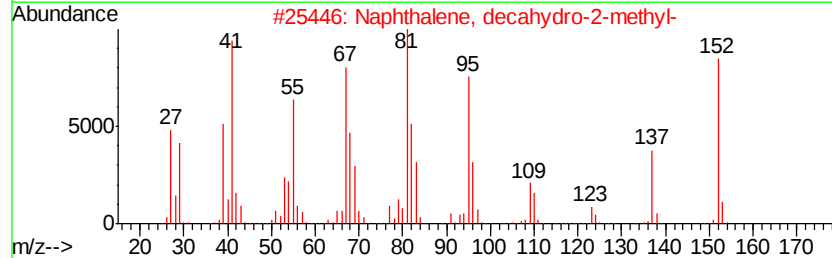
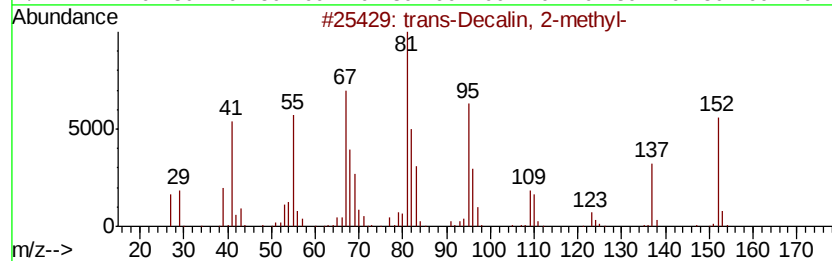
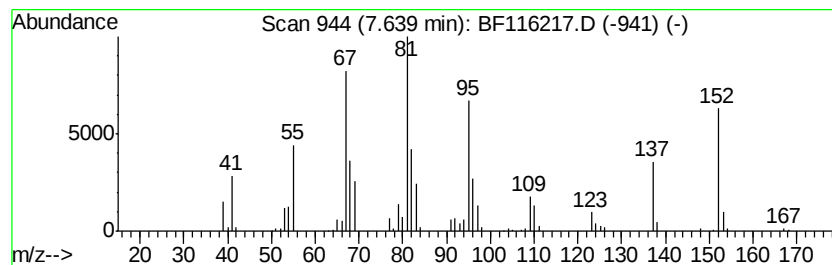
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	9.49 ng	298846	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	98
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	87
5		Pulegone	152	C10H16O	000089-82-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
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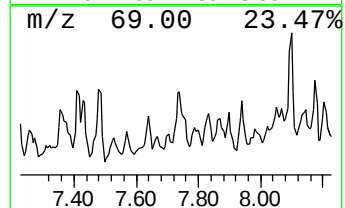
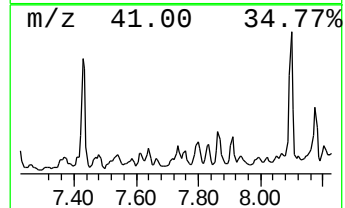
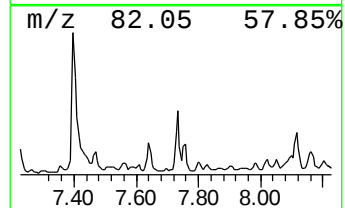
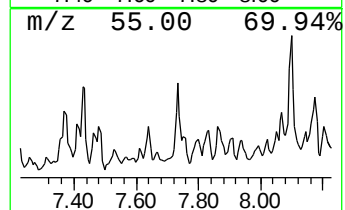
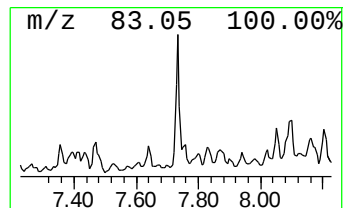
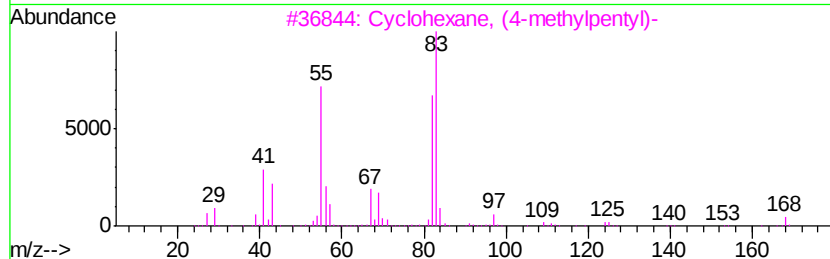
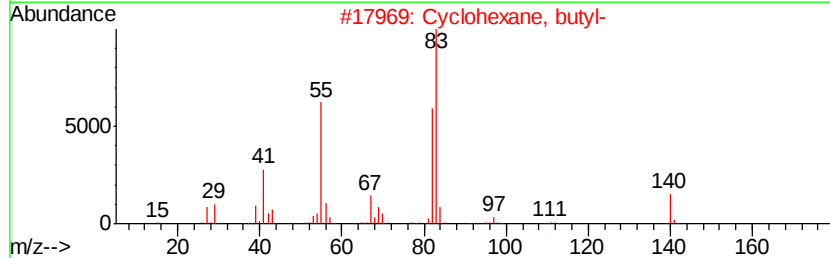
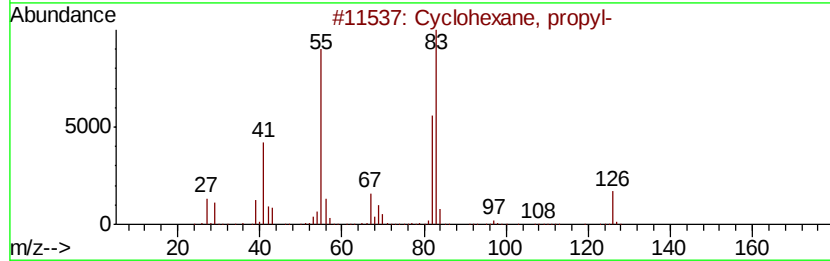
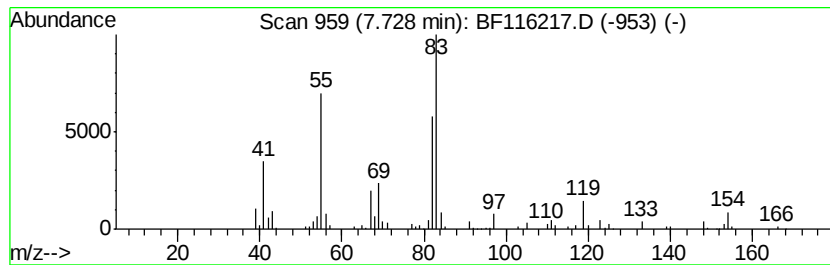
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	12.58 ng	396153	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
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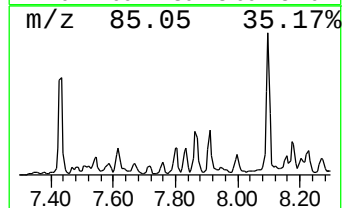
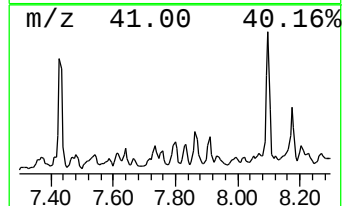
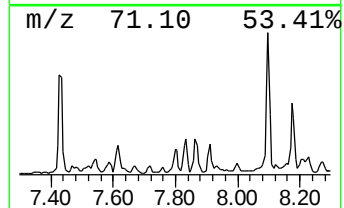
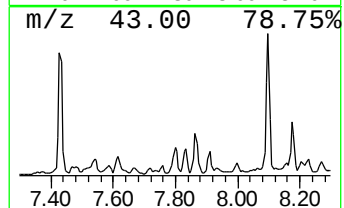
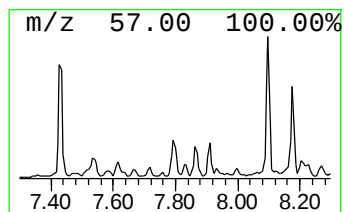
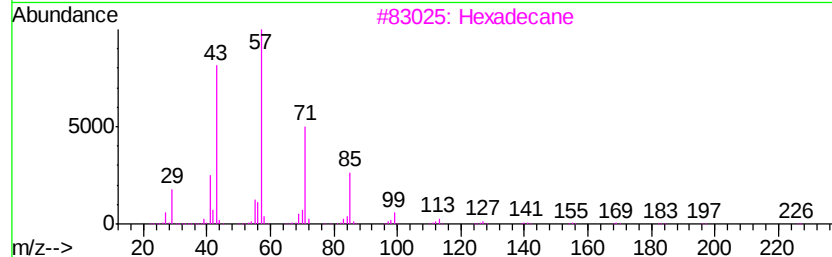
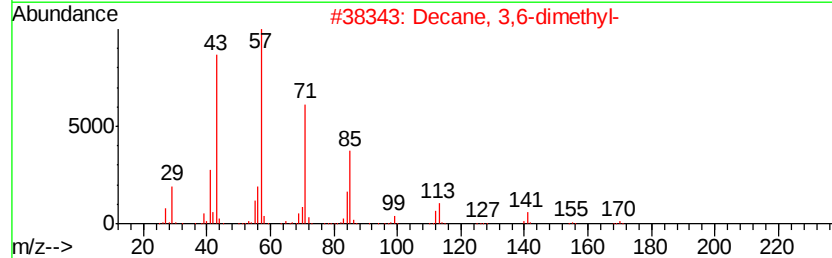
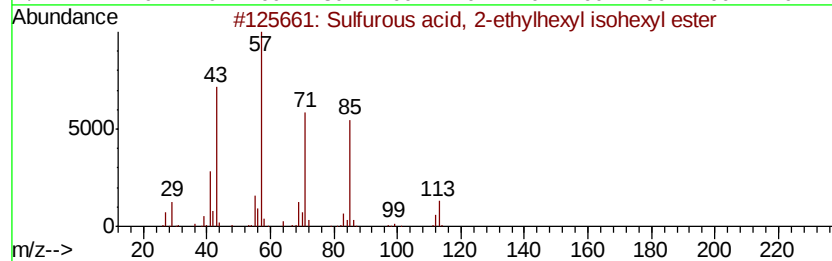
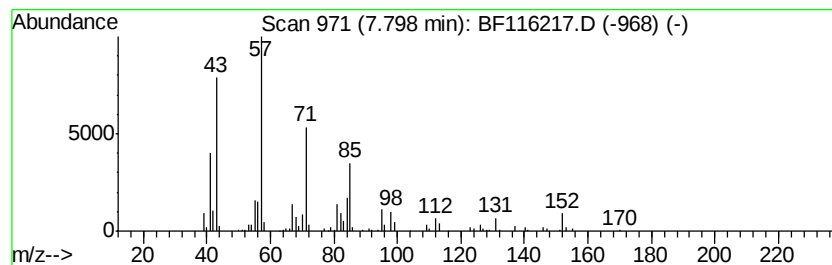
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	9.01 ng	283669	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
3		Hexadecane	226	C16H34	000544-76-3	53
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Tetradecane	198	C14H30	000629-59-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
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Operator : HP/JU
Sample : K4085-01 5X
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Instrument :
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ClientSampleId :
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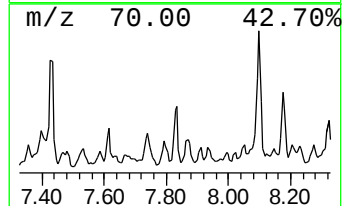
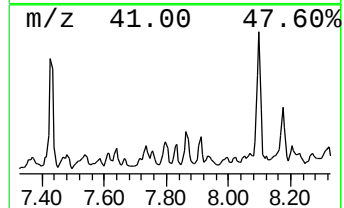
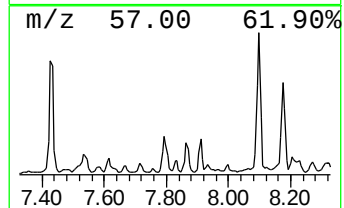
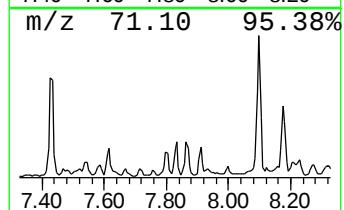
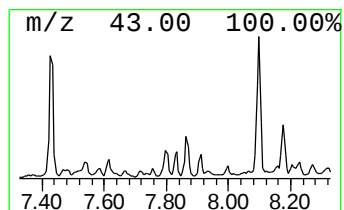
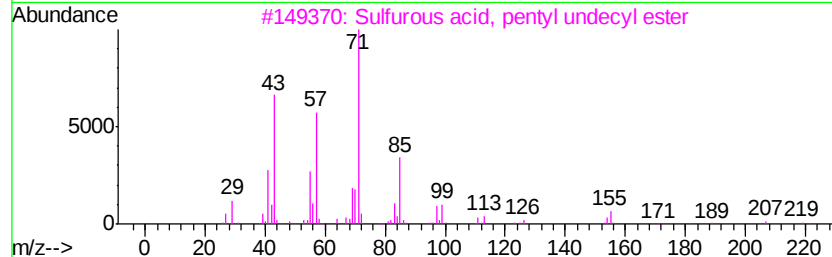
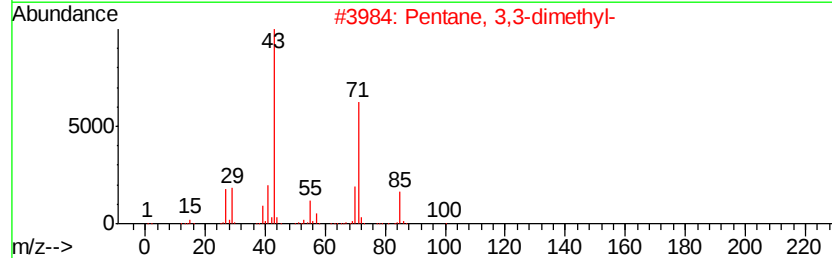
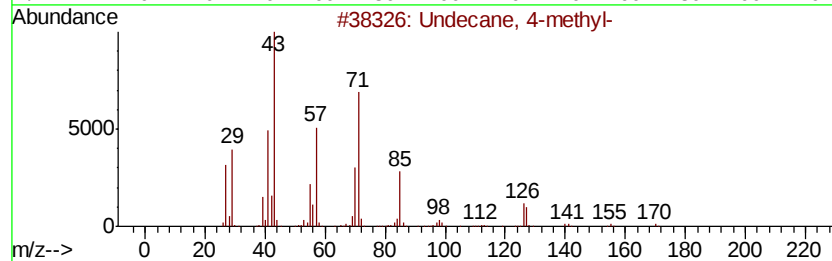
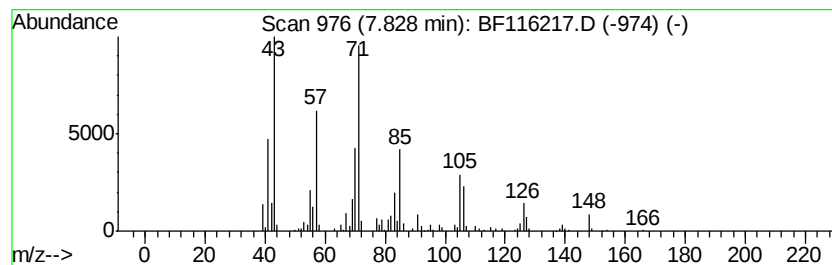
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	8.84 ng	278453	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	53	
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	43	
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	43	
4	Decane, 4-methyl-	156	C11H24	002847-72-5	38	
5	Octacosane	394	C28H58	000630-02-4	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Acq On : 13 Aug 2019 4:11
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Misc :
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Instrument :
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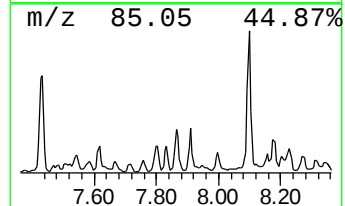
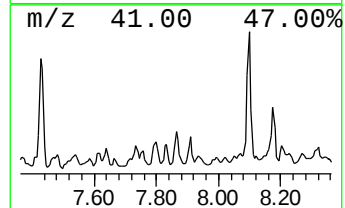
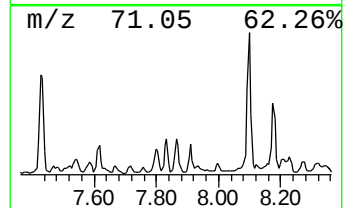
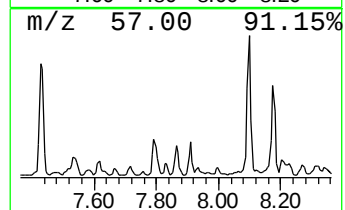
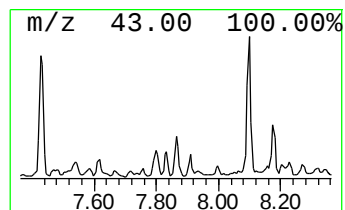
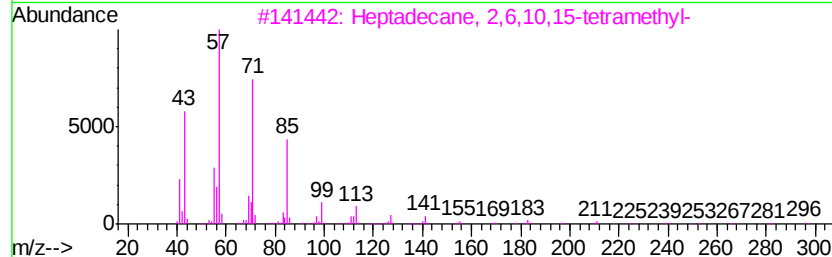
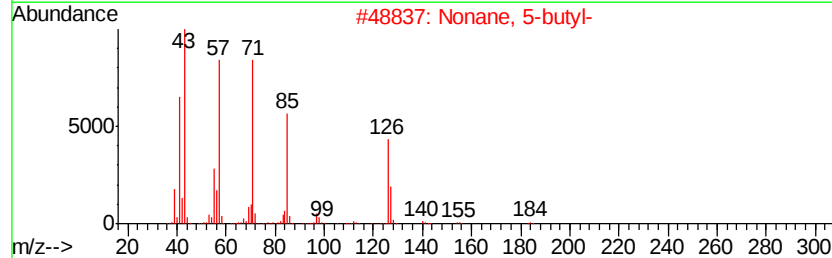
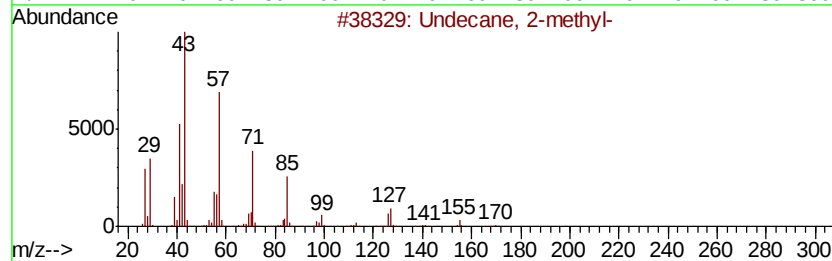
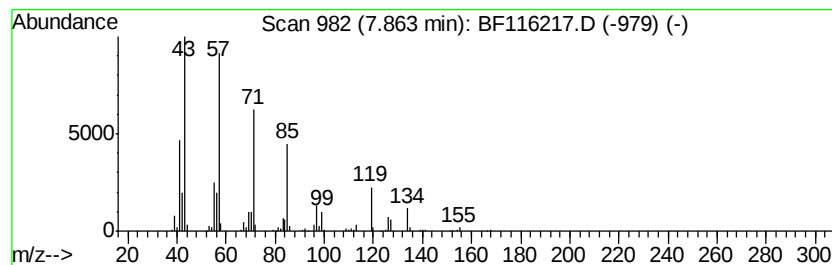
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	15.95 ng	502215	Napthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	64
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	53
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	53
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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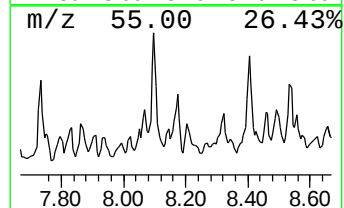
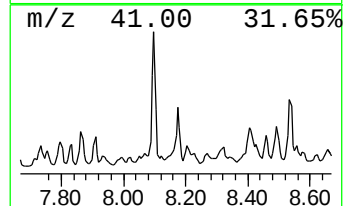
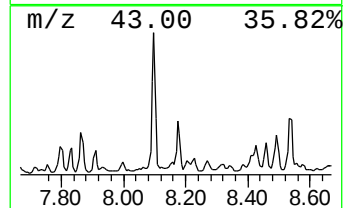
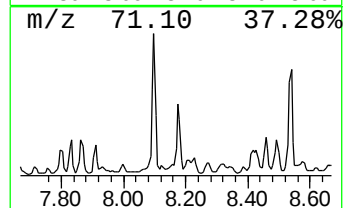
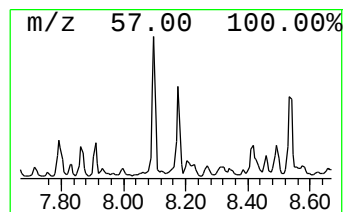
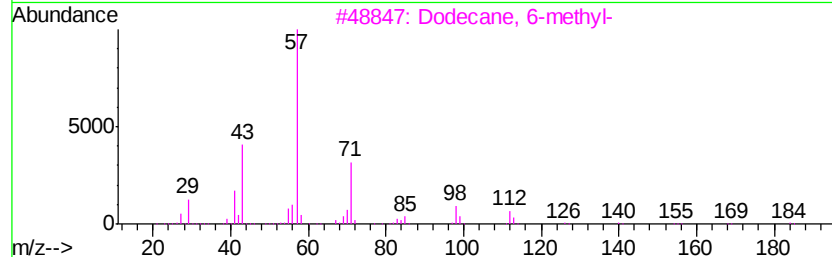
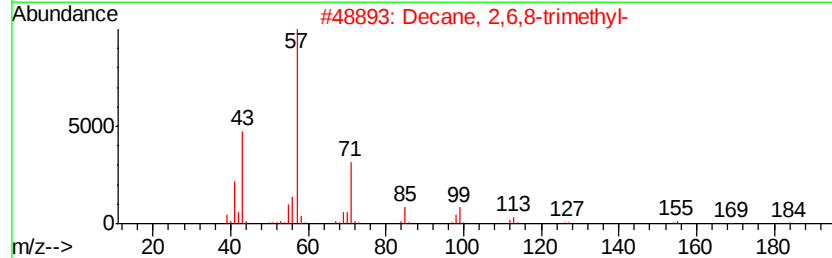
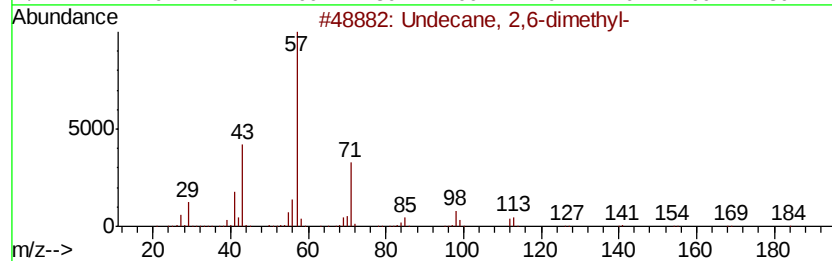
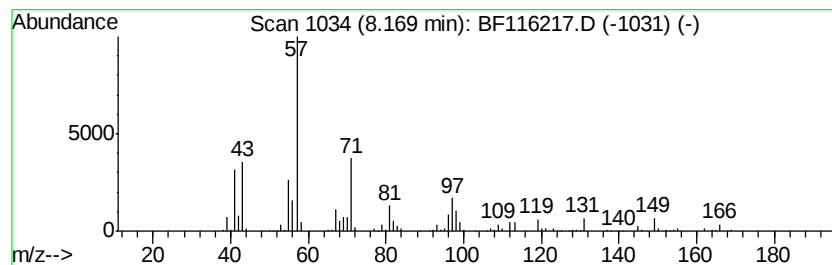
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	21.97 ng	691796	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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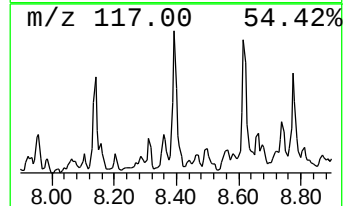
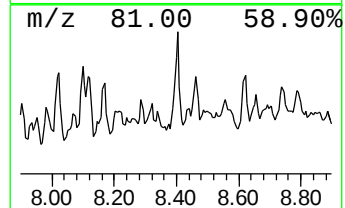
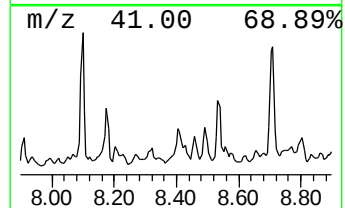
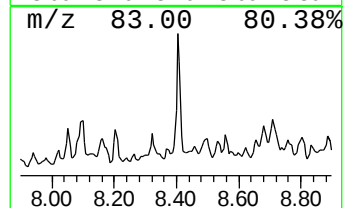
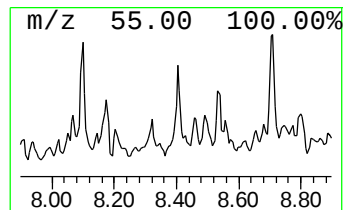
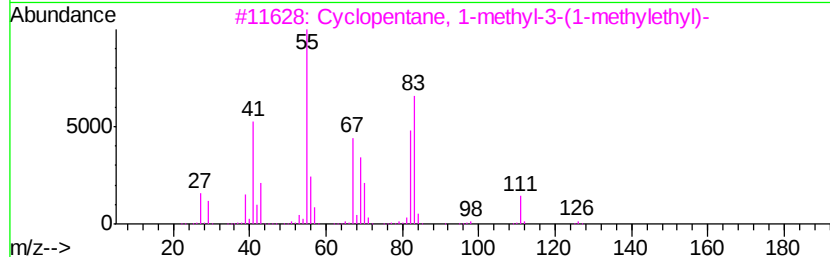
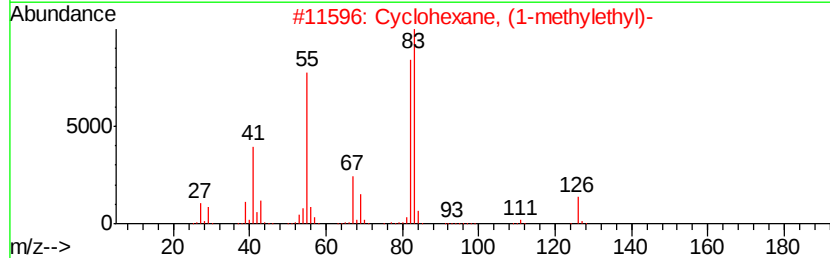
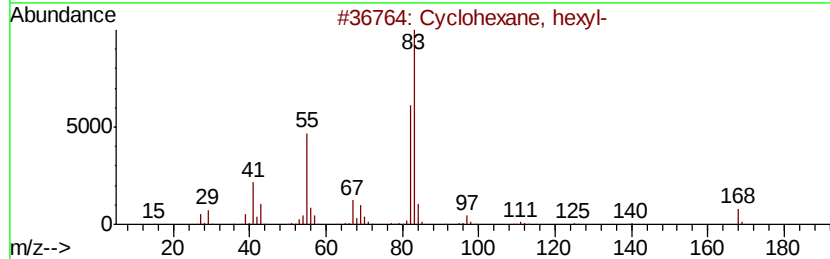
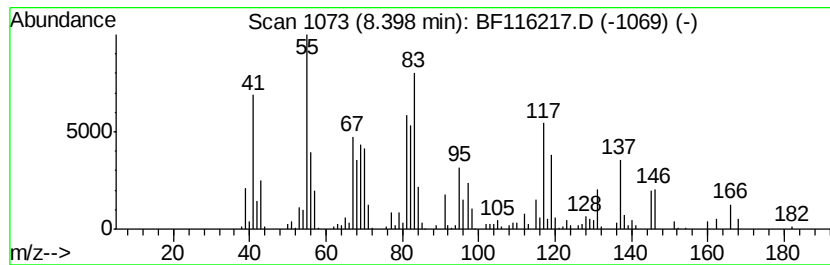
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.40 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	21.02 ng	661933	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	35
4		2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	30
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
Operator : HP/JU
Sample : K4085-01 5X
Misc :
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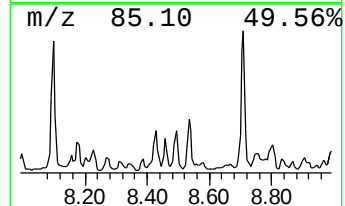
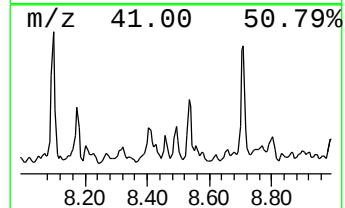
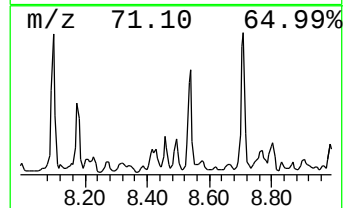
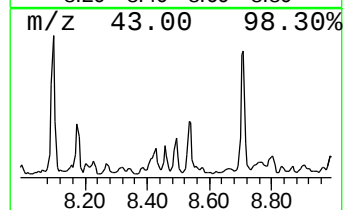
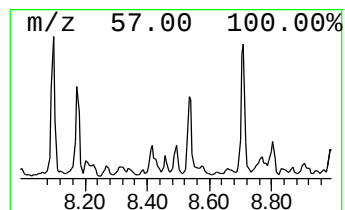
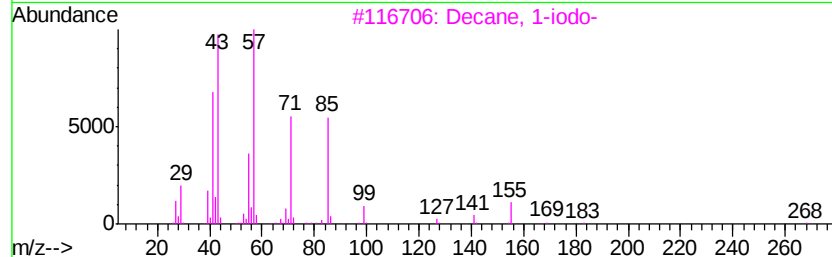
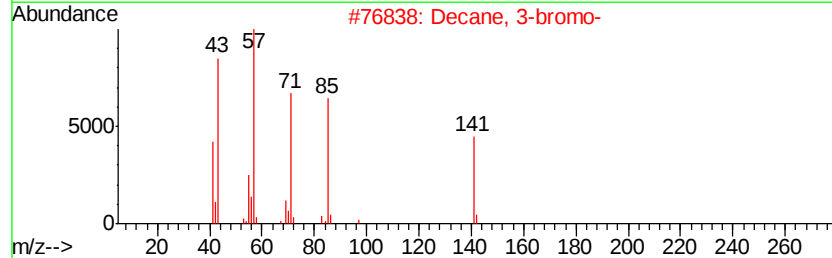
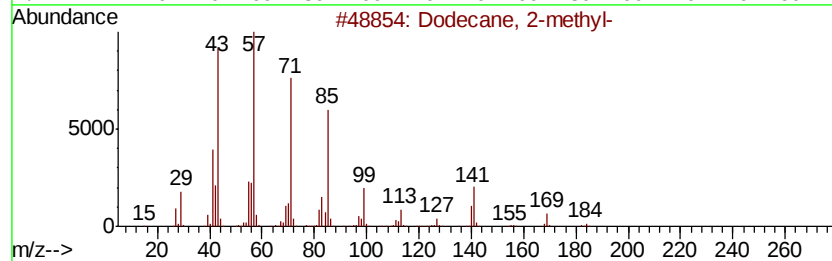
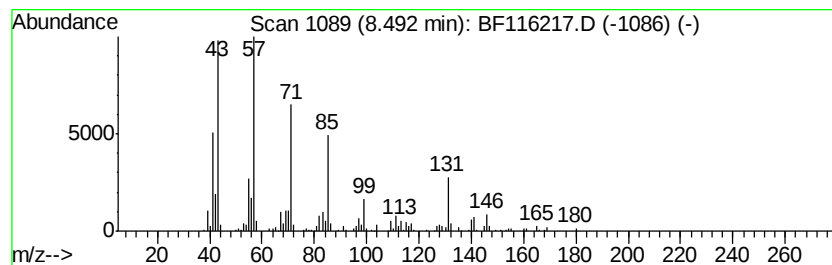
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	11.75 ng	370030	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	74
2	Decane, 3-bromo-	220 C10H21Br	030571-71-2	58
3	Decane, 1-iodo-	268 C10H21I	002050-77-3	53
4	Heptane, 3,4-dimethyl-	128 C9H20	000922-28-1	52
5	9-methylheptadecane	254 C18H38	026741-18-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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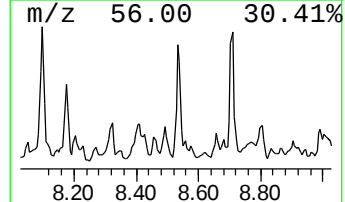
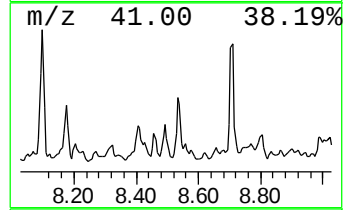
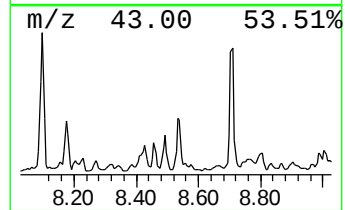
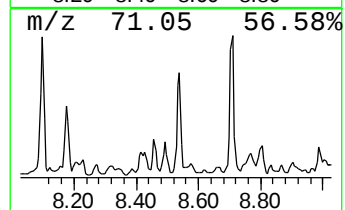
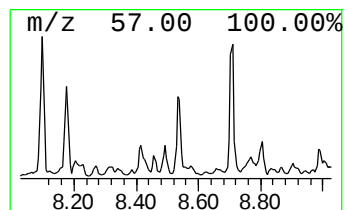
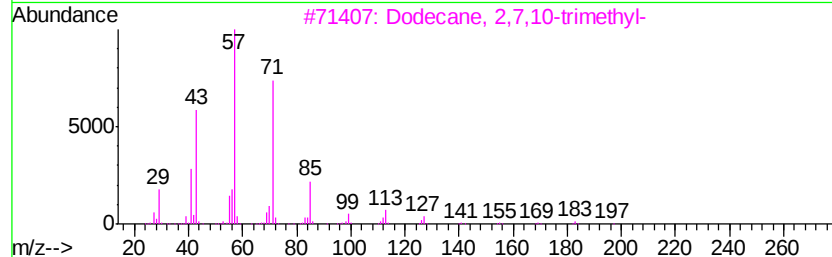
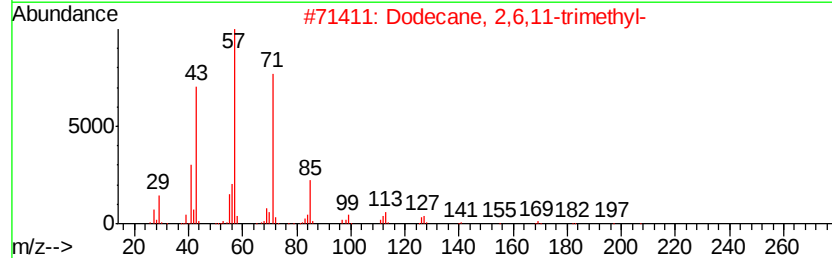
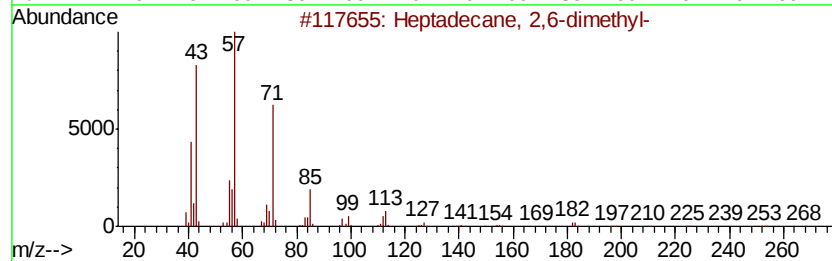
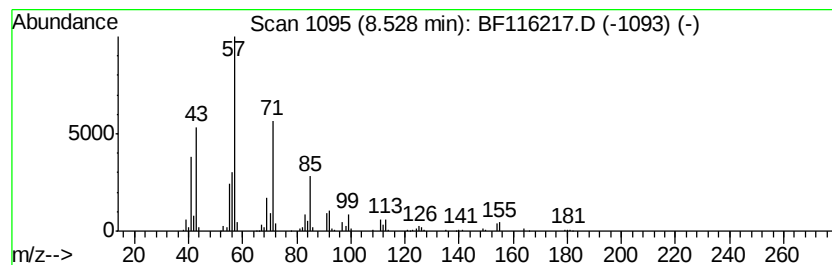
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	20.38 ng	641647	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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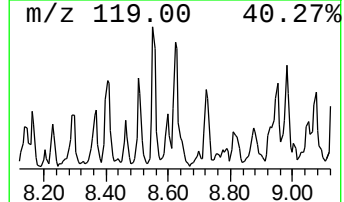
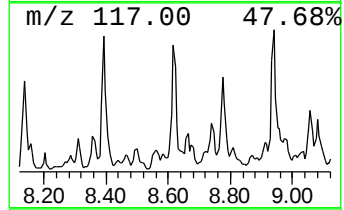
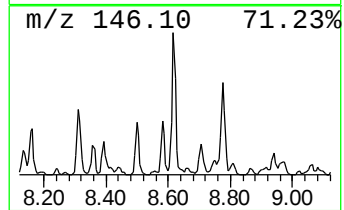
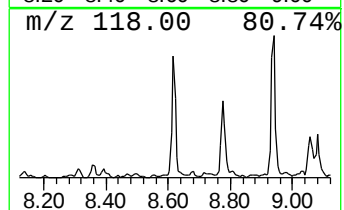
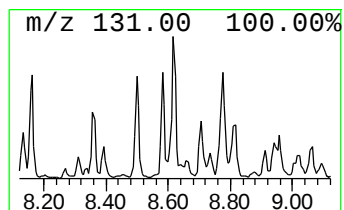
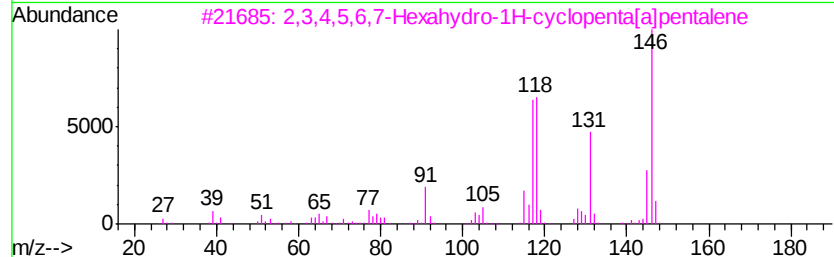
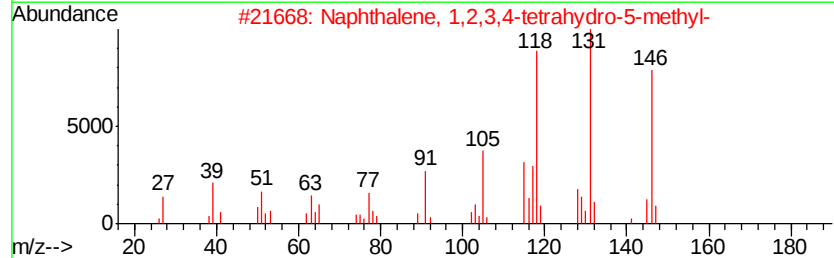
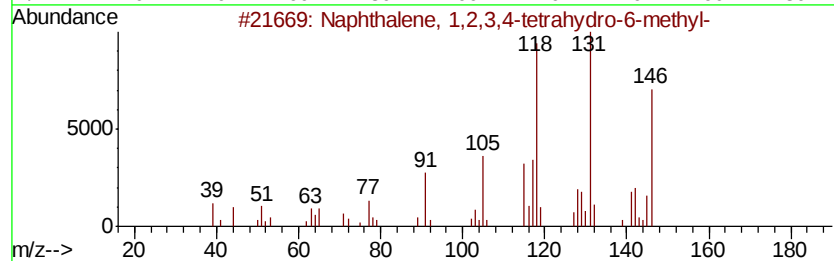
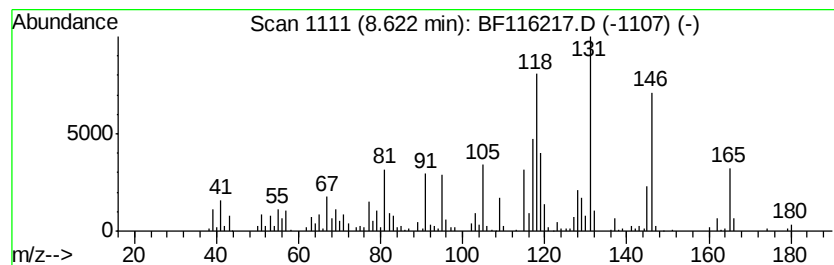
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	10.50 ng	330695	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



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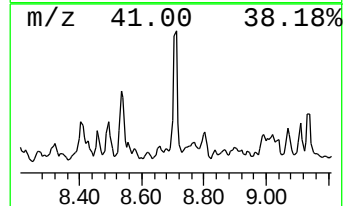
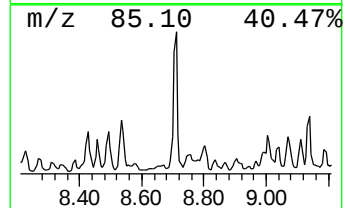
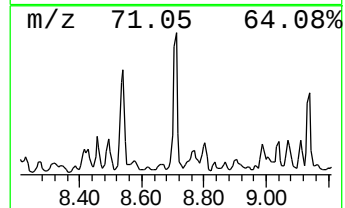
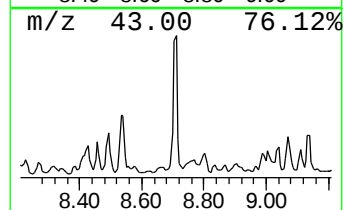
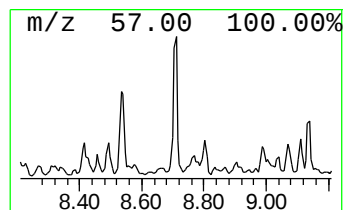
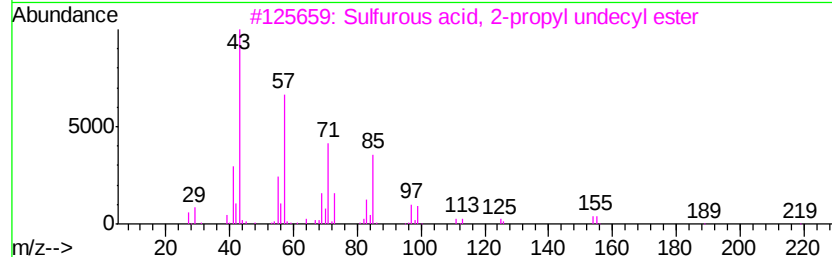
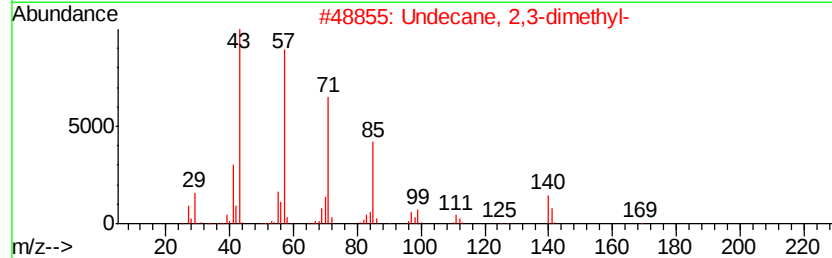
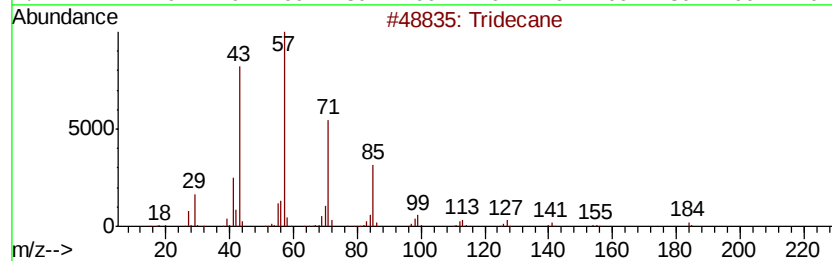
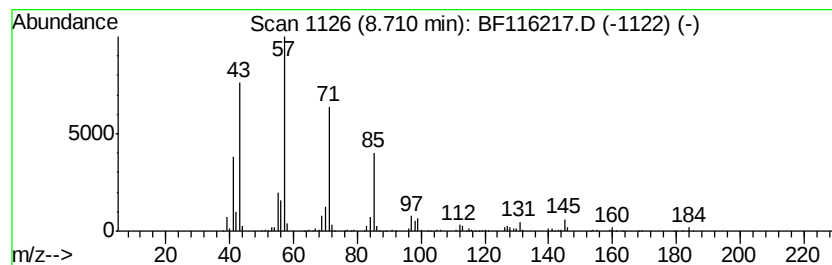
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	37.70 ng	1187290	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	93
2	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	86
3	Sulfurous acid, 2-propyl undecyl...	278 C14H30O3S	1000309-12-2	80
4	Tetradecane	198 C14H30	000629-59-4	80
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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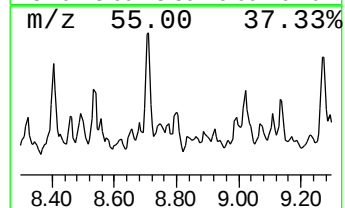
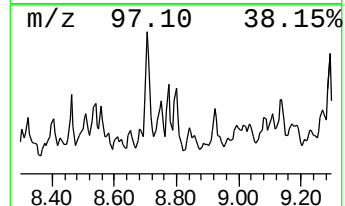
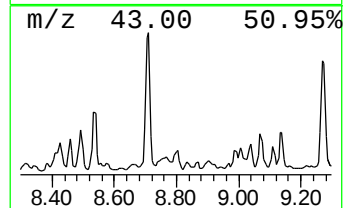
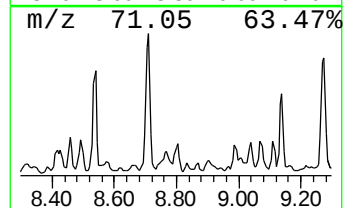
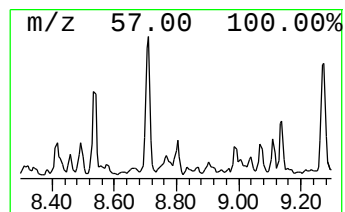
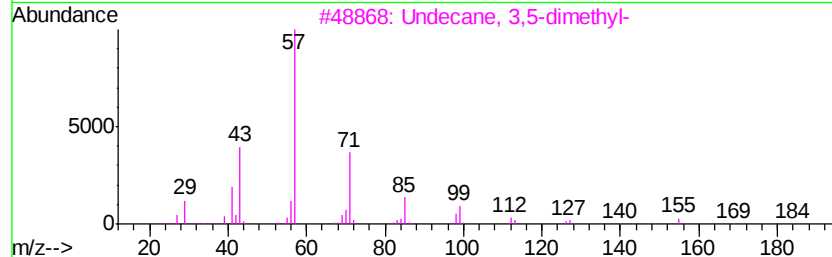
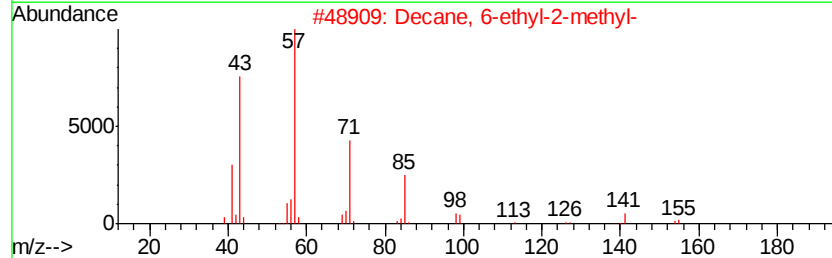
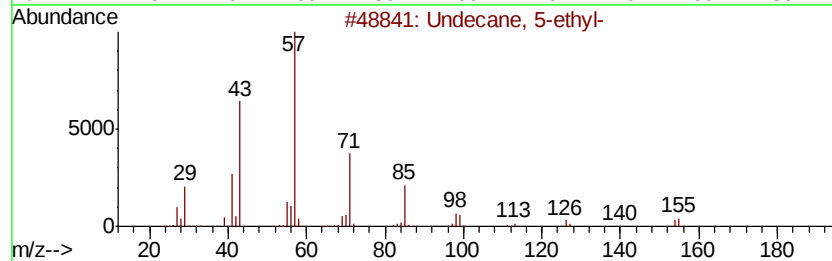
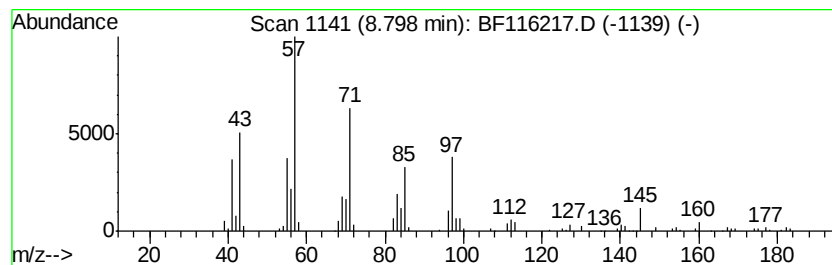
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 5-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.80	12.22 ng	384788	Napthalene-d8	8.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-		184	C13H28	017453-94-0	50
2	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	50
3	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	50
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	50
5	Octadecane, 6-methyl-		268	C19H40	010544-96-4	43



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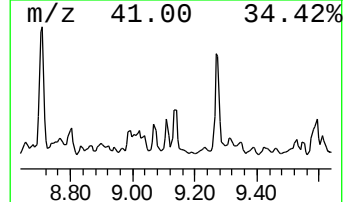
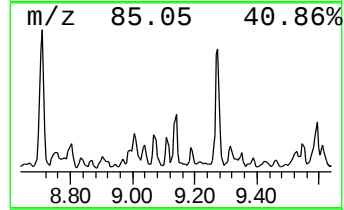
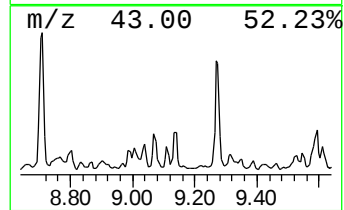
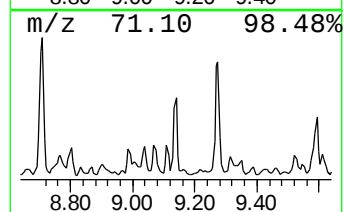
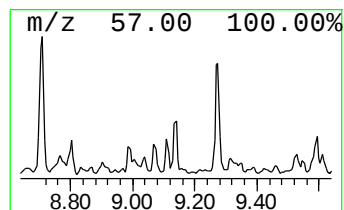
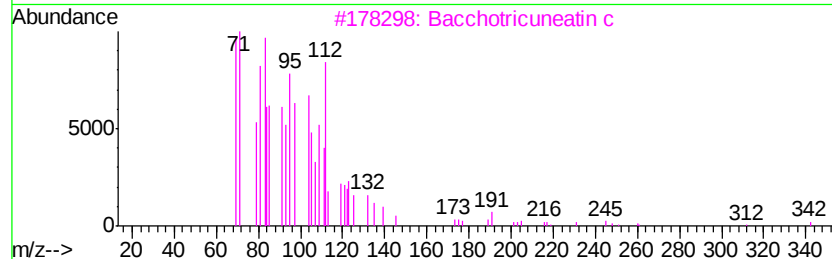
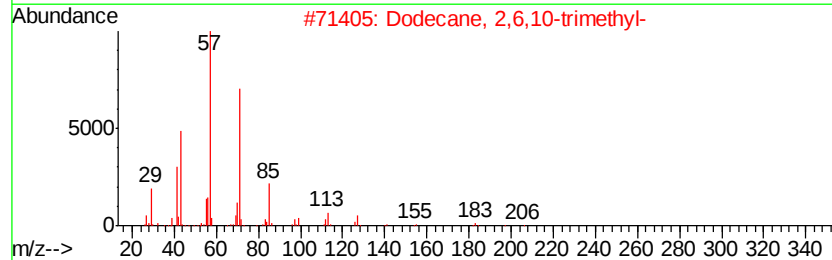
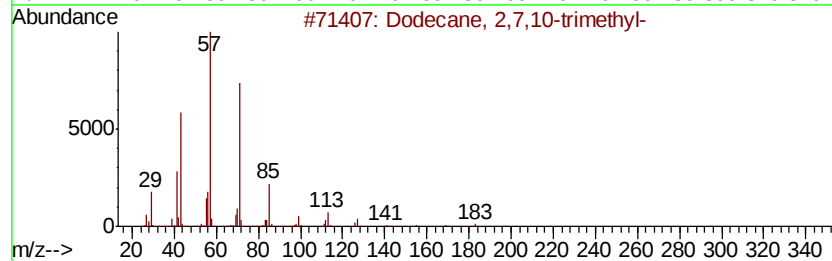
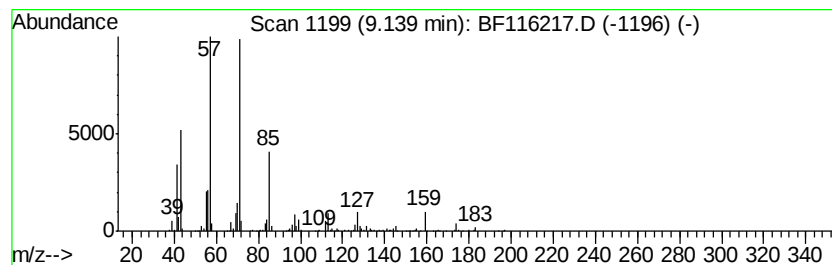
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	12.40 ng	610213	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
HR-05-080919-A

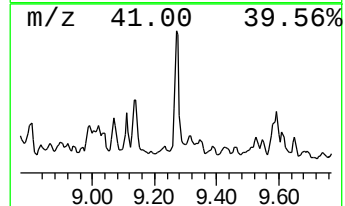
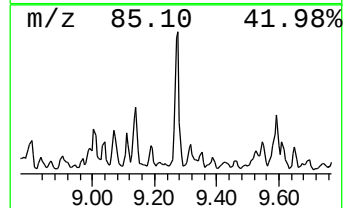
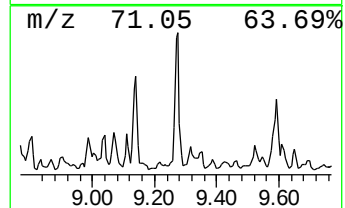
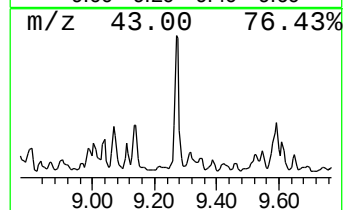
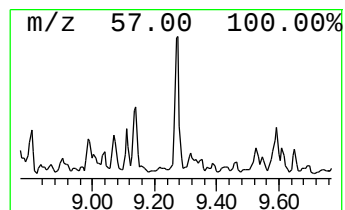
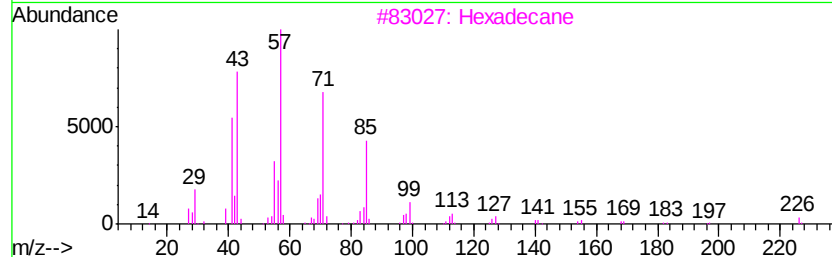
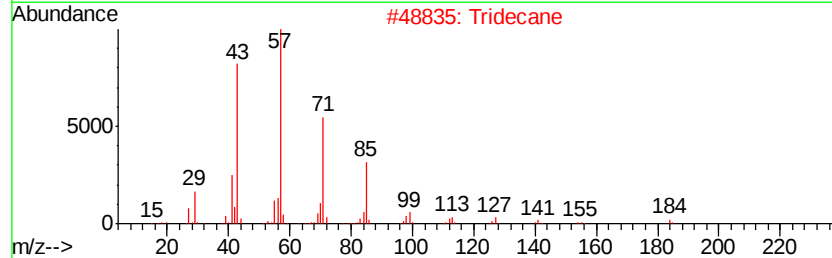
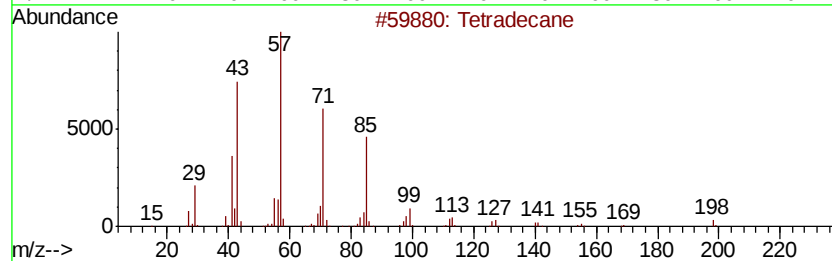
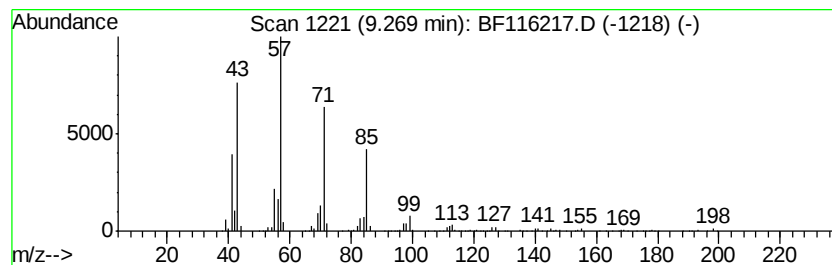
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	22.41 ng	1102870	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
Operator : HP/JU
Sample : K4085-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

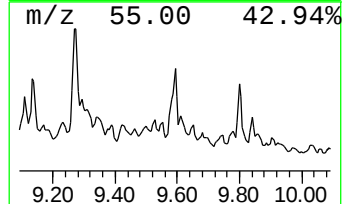
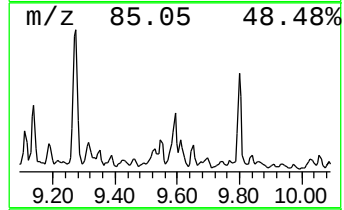
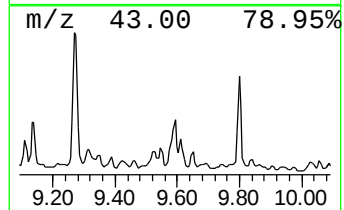
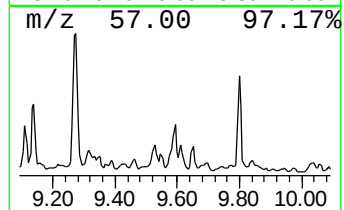
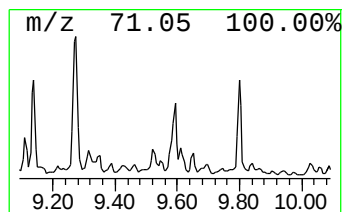
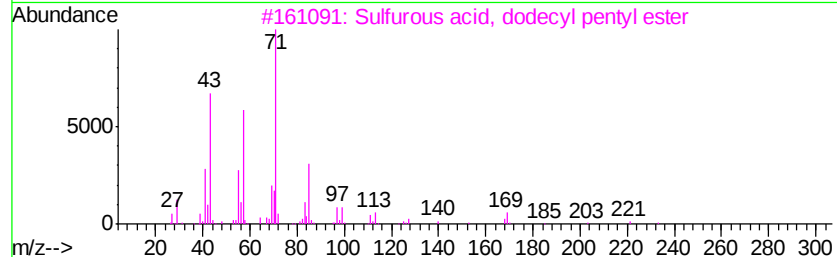
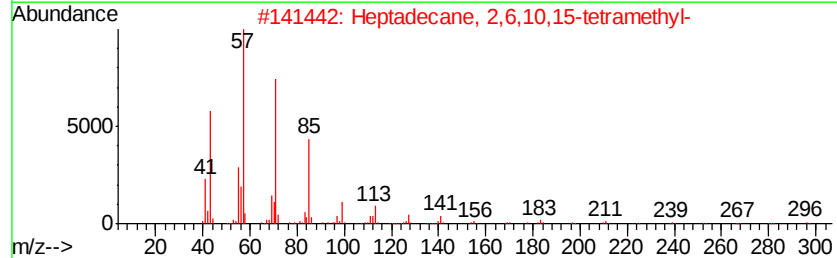
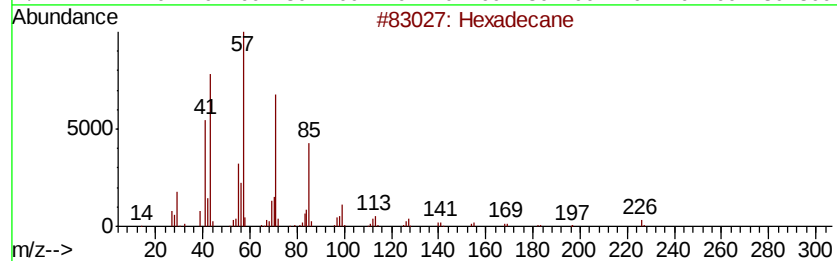
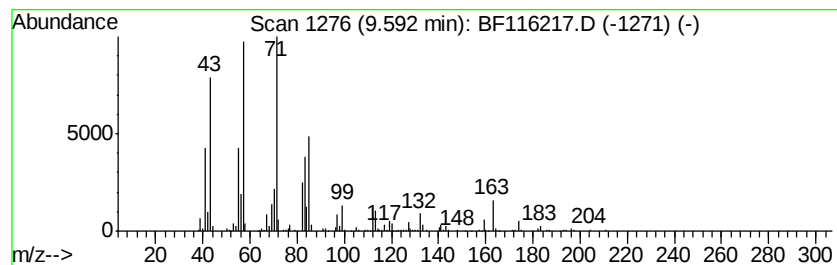
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	14.58 ng	717533	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	58
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
3		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	50
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116217.D
Acq On : 13 Aug 2019 4:11
Operator : HP/JU
Sample : K4085-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

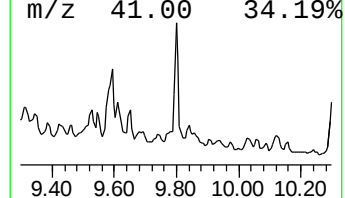
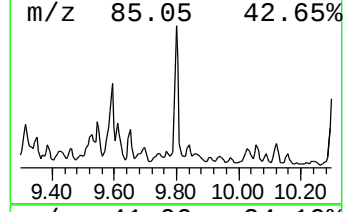
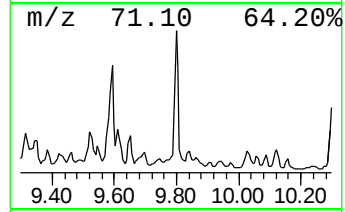
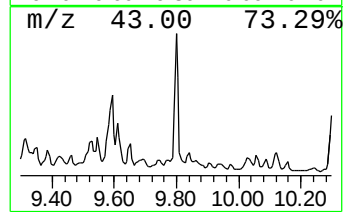
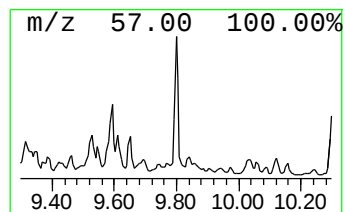
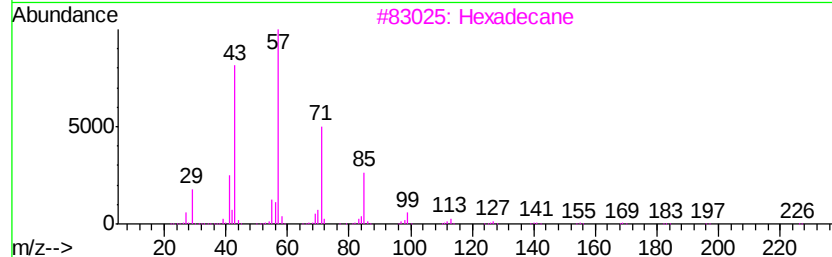
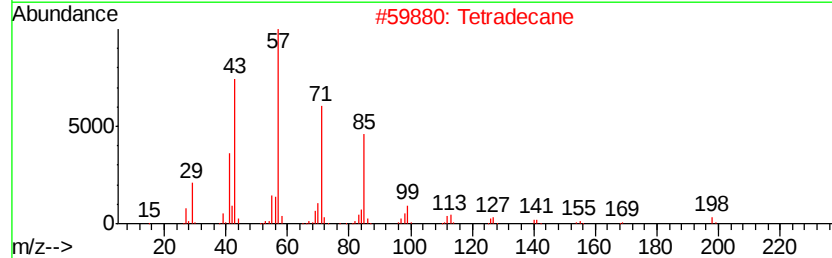
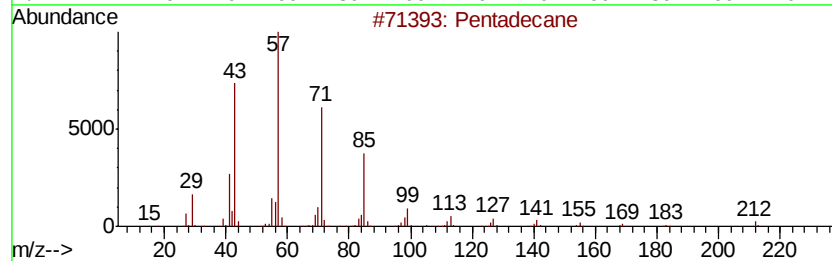
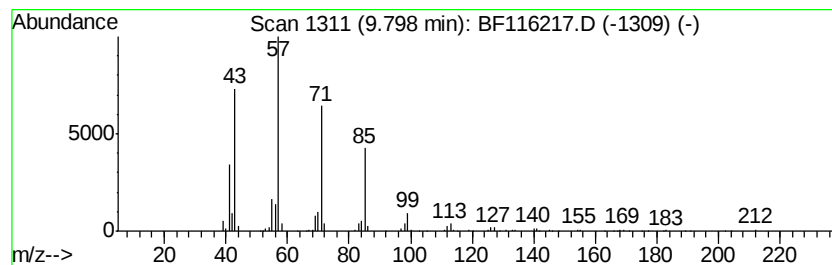
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	10.58 ng	520620	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	83
3		Hexadecane	226	C16H34	000544-76-3	80
4		9-methylheptadecane	254	C18H38	026741-18-4	78
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116217.D
 Acq On : 13 Aug 2019 4:11
 Operator : HP/JU
 Sample : K4085-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
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Decane	6.67	9.1	ng	394125	1	6.83	868622	20.0
unknown7.48	7.48	11.8	ng	370352	2	8.12	629832	20.0
trans-Decalin, 2-...	7.64	9.5	ng	298846	2	8.12	629832	20.0
Cyclohexane, propyl-	7.73	12.6	ng	396153	2	8.12	629832	20.0
Sulfurous acid, 2...	7.80	9.0	ng	283669	2	8.12	629832	20.0
Undecane, 4-methyl-	7.83	8.8	ng	278453	2	8.12	629832	20.0
Undecane, 2-methyl-	7.86	15.9	ng	502215	2	8.12	629832	20.0
Undecane, 2,6-dim...	8.17	22.0	ng	691796	2	8.12	629832	20.0
unknown8.40	8.40	21.0	ng	661933	2	8.12	629832	20.0
Dodecane, 2-methyl-	8.49	11.8	ng	370030	2	8.12	629832	20.0
Heptadecane, 2,6-...	8.53	20.4	ng	641647	2	8.12	629832	20.0
Naphthalene, 1,2,...	8.62	10.5	ng	330695	2	8.12	629832	20.0
Tridecane	8.71	37.7	ng	1187290	2	8.12	629832	20.0
Undecane, 5-ethyl-	8.80	12.2	ng	384788	2	8.12	629832	20.0
Dodecane, 2,7,10-...	9.14	12.4	ng	610213	3	9.87	984345	20.0
Tetradecane	9.27	22.4	ng	1102870	3	9.87	984345	20.0
Hexadecane	9.59	14.6	ng	717533	3	9.87	984345	20.0
Pentadecane	9.80	10.6	ng	520620	3	9.87	984345	20.0