

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
 Data File : BF111831.D
 Acq On : 3 Jan 2019 19:54
 Operator : JU/SJ
 Sample : K1019-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-GLICAL-PILE

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-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	11	15	24	rVB	109317	148094	1.90%	0.150%
2	2.369	44	48	58	rBV	189495	292274	3.74%	0.295%
3	3.422	219	227	233	rBV	64178	136333	1.75%	0.138%
4	5.122	511	516	522	rVB	248794	338130	4.33%	0.341%
5	5.539	581	587	590	rVB	4771126	4782592	61.26%	4.829%
6	6.186	695	697	700	rVB	102104	85540	1.10%	0.086%
7	6.351	719	725	729	rBV5	59020	103740	1.33%	0.105%
8	6.439	737	740	742	rBV3	98725	111709	1.43%	0.113%
9	6.545	753	758	762	rBV	4921333	5362755	68.69%	5.415%
10	6.681	776	781	784	rVB	5439849	5105806	65.40%	5.155%
11	6.739	787	791	794	rBV3	140377	180582	2.31%	0.182%
12	6.904	815	819	826	rVB	2473966	2403282	30.78%	2.427%
13	6.963	826	829	831	rBV	168503	166671	2.13%	0.168%
14	7.063	841	846	849	rBV	4331414	3974630	50.91%	4.013%
15	7.086	849	850	856	rVB3	134056	124514	1.59%	0.126%
16	7.181	860	866	869	rVB3	175537	179668	2.30%	0.181%
17	7.210	869	871	874	rBV2	80868	100444	1.29%	0.101%
18	7.239	874	876	880	rVB2	100049	108832	1.39%	0.110%
19	7.298	880	886	888	rBV2	153489	247383	3.17%	0.250%
20	7.392	899	902	905	rVB3	90568	89625	1.15%	0.090%
21	7.463	905	914	916	rBV	3568690	3502809	44.87%	3.537%
22	7.498	916	920	924	rVB2	228857	265223	3.40%	0.268%
23	7.551	924	929	932	rBV4	144893	212958	2.73%	0.215%
24	7.610	936	939	944	rVB2	99714	132570	1.70%	0.134%
25	7.828	974	976	980	rBV3	128638	121991	1.56%	0.123%
26	7.869	980	983	986	rVB2	95682	106990	1.37%	0.108%
27	7.904	986	989	991	rBV3	103223	93058	1.19%	0.094%
28	7.928	991	993	996	rBV3	132788	148171	1.90%	0.150%
29	8.010	1004	1007	1012	rVB4	72558	112160	1.44%	0.113%
30	8.057	1012	1015	1019	rBV3	70602	104645	1.34%	0.106%
31	8.122	1020	1026	1032	rVV	6109111	7197310	92.19%	7.267%
32	8.186	1032	1037	1039	rVV	2499502	2277830	29.18%	2.300%
33	8.204	1039	1040	1043	rVV	445934	339490	4.35%	0.343%
34	8.245	1044	1047	1050	rVB	343847	278569	3.57%	0.281%

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35	8.275	1050	1052	1055	rBV3	92171	79190	1.01%	0.080%
36	8.363	1063	1067	1070	rBV	2907198	2340721	29.98%	2.363%
37	8.422	1074	1077	1080	rBV	3107948	2945836	37.73%	2.974%
38	8.451	1080	1082	1085	rVV	1848194	1365864	17.50%	1.379%
39	8.480	1085	1087	1092	rVB4	352852	344001	4.41%	0.347%
40	8.528	1093	1095	1098	rVB4	101032	95132	1.22%	0.096%
41	8.563	1098	1101	1104	rBV4	149998	178069	2.28%	0.180%
42	8.604	1104	1108	1111	rBV2	789019	818255	10.48%	0.826%
43	8.686	1118	1122	1125	rBV	296030	343913	4.41%	0.347%
44	8.716	1125	1127	1131	rVV2	338772	394880	5.06%	0.399%
45	8.775	1134	1137	1141	rVB2	196886	206376	2.64%	0.208%
46	8.839	1146	1148	1151	rVV4	129463	158396	2.03%	0.160%
47	8.875	1151	1154	1156	rVV2	185296	209410	2.68%	0.211%
48	8.898	1156	1158	1160	rVB	316154	236693	3.03%	0.239%
49	8.963	1166	1169	1172	rBV4	67215	103047	1.32%	0.104%
50	8.992	1172	1174	1178	rVB	227797	204389	2.62%	0.206%
51	9.057	1183	1185	1187	rBV	126996	136837	1.75%	0.138%
52	9.092	1189	1191	1195	rVB2	156293	198263	2.54%	0.200%
53	9.139	1195	1199	1203	rBV2	147783	219671	2.81%	0.222%
54	9.180	1203	1206	1208	rBV	181511	137841	1.77%	0.139%
55	9.204	1208	1210	1215	rVB	650595	517875	6.63%	0.523%
56	9.257	1215	1219	1222	rBV	5898042	5134574	65.77%	5.184%
57	9.339	1229	1233	1238	rBV5	479793	757577	9.70%	0.765%
58	9.386	1238	1241	1243	rBV2	76163	93943	1.20%	0.095%
59	9.457	1250	1253	1256	rVB2	153720	146379	1.87%	0.148%
60	9.527	1261	1265	1268	rVV2	191310	258179	3.31%	0.261%
61	9.598	1273	1277	1279	rVV	2846732	2514937	32.21%	2.539%
62	9.622	1279	1281	1283	rVV2	373398	321226	4.11%	0.324%
63	9.651	1283	1286	1290	rVV3	1503364	1904460	24.39%	1.923%
64	9.716	1294	1297	1300	rVV3	199703	212836	2.73%	0.215%
65	9.751	1300	1303	1307	rVB2	672482	692318	8.87%	0.699%
66	9.810	1309	1313	1316	rVB3	208321	261459	3.35%	0.264%
67	9.857	1318	1321	1324	rVV2	337194	448317	5.74%	0.453%
68	9.898	1324	1328	1332	rVV	7066651	7807129	100.00%	7.883%
69	9.939	1332	1335	1339	rVV2	2384748	2599498	33.30%	2.625%
70	9.974	1339	1341	1345	rVB	505847	399985	5.12%	0.404%
71	10.045	1351	1353	1358	rBV3	126809	146962	1.88%	0.148%

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72	10.145	1365	1370	1373	rBV	4861603	4577034	58.63%	4.621%
73	10.186	1374	1377	1382	rVB4	408528	479320	6.14%	0.484%
74	10.227	1382	1384	1386	rVB2	122315	82666	1.06%	0.083%
75	10.263	1386	1390	1391	rBV3	205167	241933	3.10%	0.244%
76	10.280	1391	1393	1395	rBV2	186358	125091	1.60%	0.126%
77	10.310	1395	1398	1401	rVB	1337298	1171051	15.00%	1.182%
78	10.351	1402	1405	1407	rBV3	333317	319032	4.09%	0.322%
79	10.486	1425	1428	1432	rBV	389546	398975	5.11%	0.403%
80	10.527	1432	1435	1438	rVV2	218010	245873	3.15%	0.248%
81	10.592	1444	1446	1453	rVB2	318644	388657	4.98%	0.392%
82	10.674	1458	1460	1463	rBV2	140096	116378	1.49%	0.118%
83	10.727	1465	1469	1474	rVV	2876892	2867095	36.72%	2.895%
84	10.857	1486	1491	1494	rBV2	421129	547164	7.01%	0.552%
85	10.898	1496	1498	1501	rVV	524625	447223	5.73%	0.452%
86	11.163	1541	1543	1545	rBV2	205705	189184	2.42%	0.191%
87	11.192	1545	1548	1552	rVV	1450188	1389870	17.80%	1.403%
88	11.286	1561	1564	1567	rBV3	543412	579757	7.43%	0.585%
89	11.327	1568	1571	1575	rVB3	388692	386025	4.94%	0.390%
90	11.374	1576	1579	1581	rBV	1936020	1569459	20.10%	1.585%
91	11.398	1581	1583	1585	rVB	454795	329830	4.22%	0.333%
92	11.427	1585	1588	1590	rBV	1980800	1764881	22.61%	1.782%
93	11.451	1590	1592	1594	rVB	1085499	751293	9.62%	0.759%
94	11.951	1675	1677	1680	rBV2	502569	486444	6.23%	0.491%
95	12.645	1792	1795	1799	rBV	1047919	1062623	13.61%	1.073%
96	12.686	1800	1802	1807	rVB2	803964	755416	9.68%	0.763%
97	13.015	1854	1858	1866	rBV	3545863	3898376	49.93%	3.936%

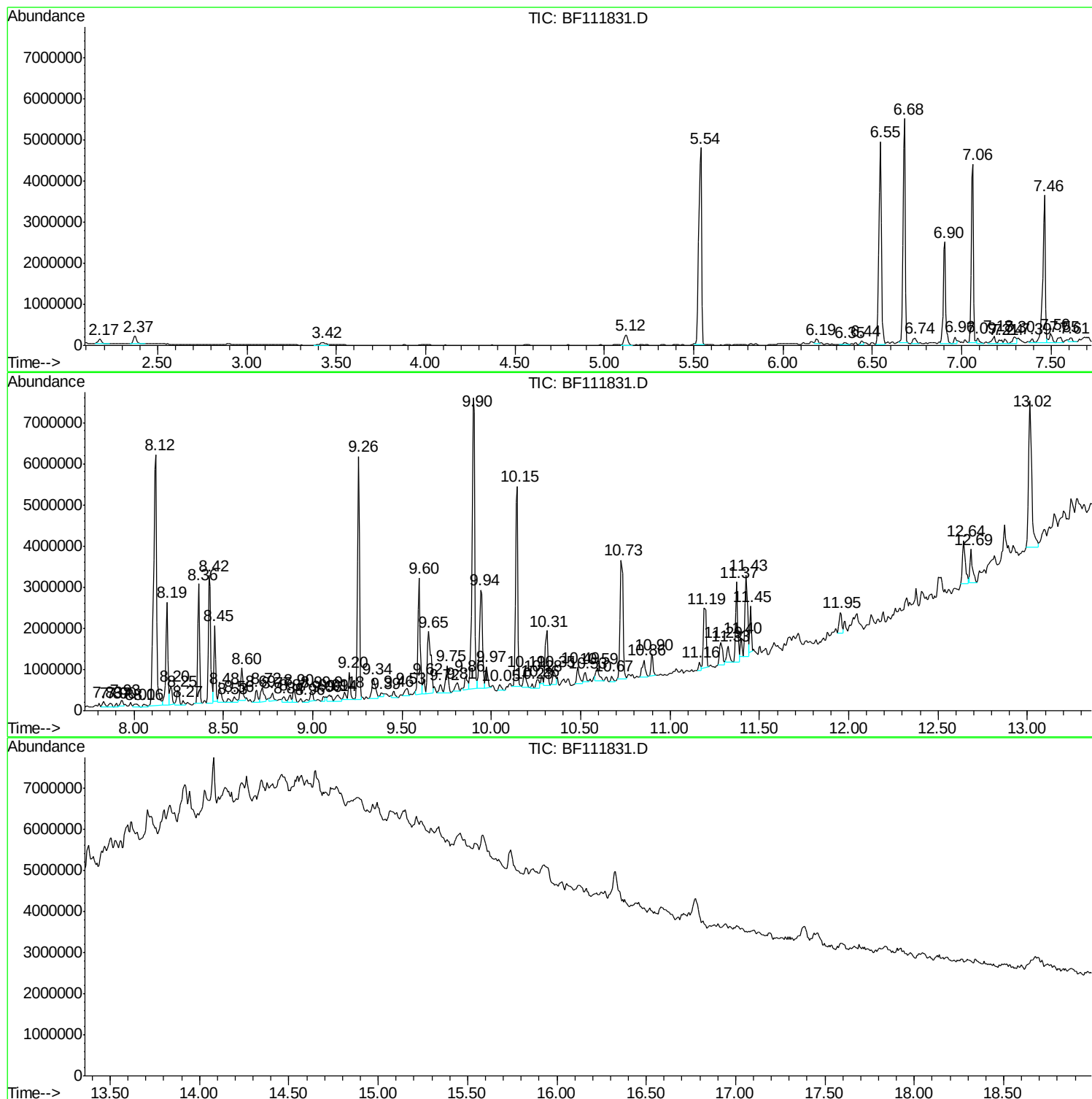
Sum of corrected areas: 99041466

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.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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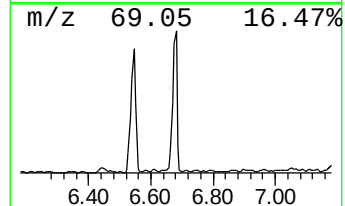
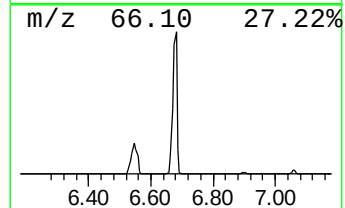
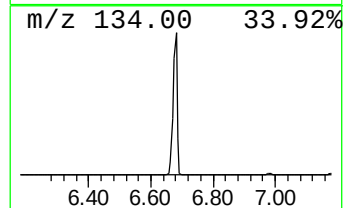
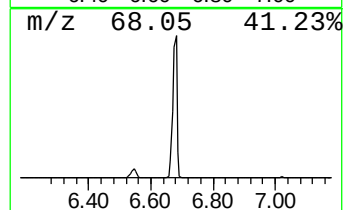
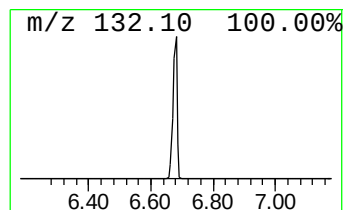
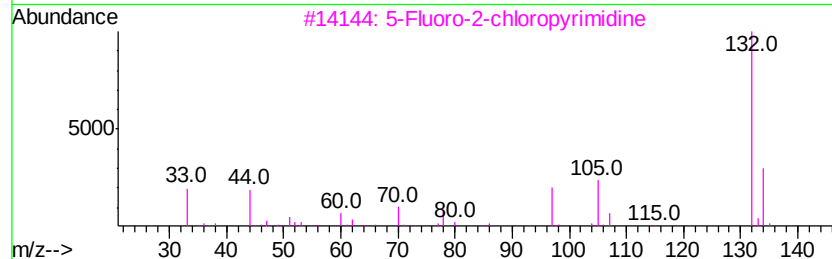
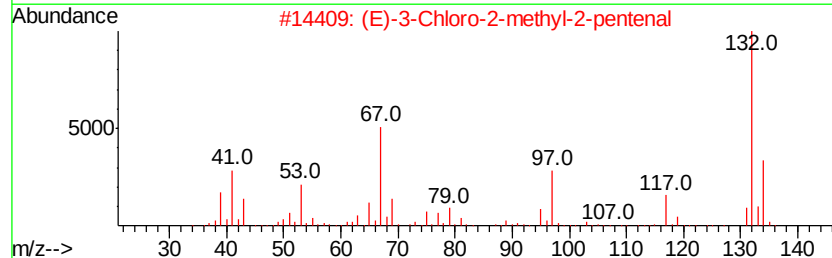
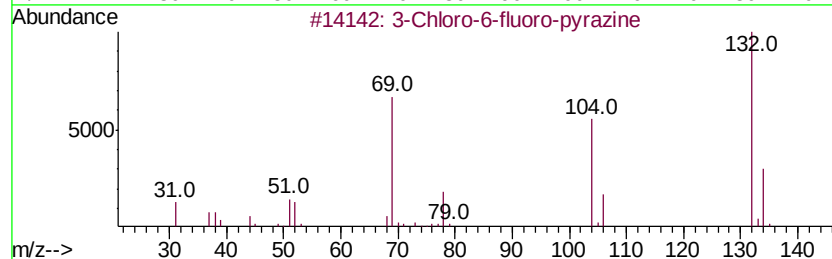
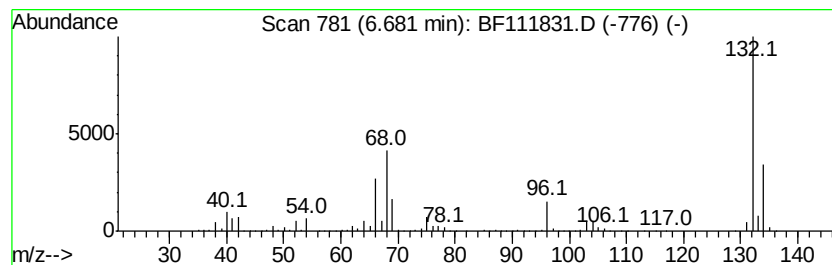
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	42.49 ng	5105810	1,4-Dichlorobenzene-d4	6.90

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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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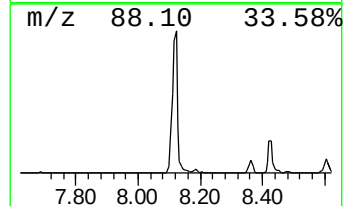
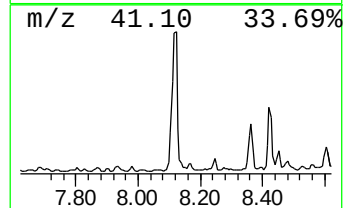
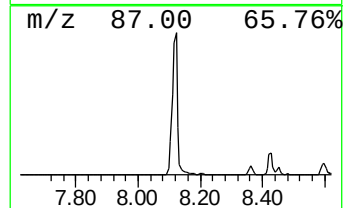
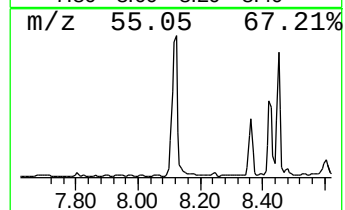
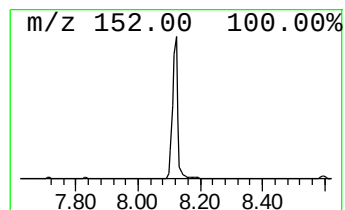
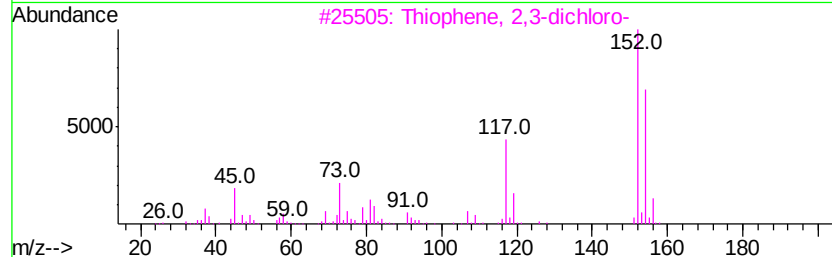
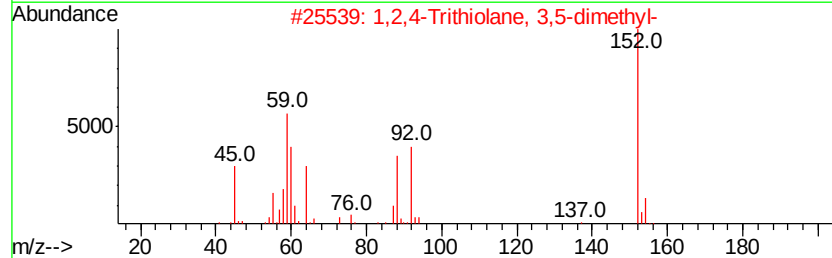
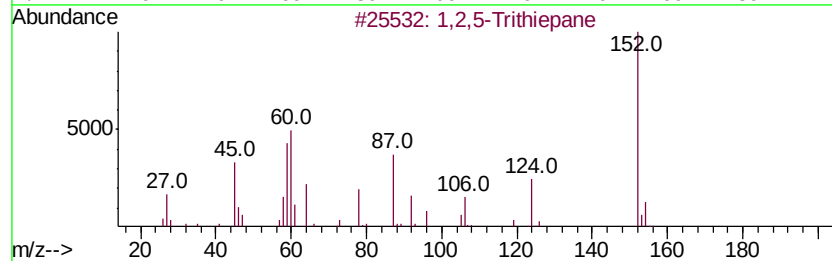
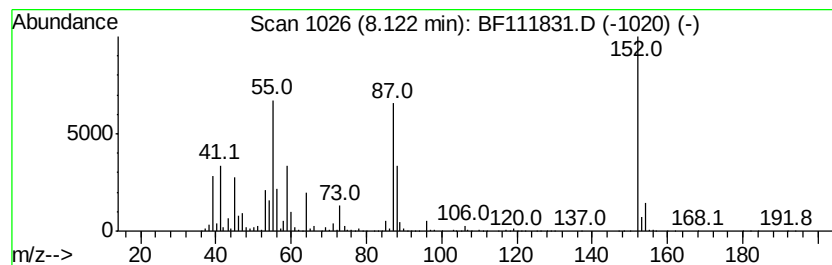
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,2,5-Trithiepane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	63.19 ng	7197310	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	50
2		1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	23
3		Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	16
4		8-Azaquanine	152	C4H4N6O	000134-58-7	14
5		Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	14



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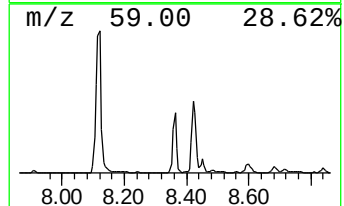
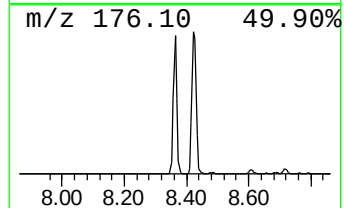
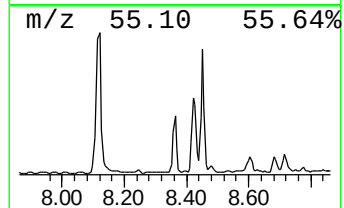
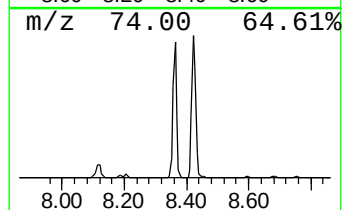
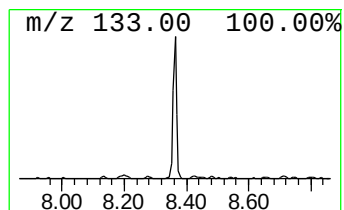
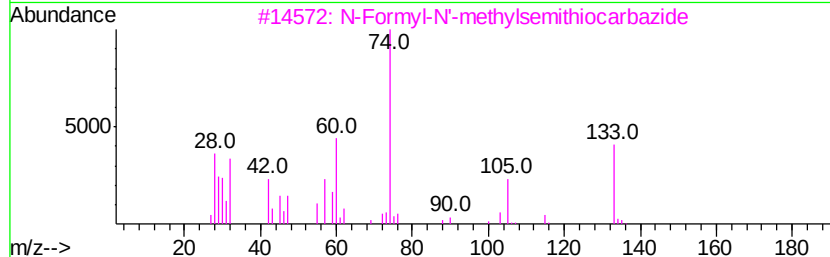
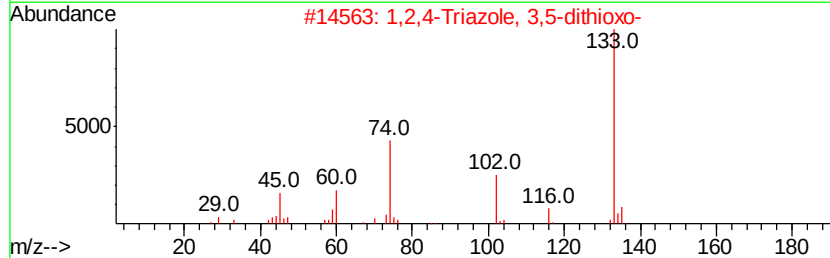
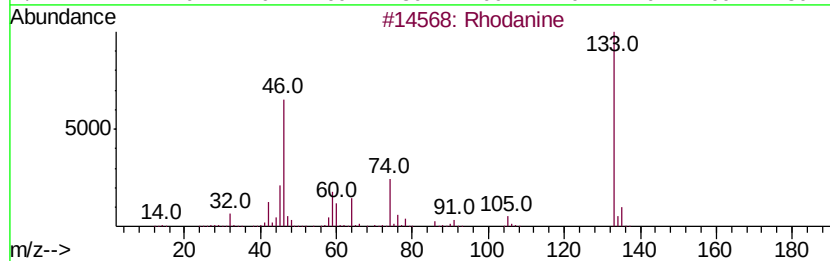
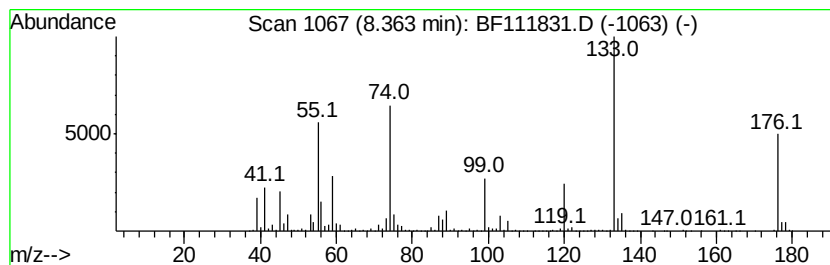
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Peak Number 4 unknown8.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	20.55 ng	2340720	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Rhodanine	133	C3H3NOS2	000141-84-4	38
2		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	38
3		N-Formyl-N'-methylsemithiocarbazide	133	C3H7N3OS	058064-52-1	38
4		Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	35
5		2H-1-Benzopyran-2-one, 7-methoxy-	176	C10H8O3	000531-59-9	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
Operator : JU/SJ
Sample : K1019-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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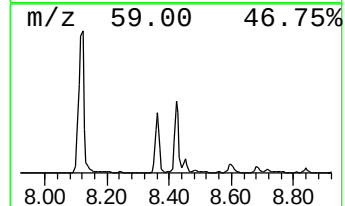
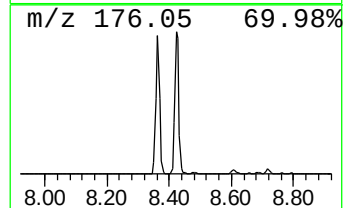
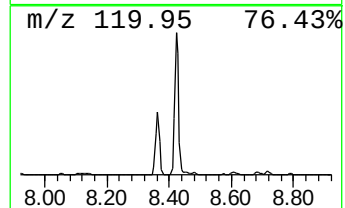
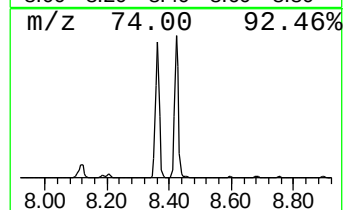
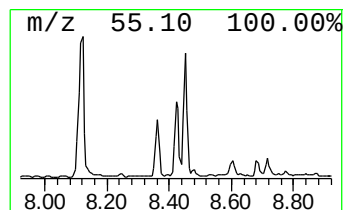
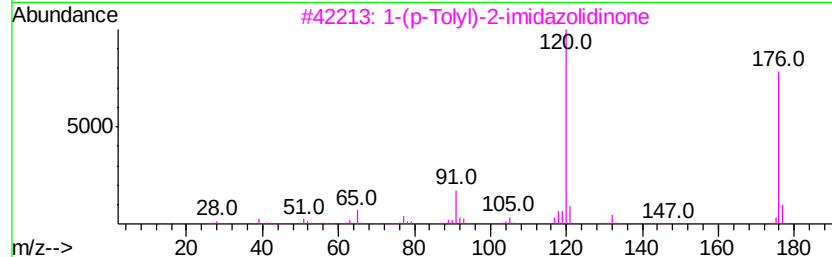
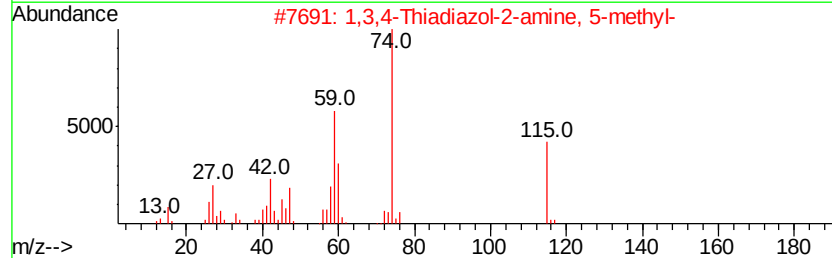
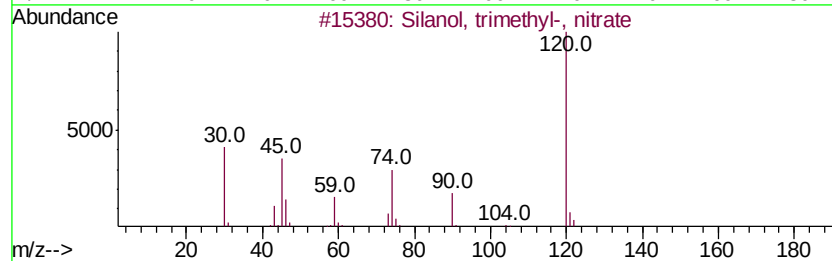
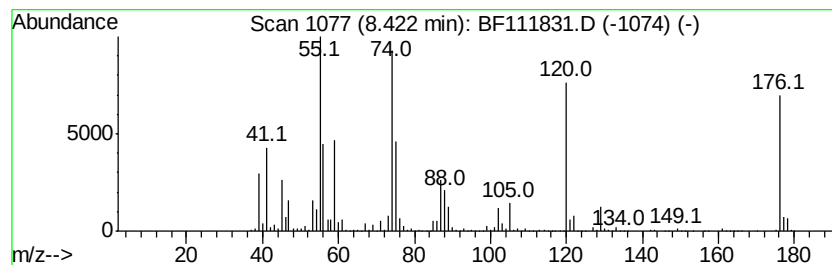
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	25.87 ng	2945840	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silanol, trimethyl-, nitrate	135	C3H9N03Si	018026-82-9	37
2		1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	22
3		1-(p-Tolyl)-2-imidazolidinone	176	C10H12N2O	090917-76-3	18
4		DL-Phenylalanine	165	C9H11NO2	000150-30-1	16
5		tert-Butyldimethylsilyl nitrate	177	C6H15N03Si	1000366-62-6	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
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Sample : K1019-05
Misc :
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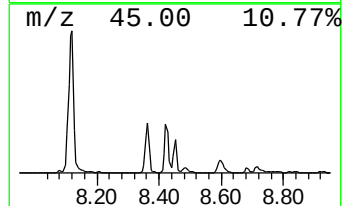
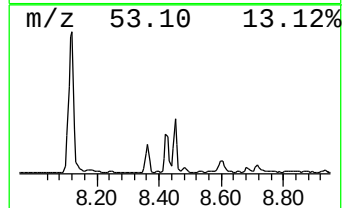
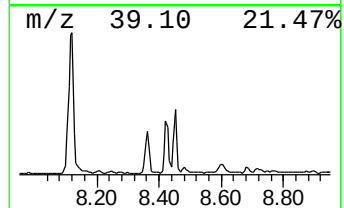
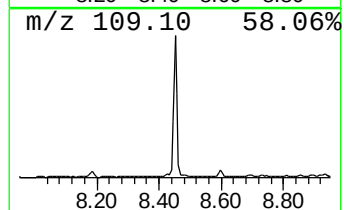
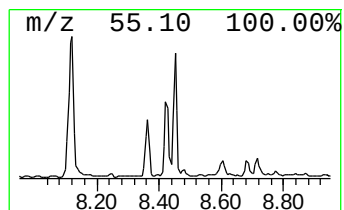
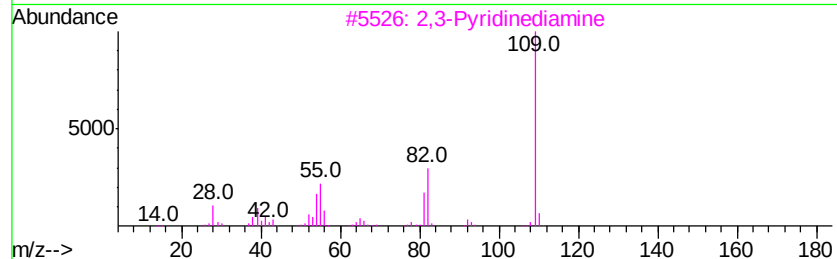
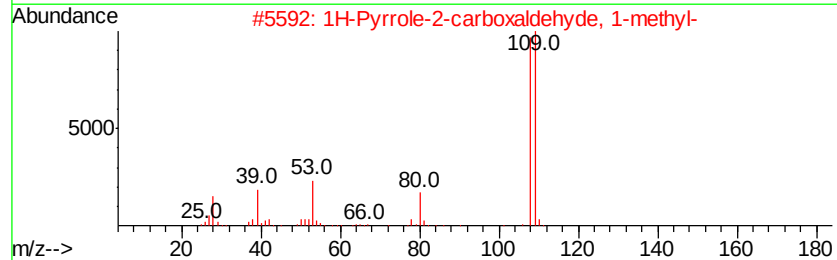
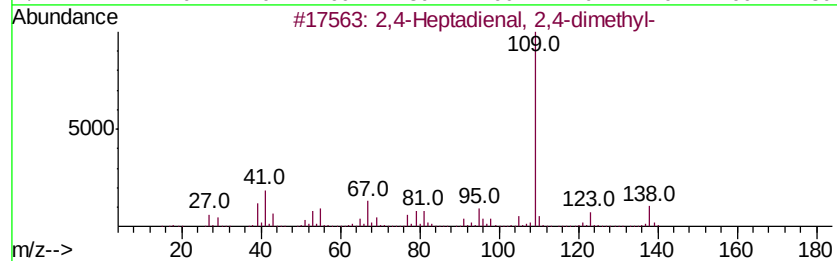
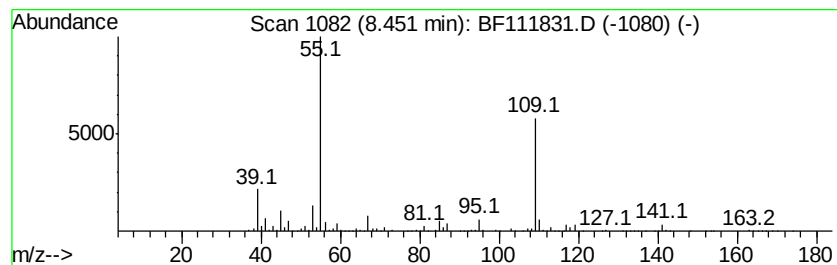
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	11.99 ng	1365860	Napthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, 2,4-dimethyl-			138	C9H14O	042452-48-2	32
2	1H-Pyrrole-2-carboxaldehyde, 1-m...			109	C6H7NO	001192-58-1	27
3	2,3-Pyridinediamine			109	C5H7N3	000452-58-4	25
4	6-Methyl-3,5-heptadiene-2-one			124	C8H12O	001604-28-0	17
5	Phenol, o-amino-			109	C6H7NO	000095-55-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
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Sample : K1019-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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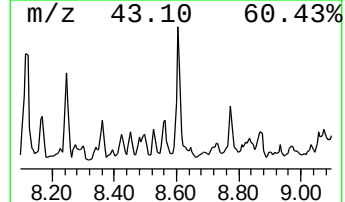
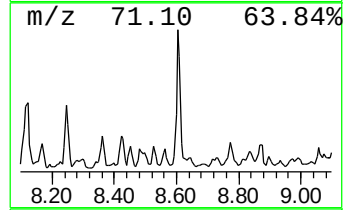
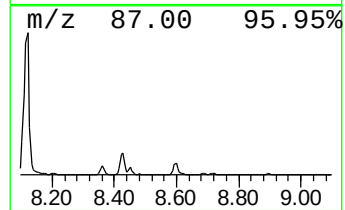
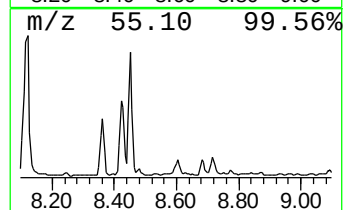
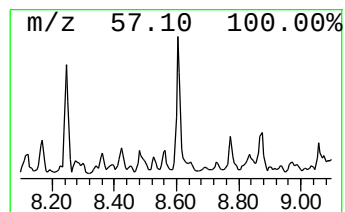
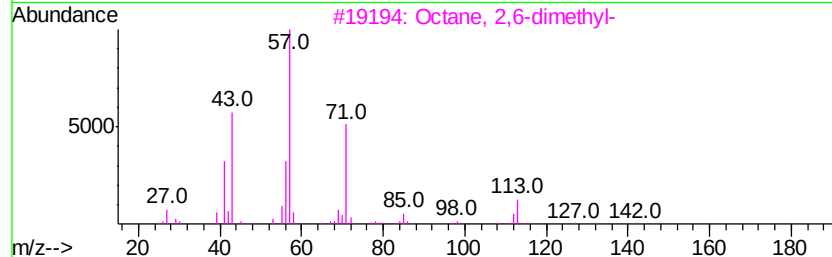
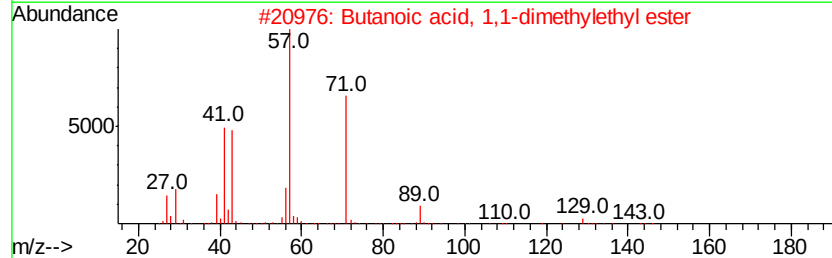
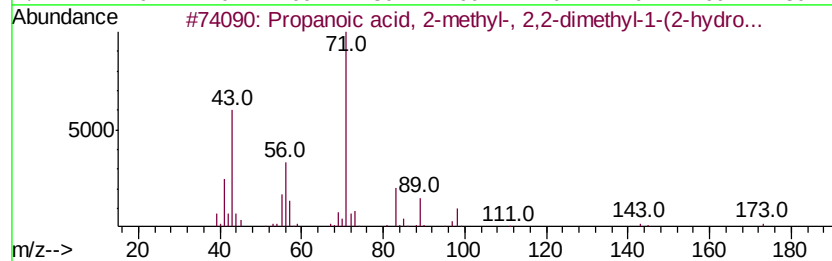
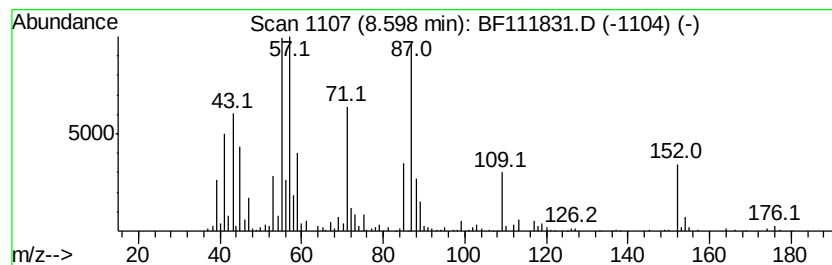
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.18 ng	818255	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	47
2		Butanoic acid, 1,1-dimethylethyl...	144	C8H16O2	002308-38-5	43
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4		2-Decanone, 5,9-dimethyl-	184	C12H24O	033933-82-3	43
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
Operator : JU/SJ
Sample : K1019-05
Misc :
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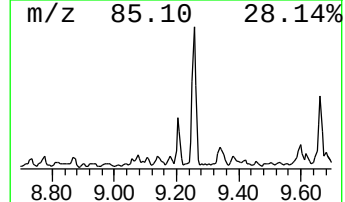
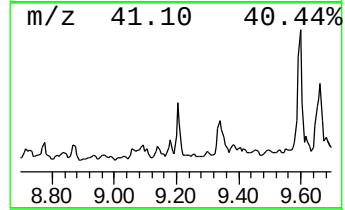
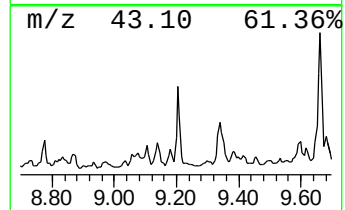
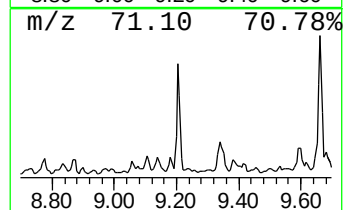
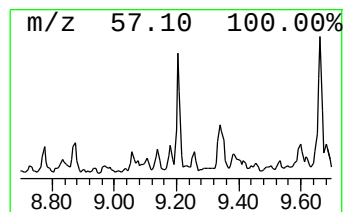
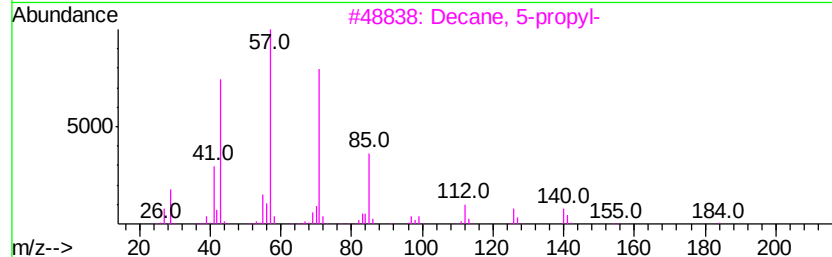
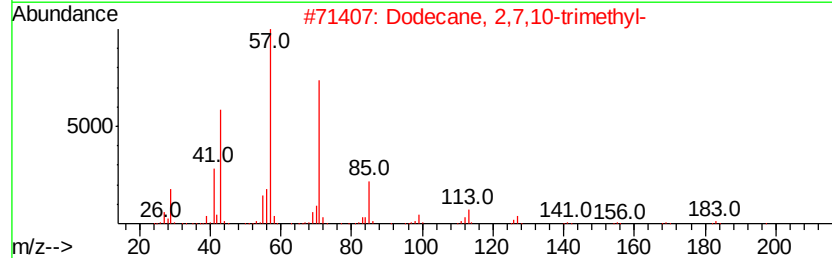
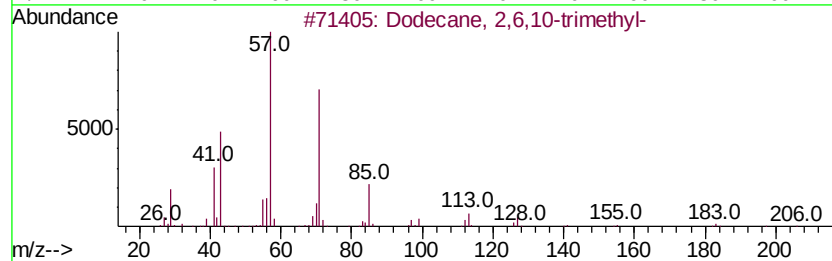
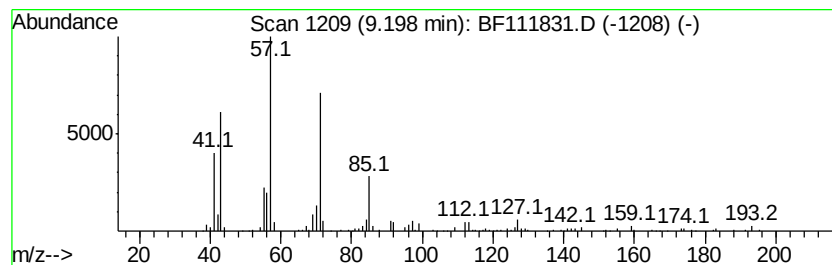
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.98 ng	517875	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	80
3	Decane, 5-propyl-	184 C13H28	017312-62-8	64
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	64
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
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Sample : K1019-05
Misc :
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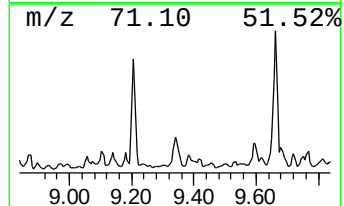
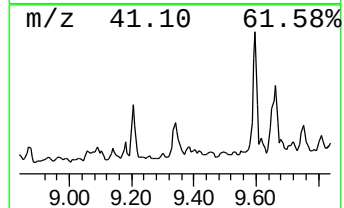
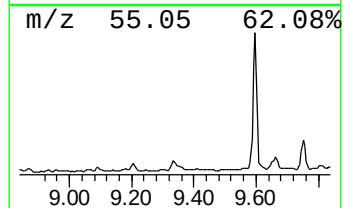
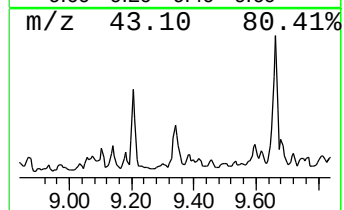
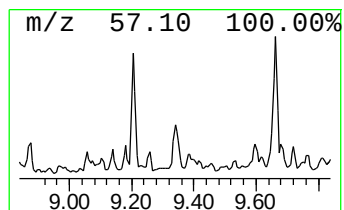
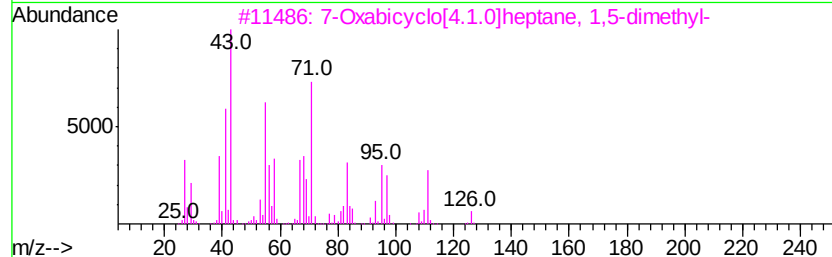
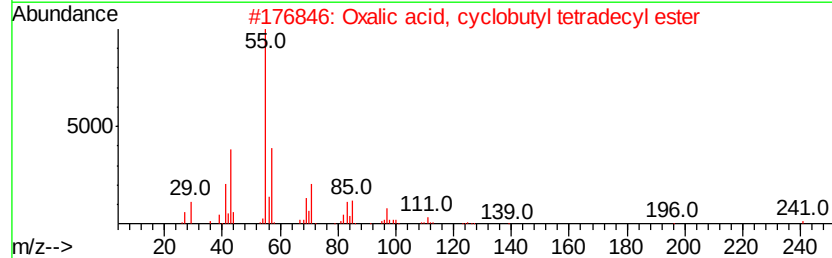
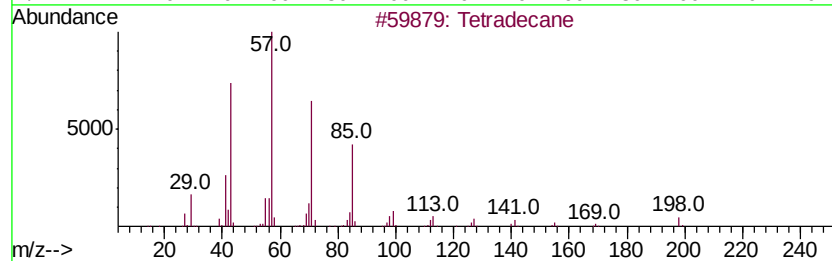
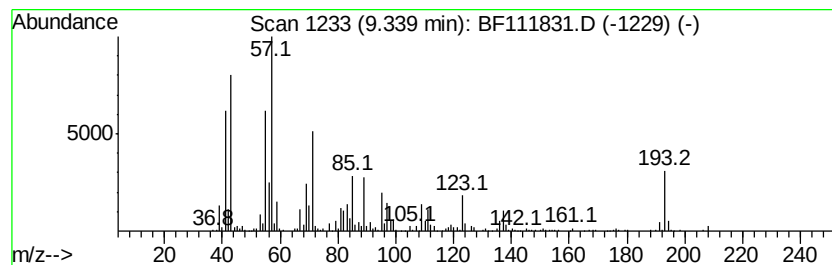
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.34	5.83 ng	757577	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	38
2	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	30
3	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	30
4	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	30
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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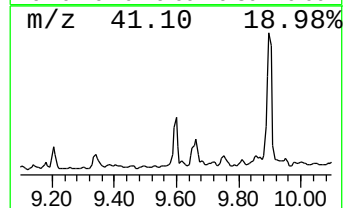
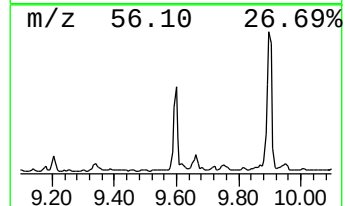
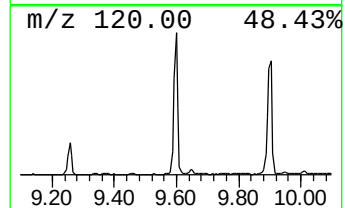
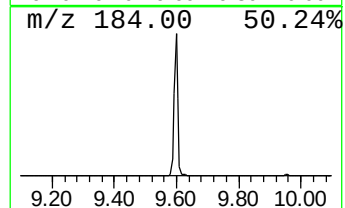
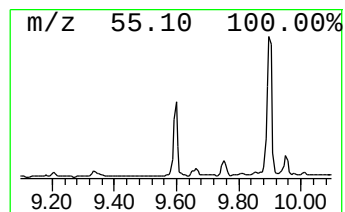
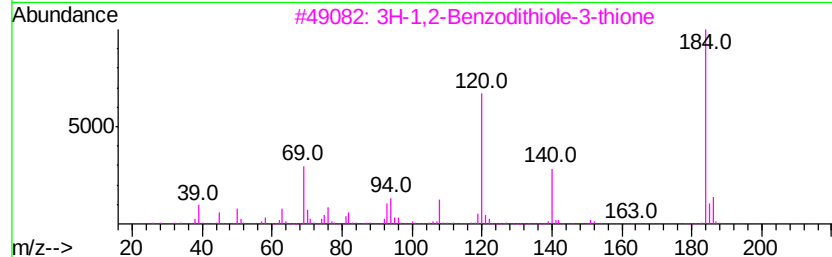
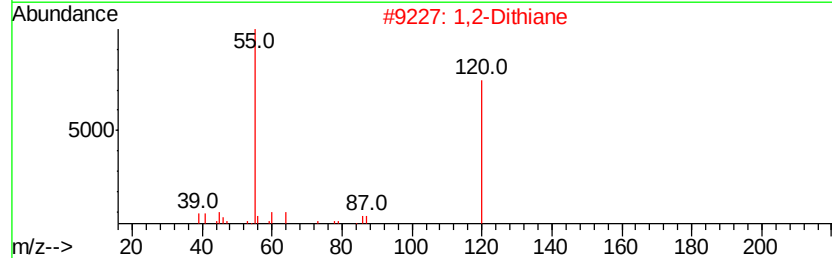
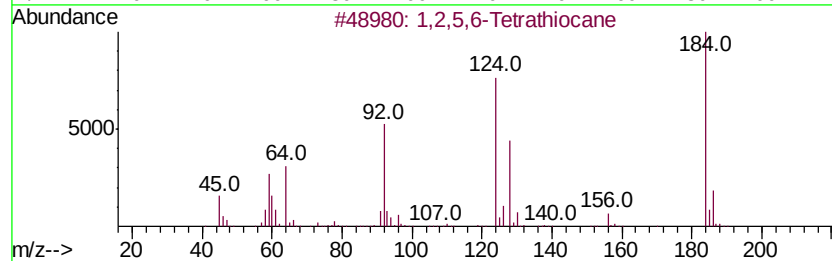
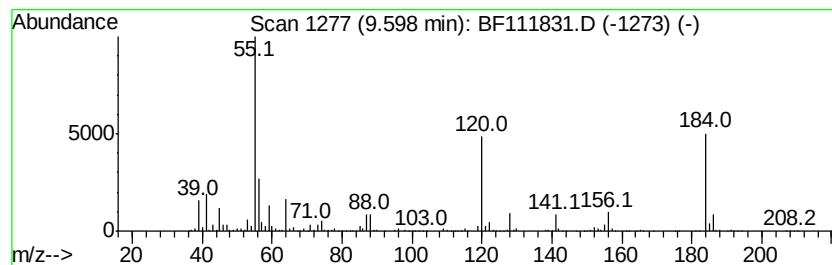
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	19.35 ng	2514940	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	27
2		1,2-Dithiane	120	C4H8S2	000505-20-4	25
3		3H-1,2-Benzodithiole-3-thione	184	C7H4S3	003354-42-5	16
4		Thieno[2,3-d]thiazole, 2-amino-5...	184	C7H8N2S2	054489-97-3	12
5		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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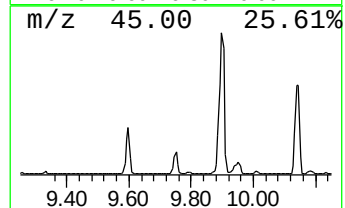
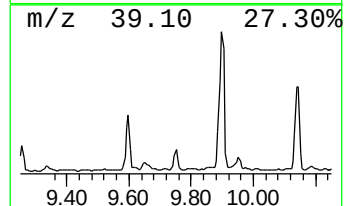
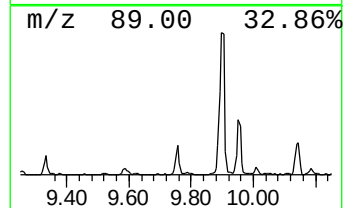
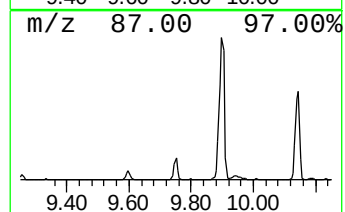
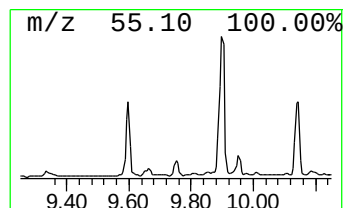
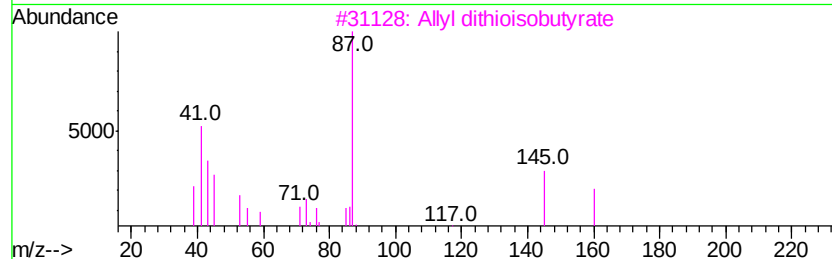
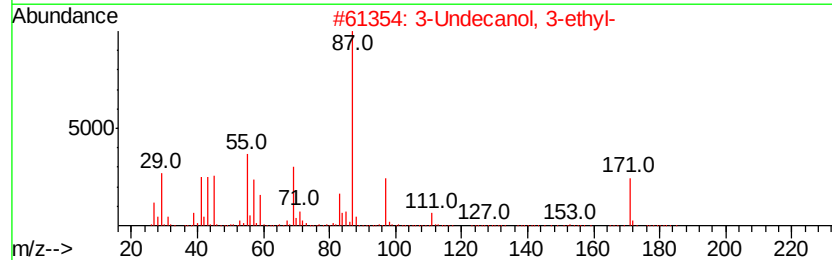
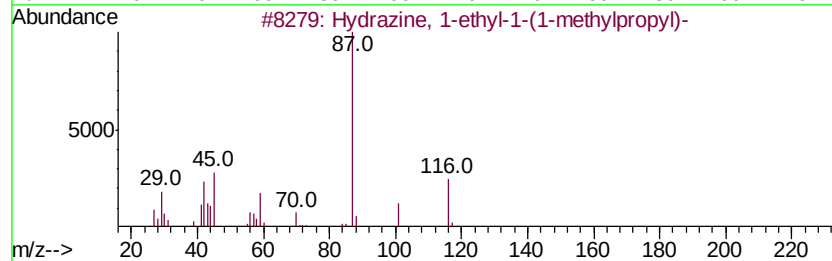
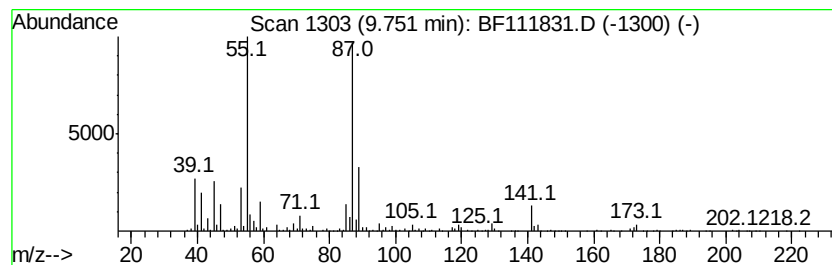
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	5.33 ng	692318	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	43
2		3-Undecanol, 3-ethyl-	200	C13H28O	062101-31-9	43
3		Allyl dithioisobutyrate	160	C7H12S2	063881-54-9	40
4		2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	38
5		1-Propoxypropan-2-yl nonanoate	258	C15H30O3	1000378-25-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
Operator : JU/SJ
Sample : K1019-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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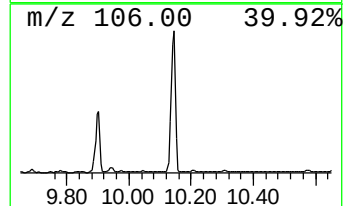
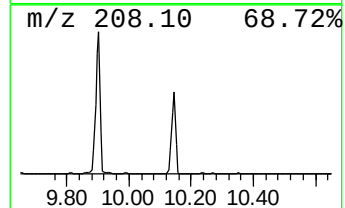
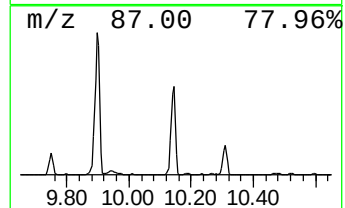
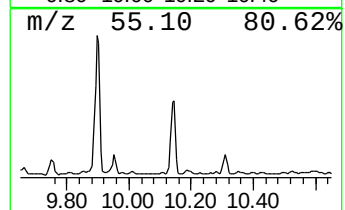
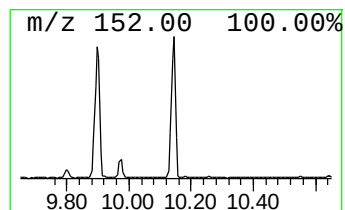
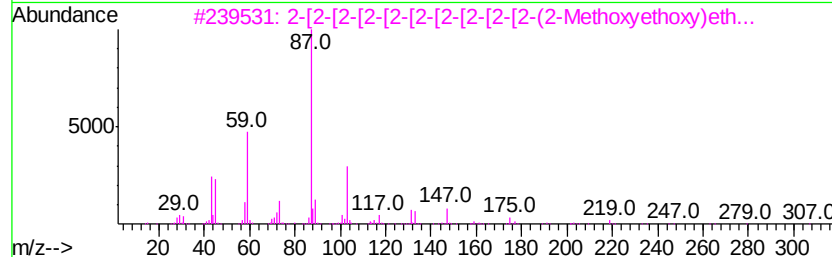
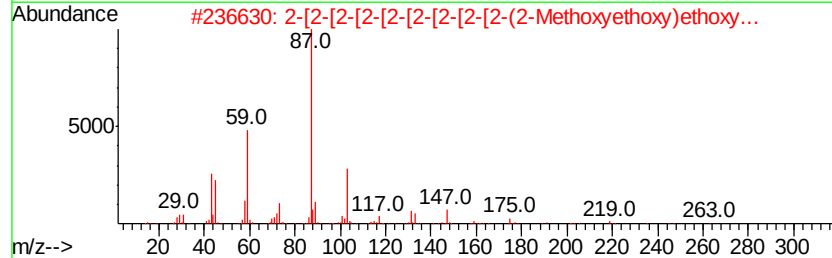
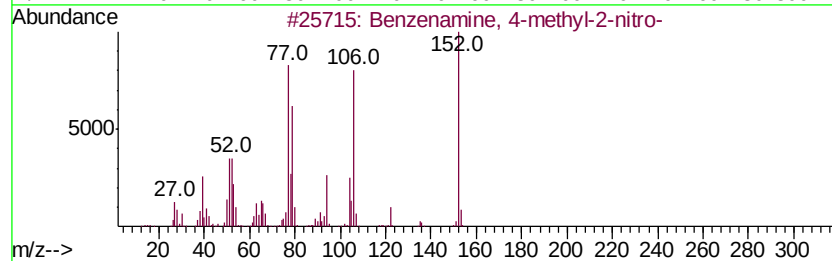
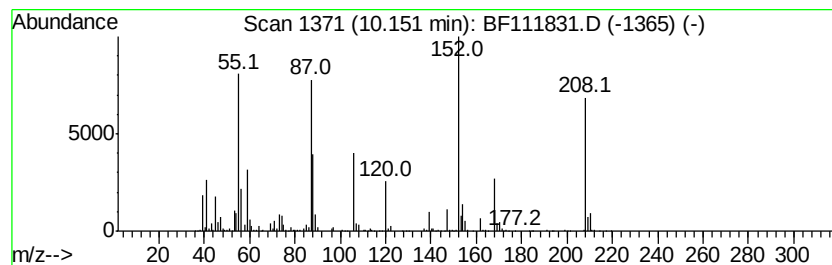
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	35.21 ng	4577030	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4-methyl-2-nitro-	152	C7H8N2O2	000089-62-3	14
2		2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	514	C23H46O12	1000351-89-8	12
3		2-[2-[2-[2-[2-[2-[2-[2-(2-...	558	C25H50O13	1000351-91-9	12
4		2-[2-[2-(2-Methoxyethoxy)ethoxy]...	250	C11H22O6	1000351-91-4	12
5		Dibutyl methoxy phosphine, sulfide	208	C9H21OPS	098958-59-9	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
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Sample : K1019-05
Misc :
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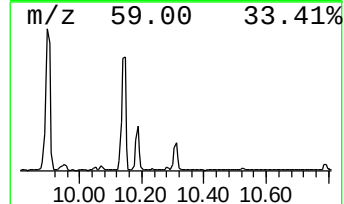
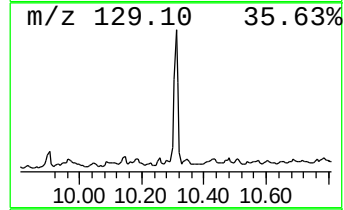
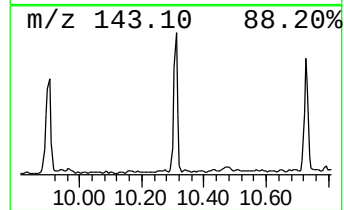
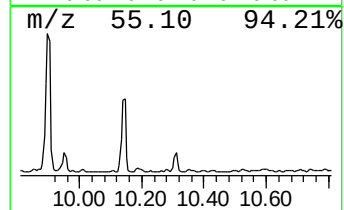
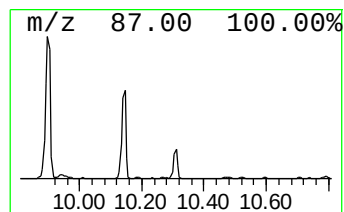
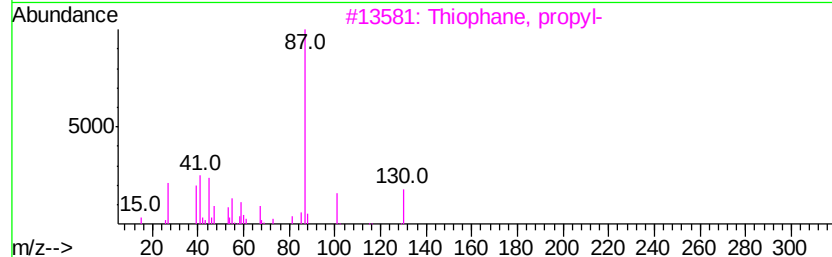
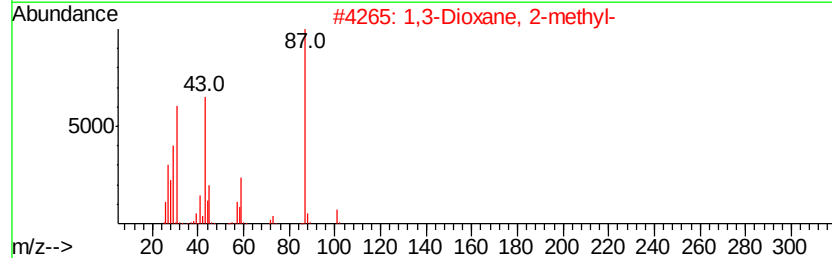
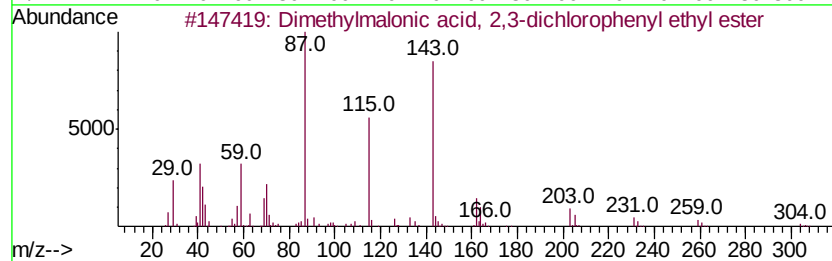
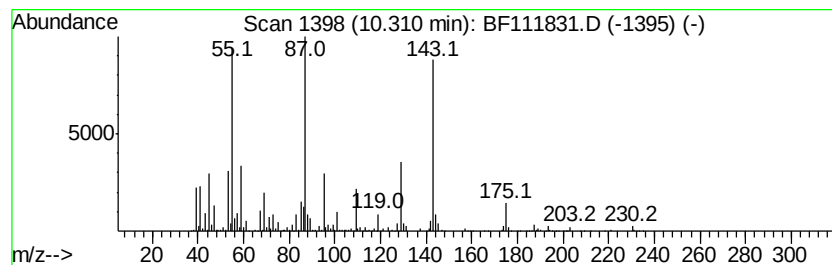
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.31	9.01 ng	1171050	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethylmalonic acid, 2,3-dichlo...	304	C13H14Cl2O4	1000363-61-9	40
2	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	27
3	Thiophane, propyl-	130	C7H14S	001551-34-4	27
4	1,3-Dioxolane, 2-butyl-2-methyl-	144	C8H16O2	014447-27-9	22
5	Butane(dithioic) acid, ethyl ester	148	C6H12S2	000924-75-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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Sample : K1019-05
Misc :
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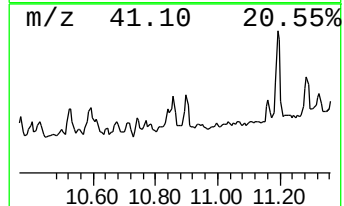
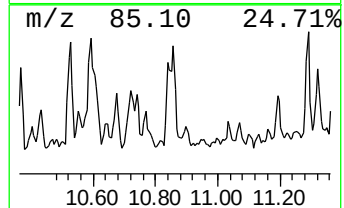
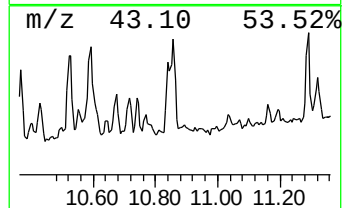
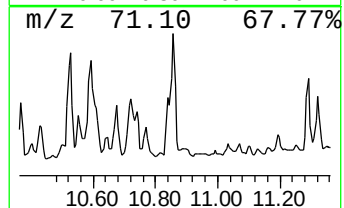
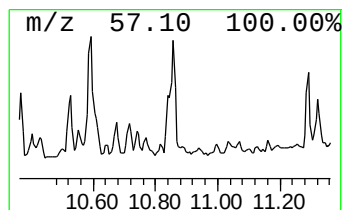
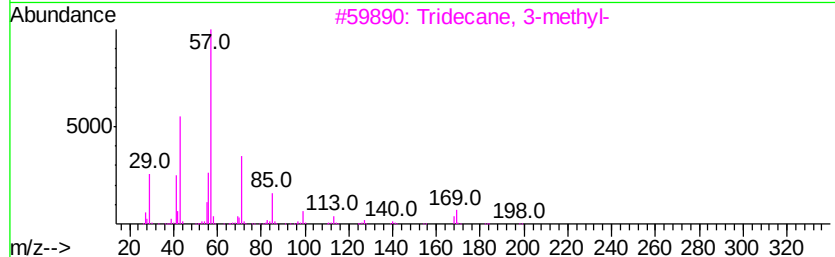
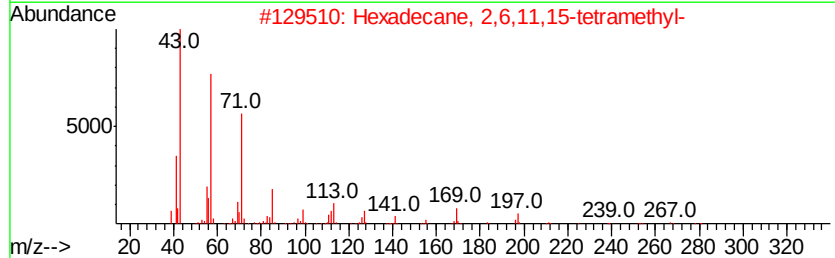
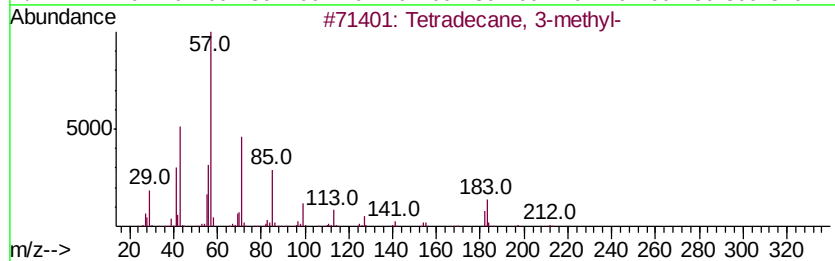
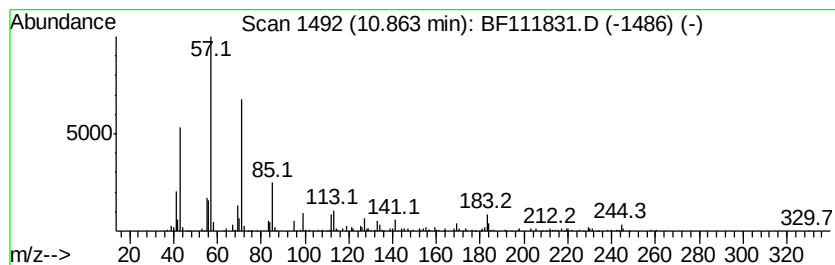
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	6.20 ng	547164	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	74
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	60
5	Octadecane, 4-methyl-	268	C19H40	010544-95-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
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Sample : K1019-05
Misc :
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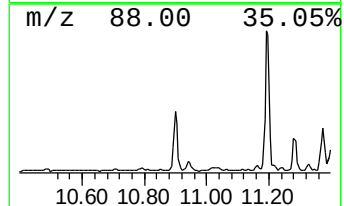
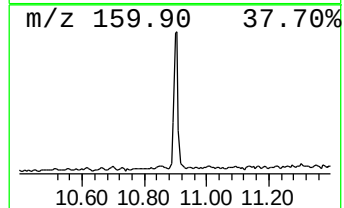
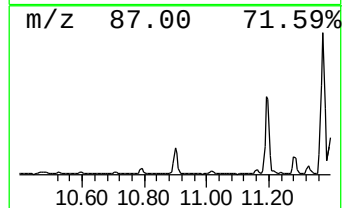
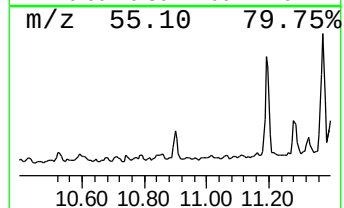
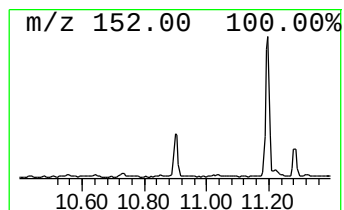
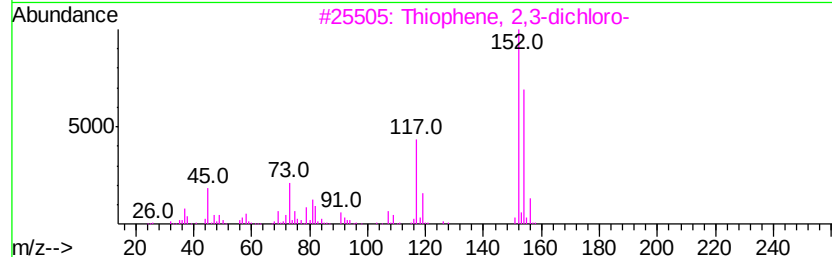
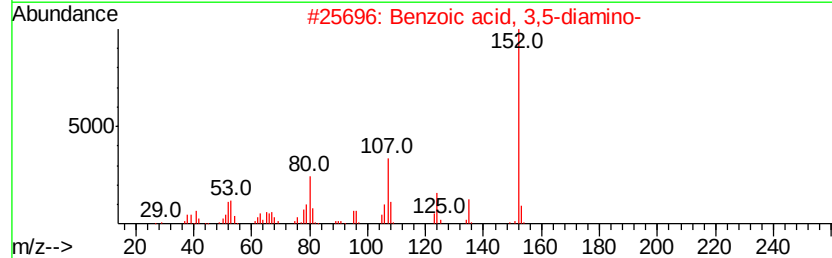
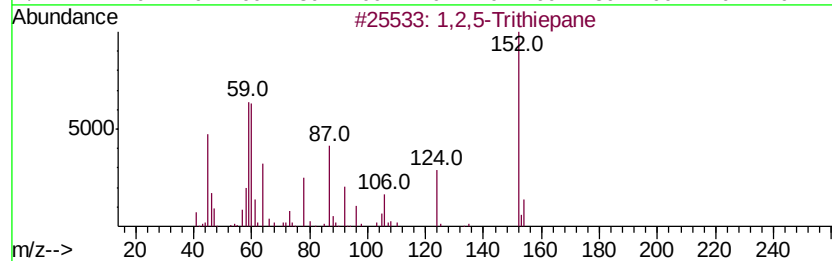
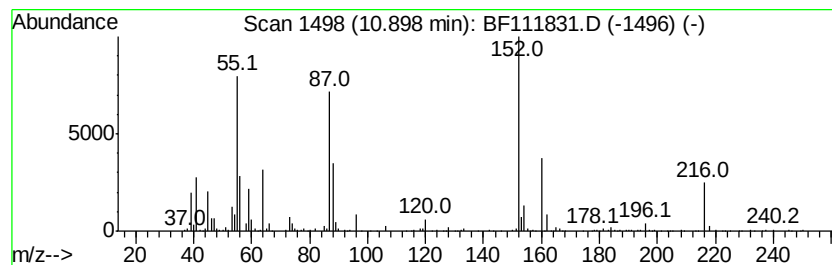
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.90 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.07 ng	447223	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	25
2		Benzoic acid, 3,5-diamino-	152	C7H8N2O2	000535-87-5	14
3		Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	10
4		Biphenylene	152	C12H8	000259-79-0	10
5		2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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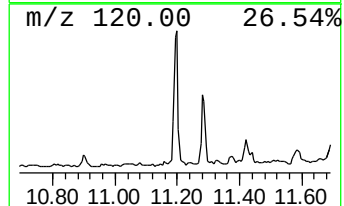
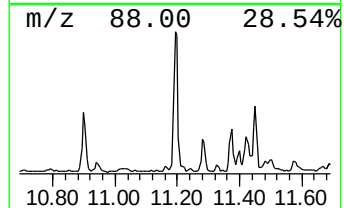
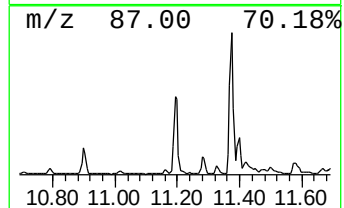
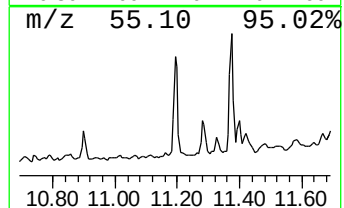
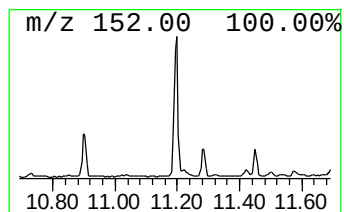
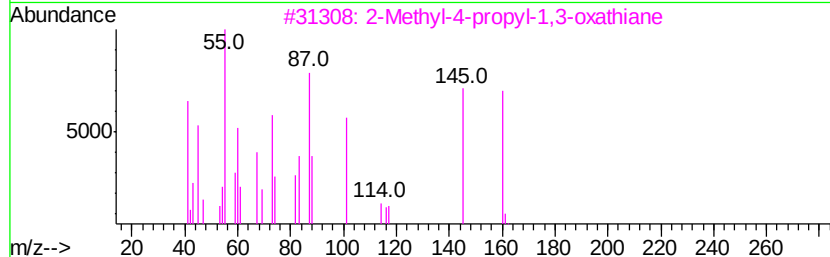
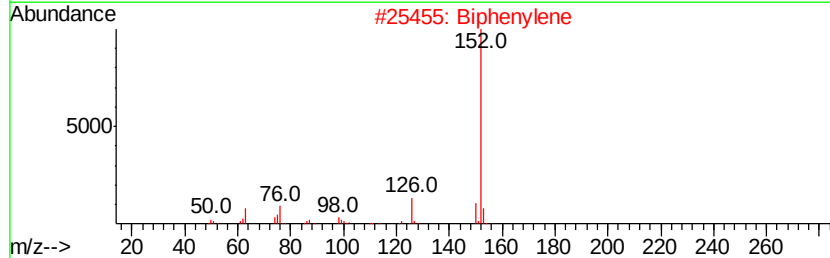
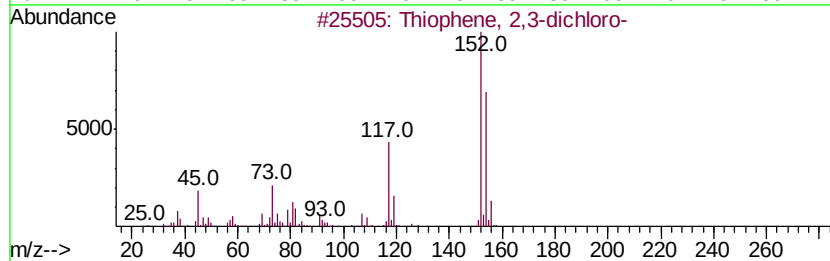
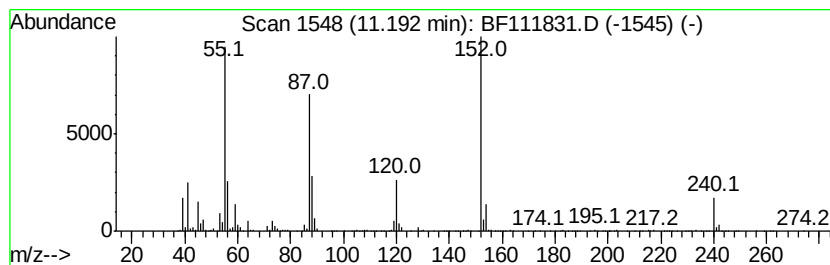
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	15.75 ng	1389870	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	22
2			Biphenylene	152	C12H8	000259-79-0	12
3			2-Methyl-4-propyl-1,3-oxathiane	160	C8H16OS	067715-80-4	10
4			1-Butene, 3-(butylthio)-	144	C8H16S	000689-90-7	10
5			Thiocarbonic acid o-propyl-S-pur...	238	C9H10N4O2S	1000251-27-3	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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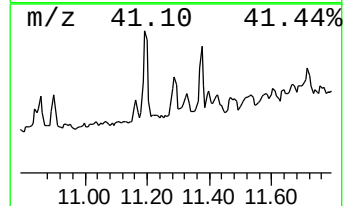
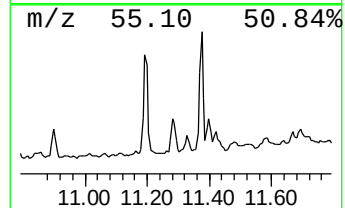
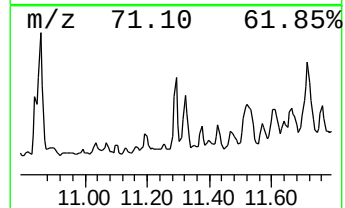
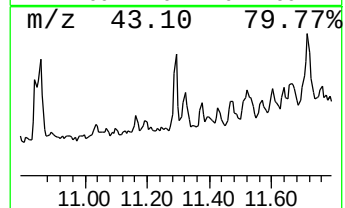
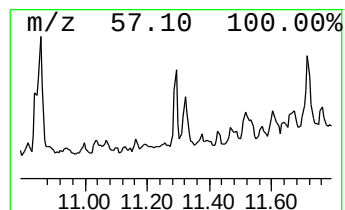
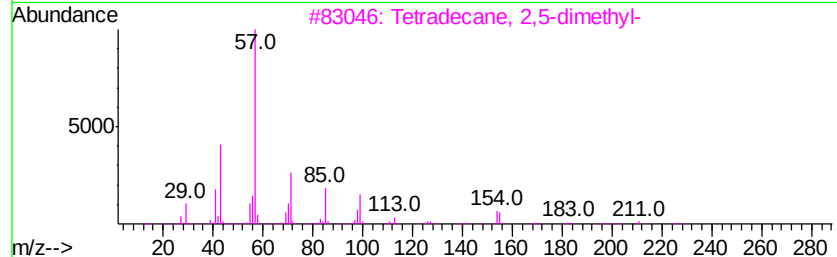
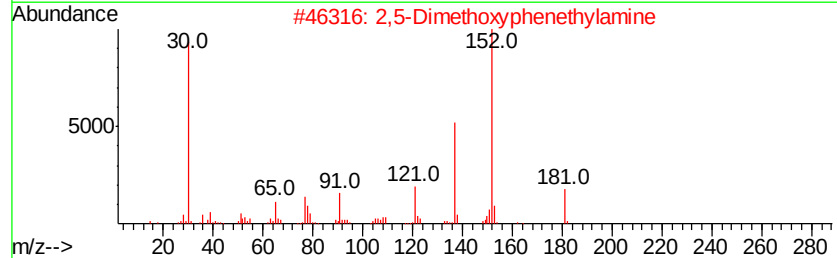
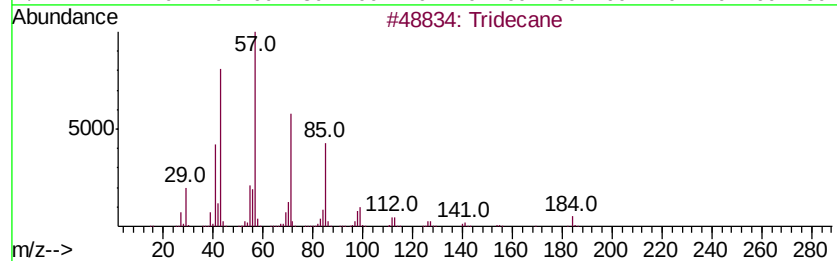
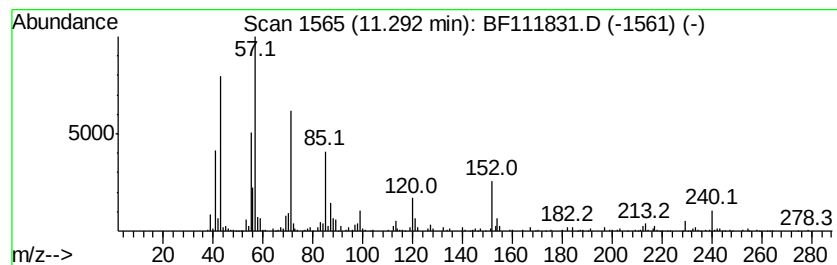
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.29 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	6.57 ng	579757	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	10
2	2,5-Dimethoxyphenethylamine	181	C10H15NO2	003600-86-0	9
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	9
4	l-Allylglycine, N-propargyloxycar...	281	C15H23NO4	1000325-12-7	9
5	3-Fluorobenzylamine, N-decyl-N-m...	279	C18H30FN	1000310-47-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
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Sample : K1019-05
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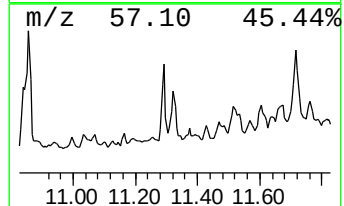
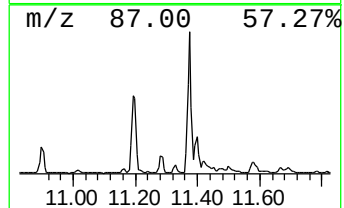
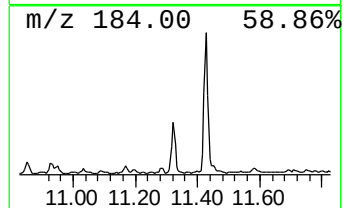
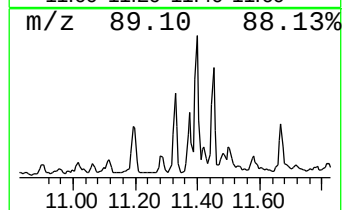
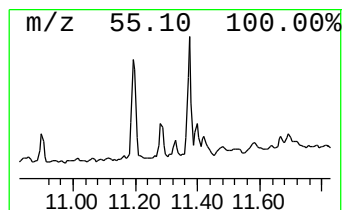
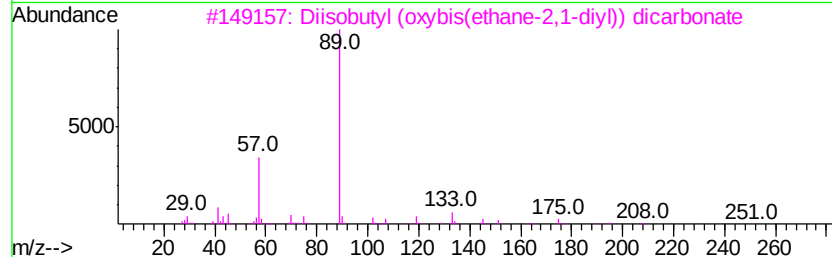
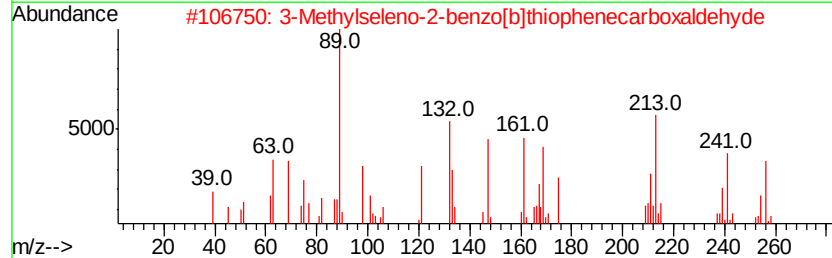
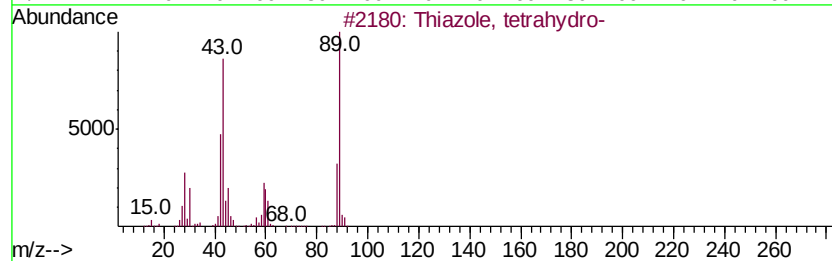
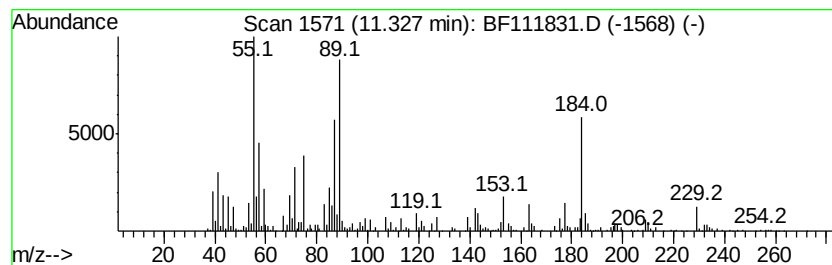
Instrument :
BNA_F
ClientSampleId :
A-GLICAL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Thiazole, tetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	4.37 ng	386025	Phenanthrene-d10	11.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Thiazole, tetrahydro-	89 C3H7NS	000504-78-9 50
2		3-Methylseleno-2-benzo[b]thiophe...	256 C10H8OSse	039857-04-0 47
3		Diisobutyl (oxybis(ethane-2,1-di...	306 C14H26O7	1000378-30-5 47
4		2-Methylseleno-3-benzo[b]thiophe...	256 C10H8OSse	039857-07-3 47
5		2,2-Dimethoxypropionamide	133 C5H11NO3	1000237-69-7 40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
Operator : JU/SJ
Sample : K1019-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-GLICAL-PILE

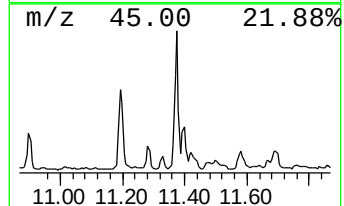
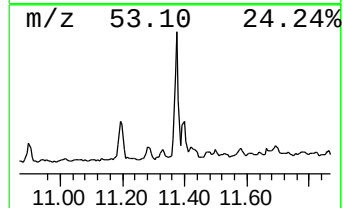
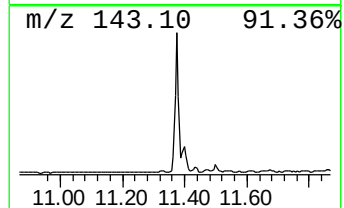
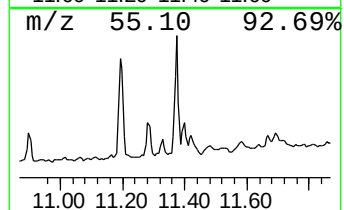
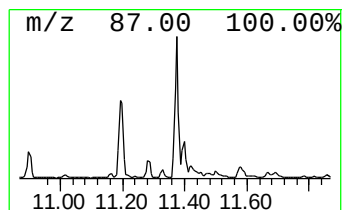
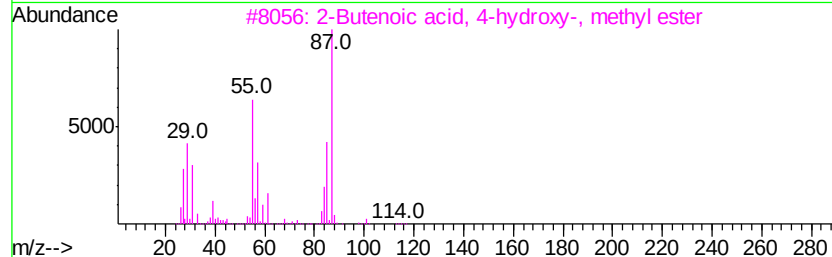
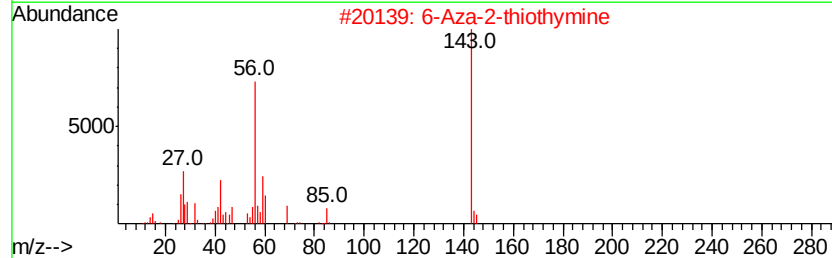
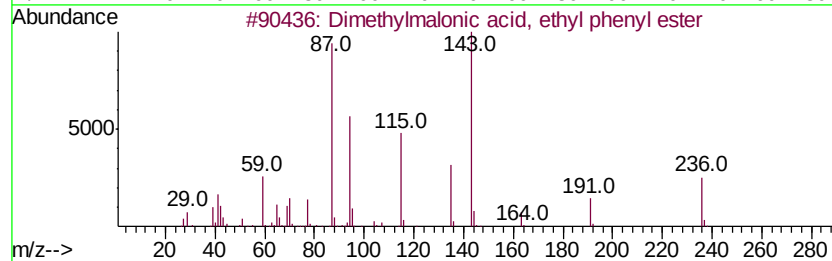
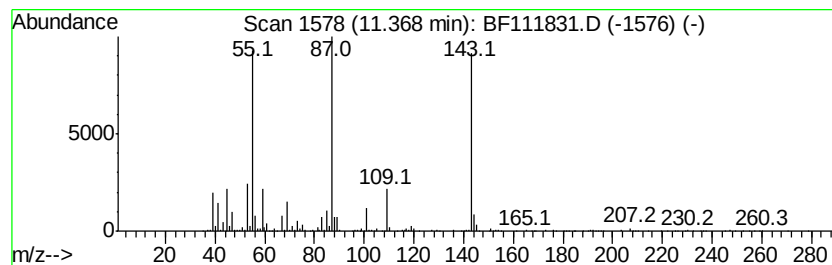
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dimethylmalonic acid, ethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	17.79 ng	1569460	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethylmalonic acid, ethyl phen...	236	C13H16O4	1000361-80-6	53
2		6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	38
3		2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	27
4		Thiophene, 2-butyltetrahydro-	144	C8H16S	001613-49-6	27
5		1-Methyl-1-(2-pentadecyl)oxy-1-s...	326	C20H42OSi	1000245-41-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111831.D
Acq On : 3 Jan 2019 19:54
Operator : JU/SJ
Sample : K1019-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

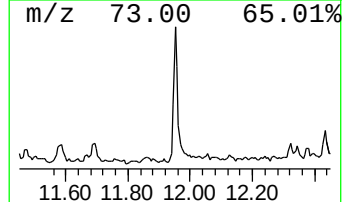
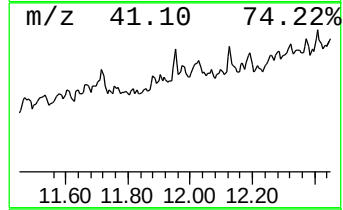
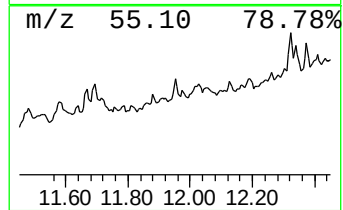
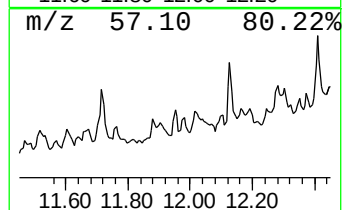
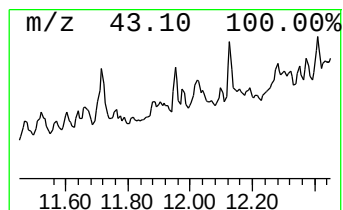
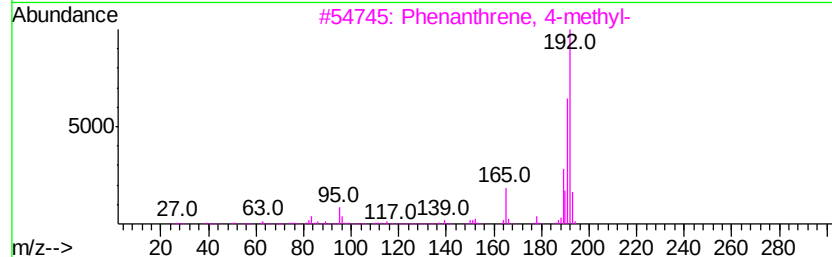
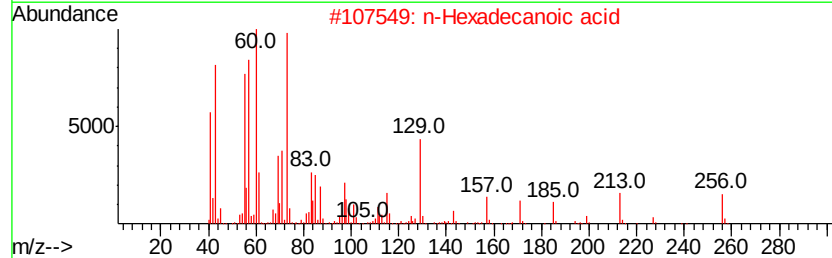
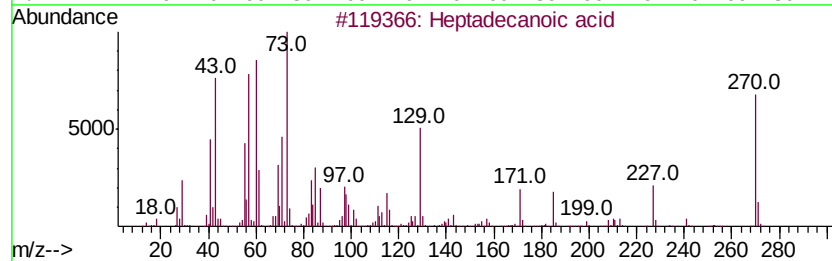
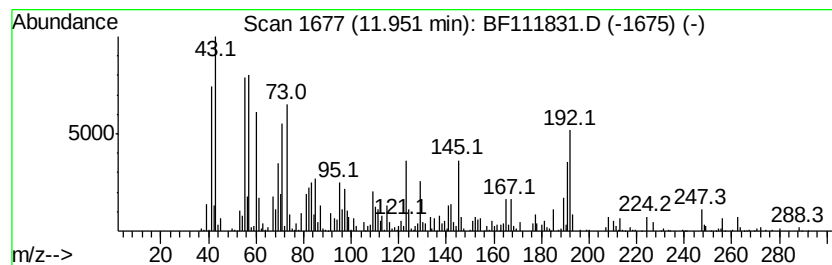
Instrument :
BNA_F
ClientSampleId :
A-GLICAL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown11.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.95	5.51 ng	486444	Phenanthrene-d10		11.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	48
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	Octadecanoic acid	284	C18H36O2	000057-11-4	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
 Data File : BF111831.D
 Acq On : 3 Jan 2019 19:54
 Operator : JU/SJ
 Sample : K1019-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-GLICAL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.68	6.68	42.5	ng	5105810	1	6.90	2403280	20.0
1,2,5-Trithiepane	8.12	63.2	ng	7197310	2	8.19	2277830	20.0
unknown8.36	8.36	20.6	ng	2340720	2	8.19	2277830	20.0
unknown8.42	8.42	25.9	ng	2945840	2	8.19	2277830	20.0
unknown8.45	8.45	12.0	ng	1365860	2	8.19	2277830	20.0
unknown8.60	8.60	7.2	ng	818255	2	8.19	2277830	20.0
Dodecane, 2,6,10-...	9.20	4.0	ng	517875	3	9.94	2599500	20.0
unknown9.34	9.34	5.8	ng	757577	3	9.94	2599500	20.0
unknown9.60	9.60	19.4	ng	2514940	3	9.94	2599500	20.0
unknown9.75	9.75	5.3	ng	692318	3	9.94	2599500	20.0
unknown10.15	10.15	35.2	ng	4577030	3	9.94	2599500	20.0
unknown10.31	10.31	9.0	ng	1171050	3	9.94	2599500	20.0
Tetradecane, 3-me...	10.86	6.2	ng	547164	4	11.43	1764880	20.0
unknown10.90	10.90	5.1	ng	447223	4	11.43	1764880	20.0
unknown11.19	11.19	15.8	ng	1389870	4	11.43	1764880	20.0
unknown11.29	11.29	6.6	ng	579757	4	11.43	1764880	20.0
Thiazole, tetrahy...	11.33	4.4	ng	386025	4	11.43	1764880	20.0
Dimethylmalonic a...	11.37	17.8	ng	1569460	4	11.43	1764880	20.0
unknown11.95	11.95	5.5	ng	486444	4	11.43	1764880	20.0