

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001625.D
 Acq On : 16 Jan 2020 00:09
 Operator : JU
 Sample : L1123-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-04-COMP

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_P\METHODS\8270-BP010820.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	2.952	24	28	36	rVV	234086	272105	13.82%	0.479%
2	3.046	37	44	55	rVB	384912	588653	29.90%	1.037%
3	3.428	103	109	111	rBV	161558	211321	10.73%	0.372%
4	3.458	111	114	120	rVB2	188902	246369	12.51%	0.434%
5	3.681	146	152	162	rVB	672231	926364	47.05%	1.631%
6	3.775	162	168	174	rBV	728885	1057480	53.71%	1.862%
7	4.022	202	210	216	rBV	580691	755743	38.38%	1.331%
8	4.458	277	284	289	rVV2	170973	292666	14.86%	0.515%
9	4.546	295	299	306	rVB	123295	179633	9.12%	0.316%
10	4.646	306	316	321	rBV2	156806	282279	14.34%	0.497%
11	4.740	327	332	338	rBV	319937	514609	26.14%	0.906%
12	4.799	338	342	347	rVV2	256253	395946	20.11%	0.697%
13	5.052	380	385	388	rBV	152693	215455	10.94%	0.379%
14	5.093	388	392	396	rVV	146127	242397	12.31%	0.427%
15	5.140	396	400	403	rVV3	130490	222180	11.28%	0.391%
16	5.169	403	405	414	rVB2	133157	180856	9.18%	0.318%
17	5.269	414	422	428	rBV3	814177	1402512	71.23%	2.470%
18	5.369	435	439	449	rVB	297393	534005	27.12%	0.940%
19	5.464	449	455	464	rBV	399616	638105	32.41%	1.124%
20	5.675	486	491	501	rVB	335232	563145	28.60%	0.992%
21	5.864	516	523	530	rBV4	90248	195383	9.92%	0.344%
22	5.952	530	538	550	rBV2	388105	810319	41.15%	1.427%
23	6.069	550	558	567	rVB	218618	453520	23.03%	0.799%
24	6.158	567	573	580	rBV	332678	541703	27.51%	0.954%
25	6.234	580	586	590	rBV	281209	412089	20.93%	0.726%
26	6.311	595	599	608	rVB5	137213	378618	19.23%	0.667%
27	6.552	634	640	648	rBV4	203700	492926	25.03%	0.868%
28	6.634	648	654	656	rBV2	353029	575671	29.24%	1.014%
29	6.664	656	659	664	rVB	1224704	1710308	86.86%	3.012%
30	6.834	679	688	694	rBV	1009383	1724787	87.60%	3.037%
31	6.893	694	698	709	rVB	268636	526084	26.72%	0.926%
32	7.005	709	717	721	rBV	194389	364443	18.51%	0.642%
33	7.181	741	747	760	rVB4	890526	1770667	89.93%	3.118%
34	7.305	762	768	774	rBV3	134046	245958	12.49%	0.433%

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35	7.511	797	803	806	rVV3	124359	285321	14.49%	0.502%
36	7.552	806	810	813	rVV	188299	294536	14.96%	0.519%
37	7.646	819	826	832	rVB2	525465	941219	47.80%	1.657%
38	7.734	833	841	846	rBV3	110272	247921	12.59%	0.437%
39	7.846	856	860	863	rBV	130660	179192	9.10%	0.316%
40	7.887	863	867	874	rVV	315627	638018	32.40%	1.124%
41	7.958	874	879	884	rVV	591791	950995	48.30%	1.675%
42	8.134	904	909	915	rBV2	341215	573261	29.11%	1.009%
43	8.193	915	919	924	rVV	429909	678671	34.47%	1.195%
44	8.287	931	935	938	rVV	241093	329580	16.74%	0.580%
45	8.328	938	942	949	rVB	330267	570258	28.96%	1.004%
46	8.534	969	977	980	rBV	149030	282852	14.36%	0.498%
47	8.746	1007	1013	1017	rBV	843984	1329066	67.50%	2.340%
48	8.787	1017	1020	1024	rVB	375165	511199	25.96%	0.900%
49	8.981	1046	1053	1062	rBV5	126491	352200	17.89%	0.620%
50	9.081	1062	1070	1073	rVV5	99046	203431	10.33%	0.358%
51	9.122	1073	1077	1083	rVV5	102760	256065	13.00%	0.451%
52	9.234	1090	1096	1098	rVV2	222258	444839	22.59%	0.783%
53	9.263	1098	1101	1106	rVV	489315	781210	39.67%	1.376%
54	9.528	1139	1146	1151	rVV2	281859	511940	26.00%	0.902%
55	9.628	1156	1163	1167	rVV6	123514	306295	15.56%	0.539%
56	9.675	1167	1171	1174	rVV	202309	328628	16.69%	0.579%
57	9.716	1174	1178	1185	rVV3	201584	411479	20.90%	0.725%
58	9.828	1187	1197	1201	rVV3	375625	842790	42.80%	1.484%
59	9.863	1201	1203	1207	rVV2	155696	263795	13.40%	0.465%
60	9.905	1207	1210	1213	rVV	143555	230890	11.73%	0.407%
61	10.022	1226	1230	1241	rVB4	151698	283547	14.40%	0.499%
62	10.134	1241	1249	1254	rBV	356835	569681	28.93%	1.003%
63	10.340	1280	1284	1288	rVV2	118306	199474	10.13%	0.351%
64	10.410	1288	1296	1302	rVV2	447470	946913	48.09%	1.667%
65	10.475	1302	1307	1313	rVV3	376378	646279	32.82%	1.138%
66	10.540	1313	1318	1325	rVV	141559	263467	13.38%	0.464%
67	10.610	1325	1330	1333	rVV	138101	211402	10.74%	0.372%
68	10.646	1333	1336	1346	rVV	180463	302928	15.38%	0.533%
69	11.340	1449	1454	1463	rVB3	176551	329629	16.74%	0.580%
70	11.475	1471	1477	1482	rBV2	116877	203240	10.32%	0.358%
71	12.087	1572	1581	1591	rVB3	254567	557114	28.29%	0.981%

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72	12.304	1613	1618	1624	rVV	245842	419163	21.29%	0.738%
73	12.904	1714	1720	1726	rVB	938179	1377103	69.94%	2.425%
74	13.604	1834	1839	1844	rBV	106929	180704	9.18%	0.318%
75	14.287	1947	1955	1961	rVV2	327747	511707	25.99%	0.901%
76	15.340	2129	2134	2139	rBV2	134513	194247	9.87%	0.342%
77	15.787	2201	2210	2219	rVV2	710495	1051243	53.39%	1.851%
78	17.051	2419	2425	2428	rBV	349396	537715	27.31%	0.947%
79	17.092	2428	2432	2438	rVV	1110953	1513427	76.86%	2.665%
80	17.181	2442	2447	2453	rVB	198620	271513	13.79%	0.478%
81	17.928	2569	2574	2578	rBV	166779	233906	11.88%	0.412%
82	17.975	2578	2582	2590	rVV	237295	321019	16.30%	0.565%
83	18.110	2600	2605	2609	rVV2	271076	459308	23.33%	0.809%
84	18.151	2609	2612	2620	rVB	128553	177254	9.00%	0.312%
85	18.828	2722	2727	2731	rBV	124044	193262	9.82%	0.340%
86	19.081	2764	2770	2776	rBV	1489776	1928026	97.92%	3.395%
87	19.428	2820	2829	2838	rBV	1156706	1969041	100.00%	3.467%
88	19.639	2860	2865	2875	rVB	1460194	1825775	92.72%	3.215%
89	19.745	2879	2883	2890	rBV4	92932	212886	10.81%	0.375%
90	19.916	2908	2912	2916	rVB	269237	341590	17.35%	0.602%
91	20.010	2924	2928	2932	rBV	252888	324422	16.48%	0.571%
92	20.069	2934	2938	2942	rVB2	133469	180527	9.17%	0.318%
93	20.898	3073	3079	3090	rBV4	204012	409117	20.78%	0.720%
94	21.145	3116	3121	3126	rBV3	658591	1348214	68.47%	2.374%
95	21.192	3126	3129	3137	rVB	578755	714333	36.28%	1.258%
96	22.721	3384	3389	3394	rBV	401519	874466	44.41%	1.540%
97	23.198	3466	3470	3478	rVB	245894	471461	23.94%	0.830%
98	23.298	3481	3487	3493	rBV	372693	708949	36.00%	1.248%
99	23.392	3498	3503	3508	rBV	230516	400952	20.36%	0.706%
100	25.651	3883	3887	3897	rVB	189873	451890	22.95%	0.796%

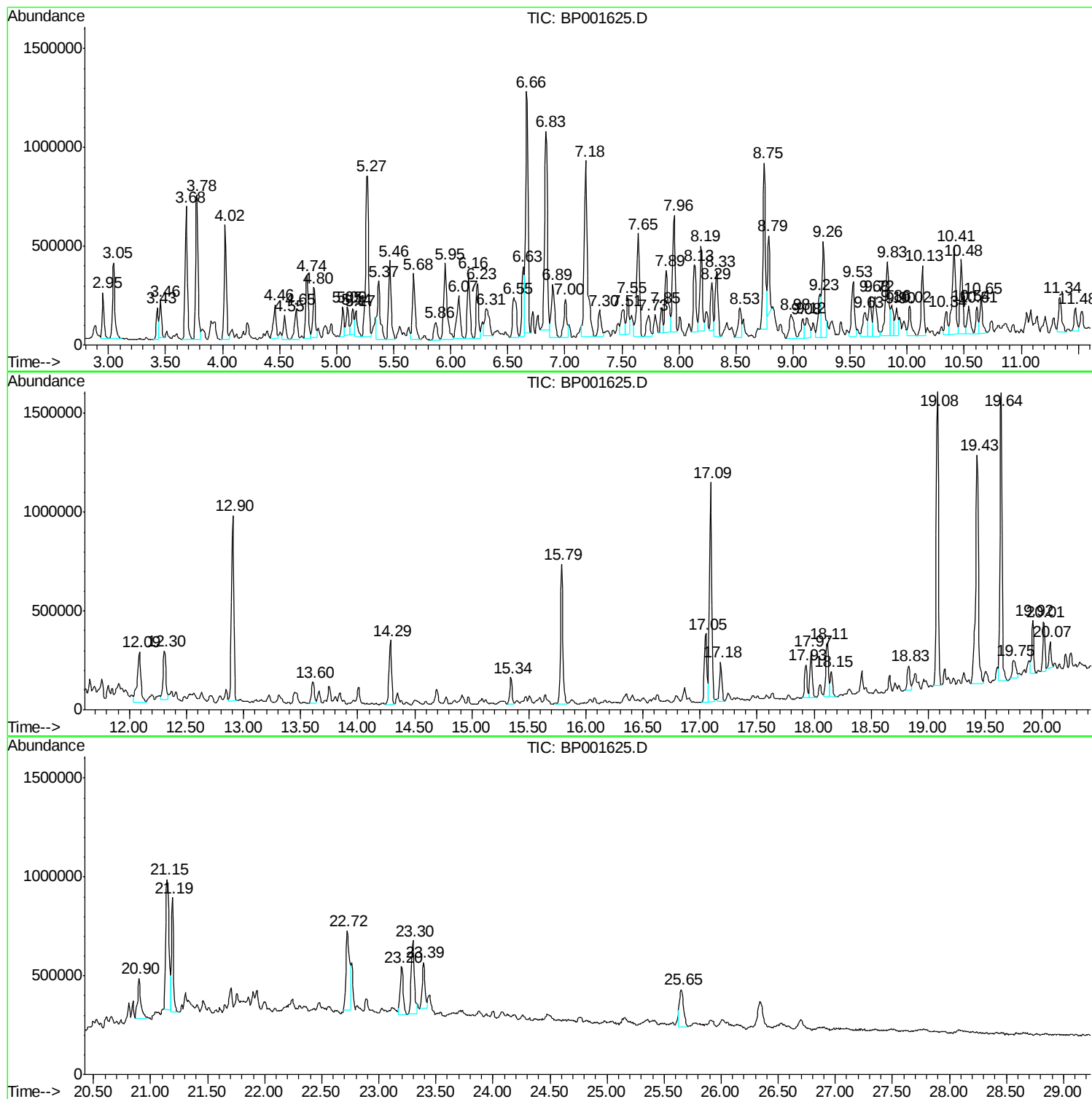
Sum of corrected areas: 56786844

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.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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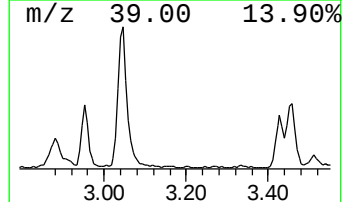
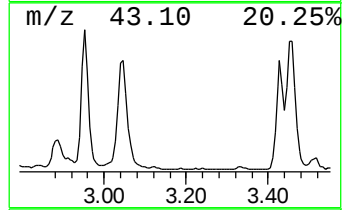
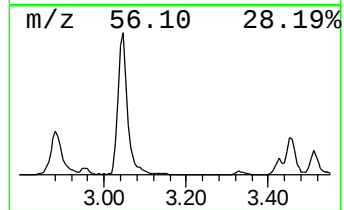
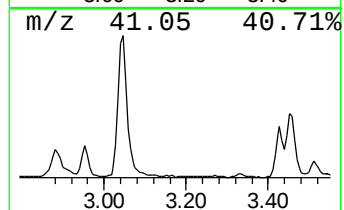
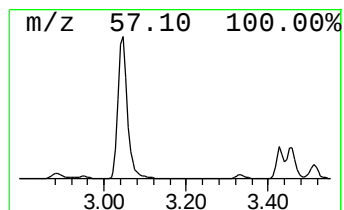
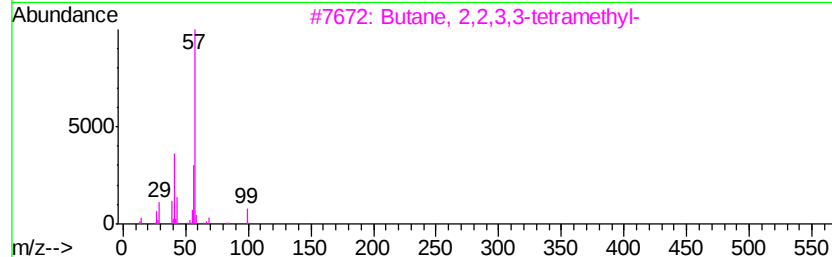
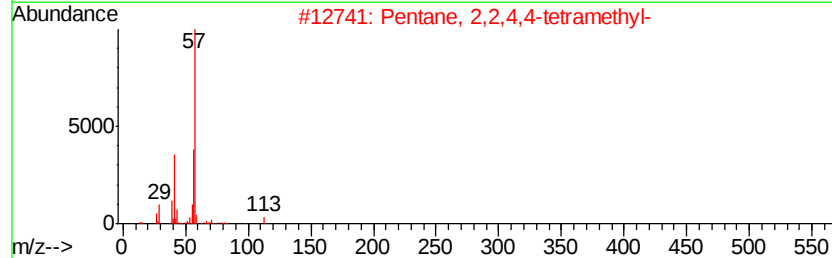
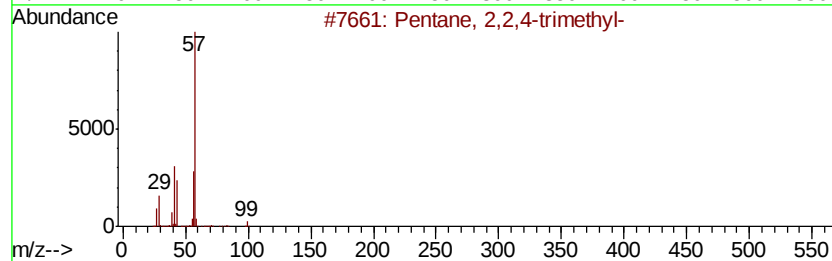
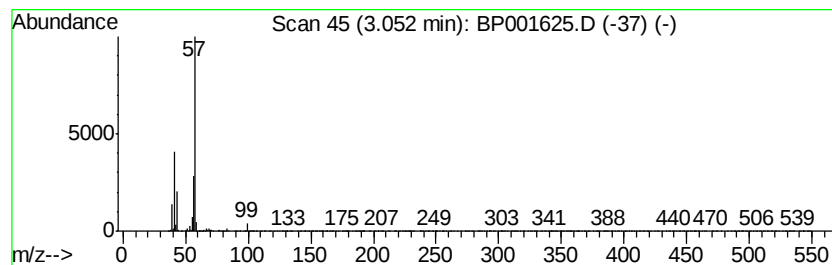
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	12.51 ng	588653	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4		1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	45
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	43



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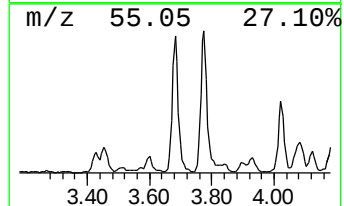
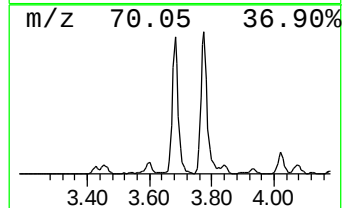
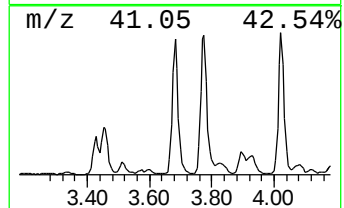
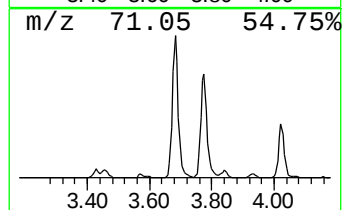
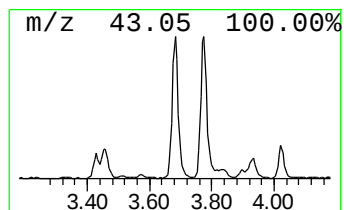
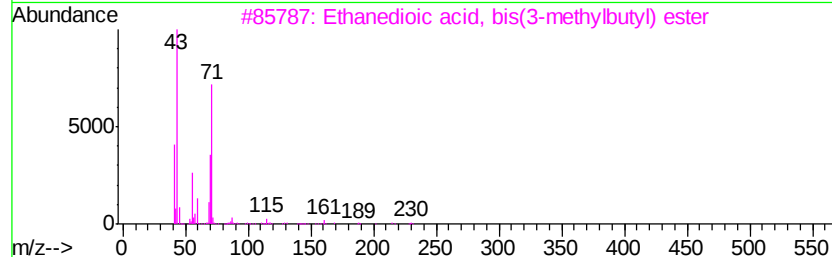
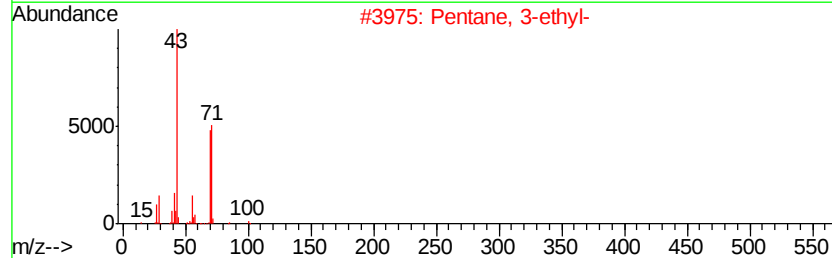
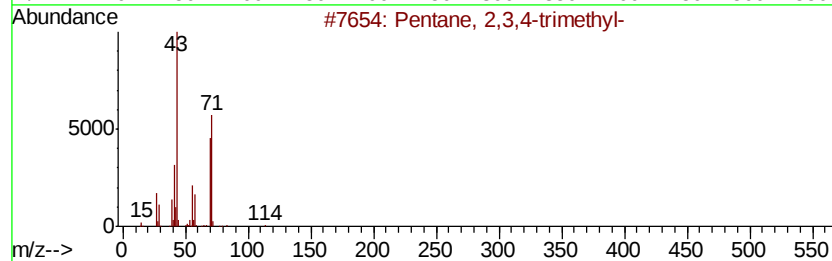
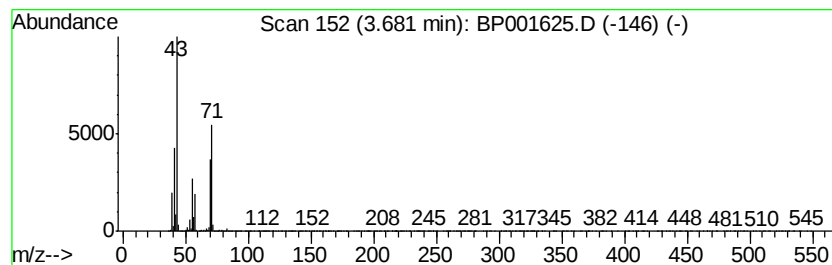
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	19.68 ng	926364	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	56
4		Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	53
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	42



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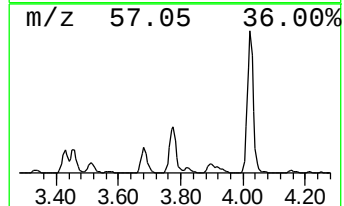
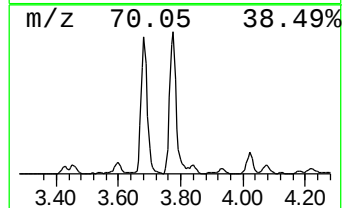
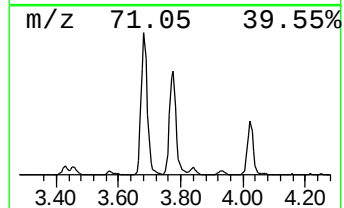
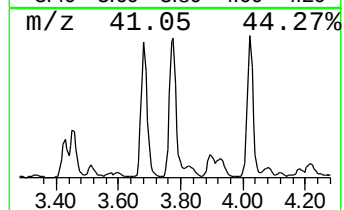
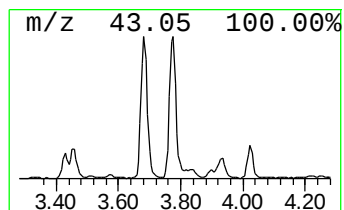
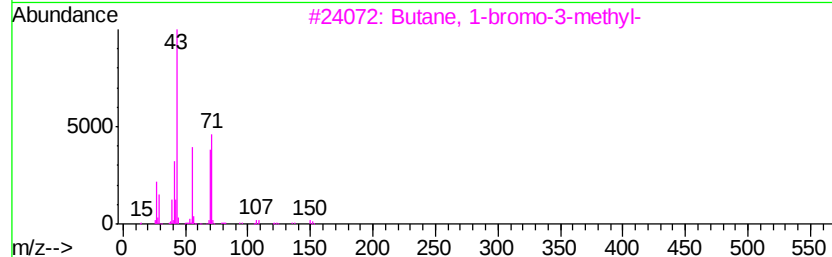
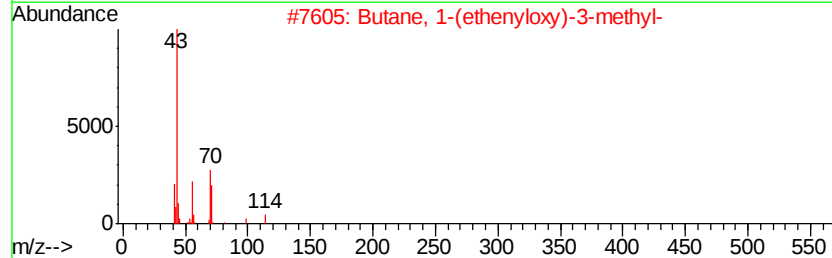
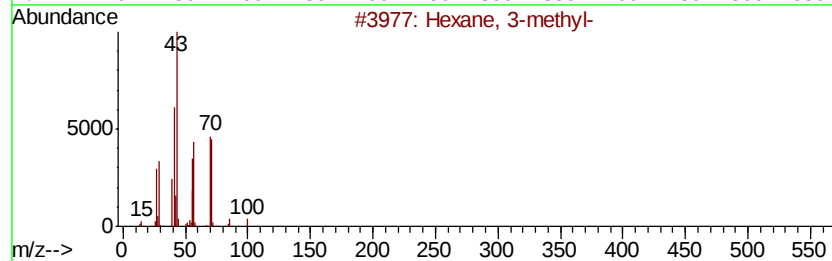
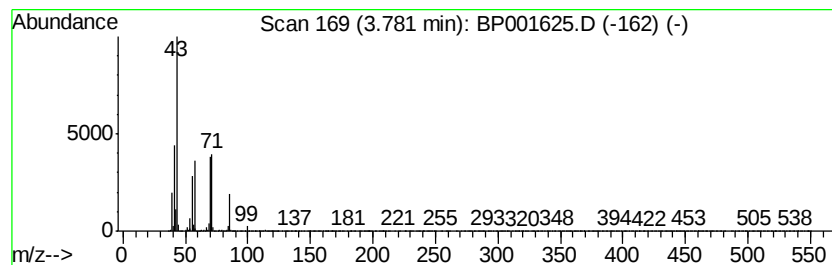
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	22.47 ng	1057480	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
2		Butane, 1-(ethenyloxy)-3-methyl-	114	C7H14O	039782-38-2	72
3		Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	72
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
5		Octane, 4-methyl-	128	C9H20	002216-34-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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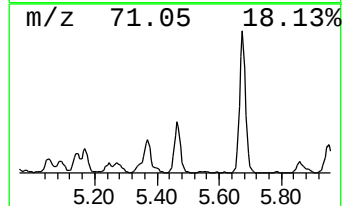
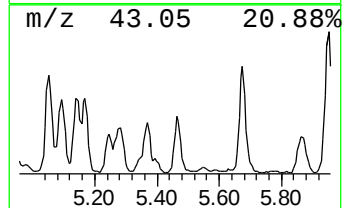
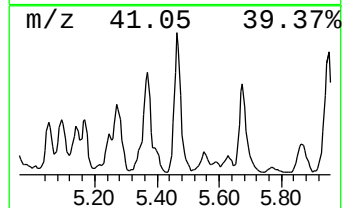
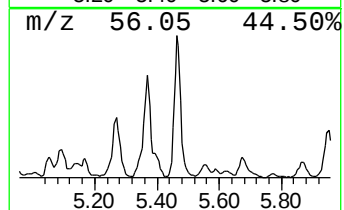
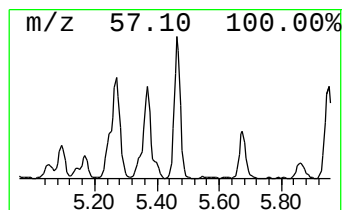
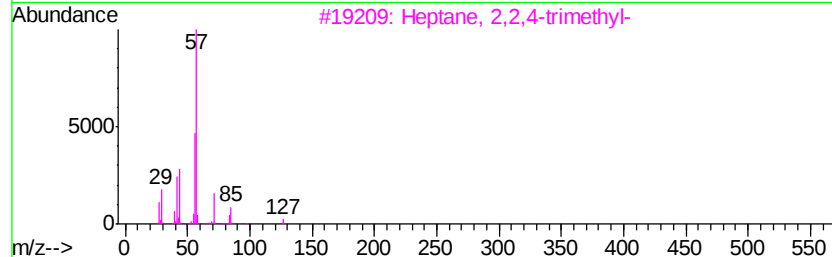
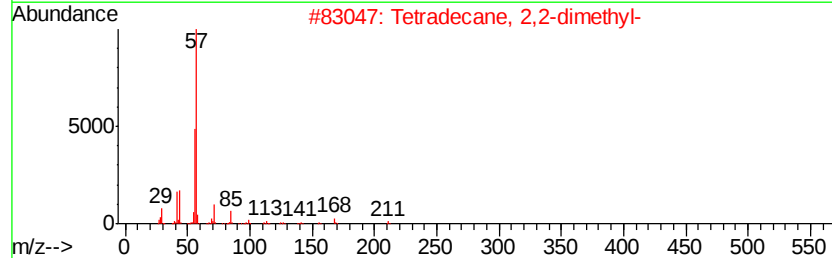
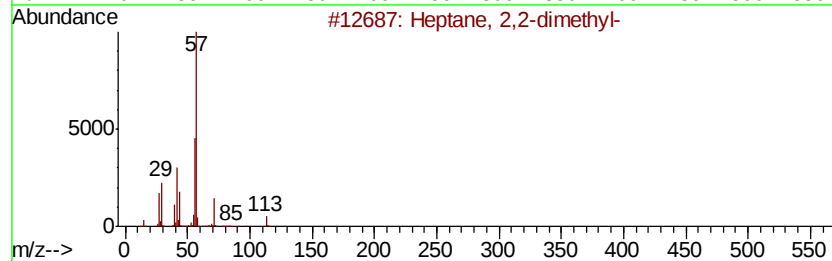
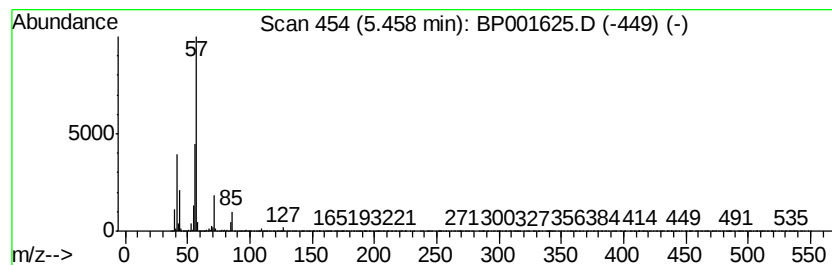
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptane, 2,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	13.56 ng	638105	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
2		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	64
4		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
5		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64



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Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
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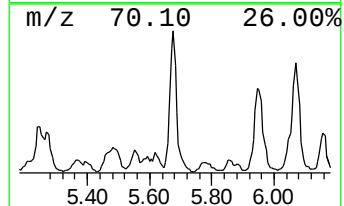
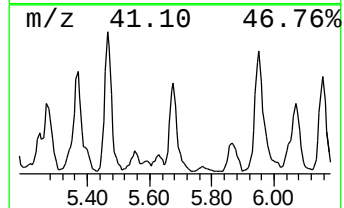
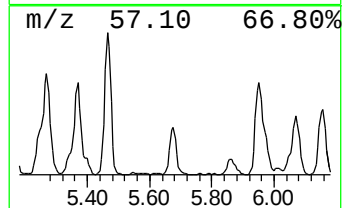
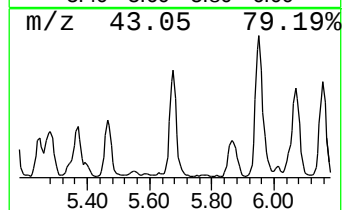
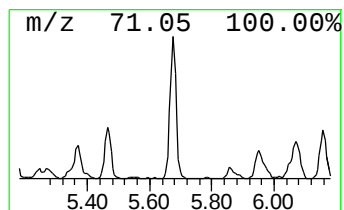
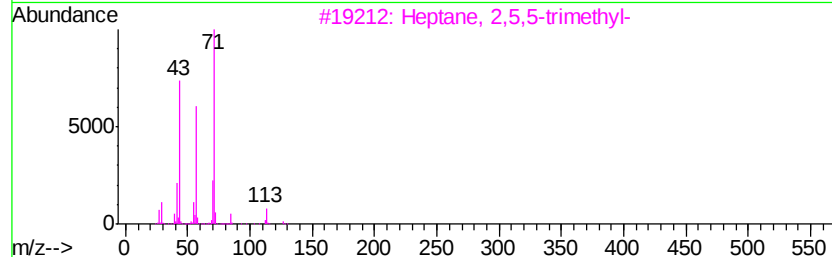
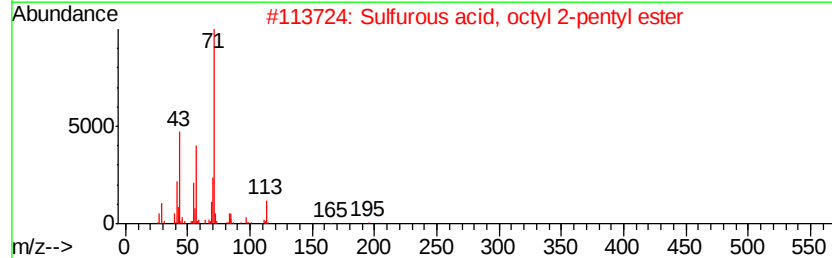
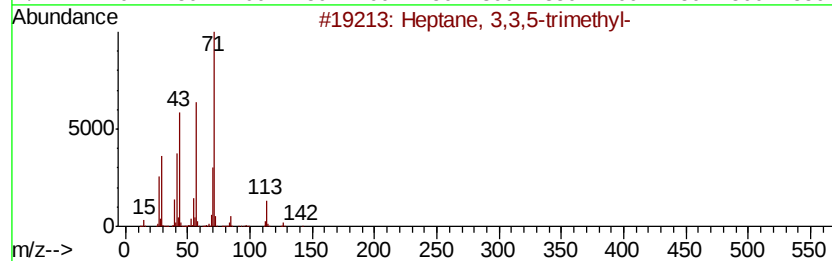
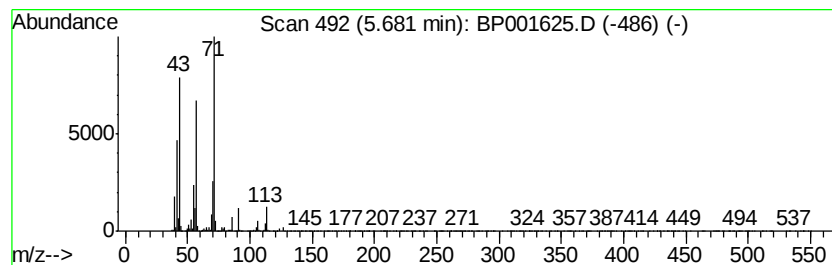
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptane, 3,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	11.97 ng	563145	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	86
2		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	83
3		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	83
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
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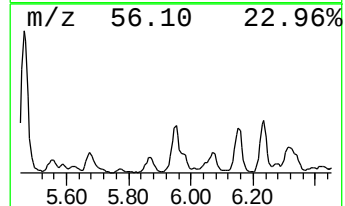
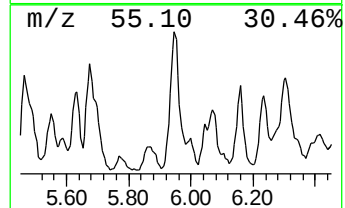
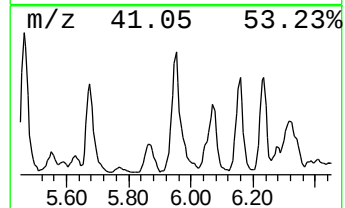
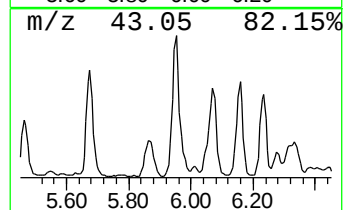
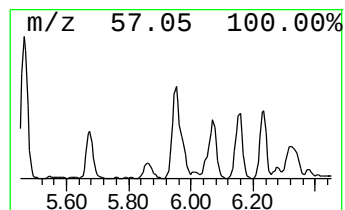
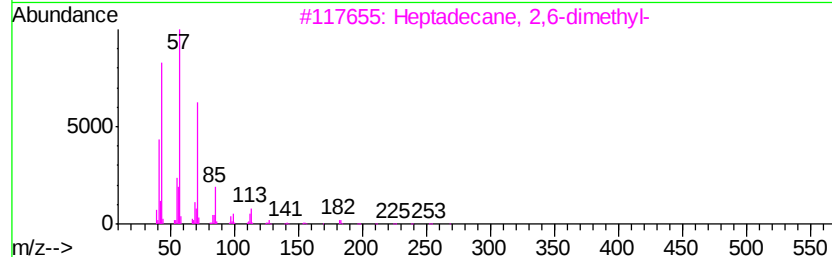
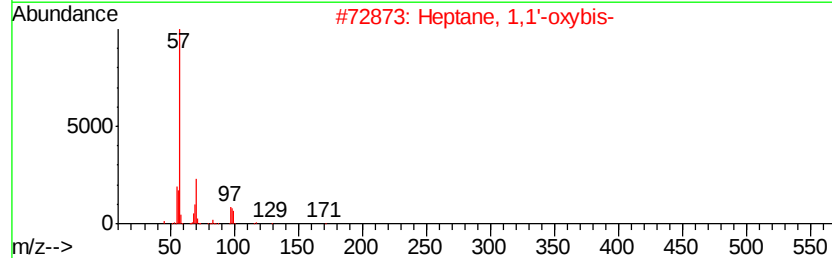
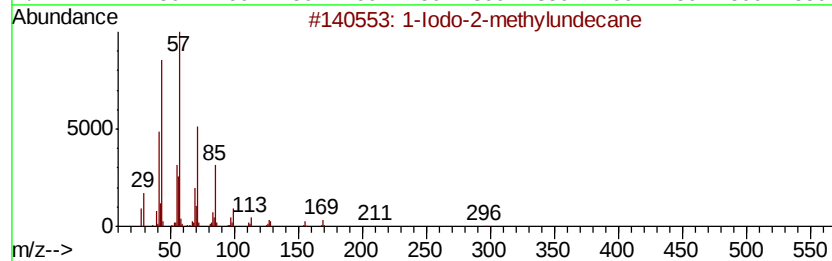
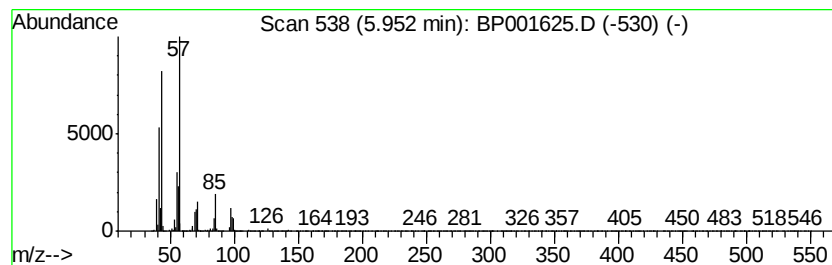
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	17.22 ng	810319	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
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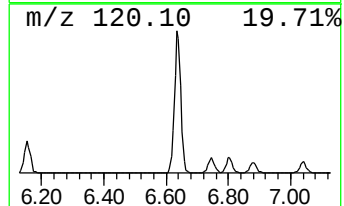
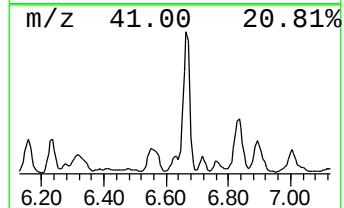
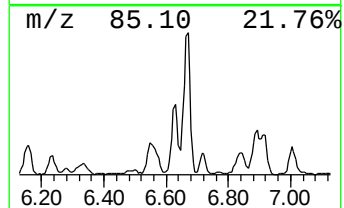
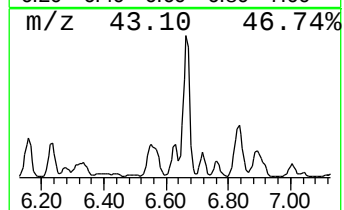
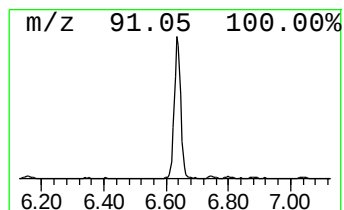
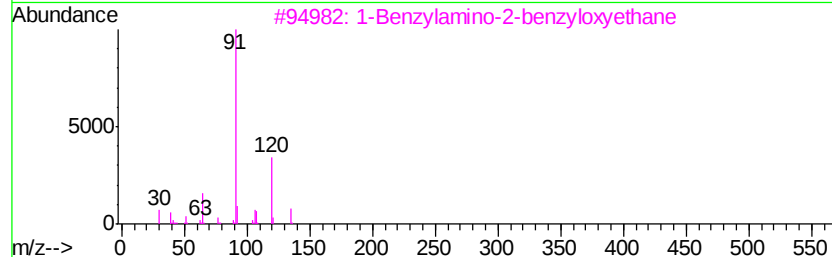
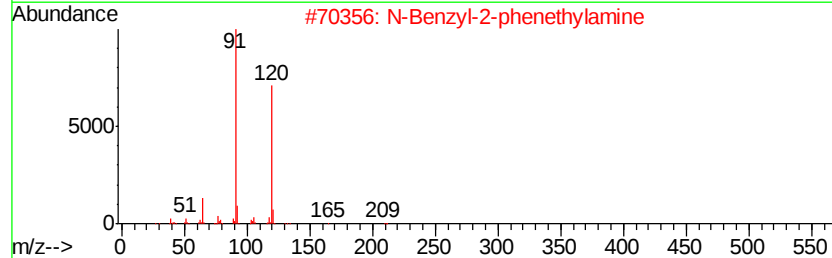
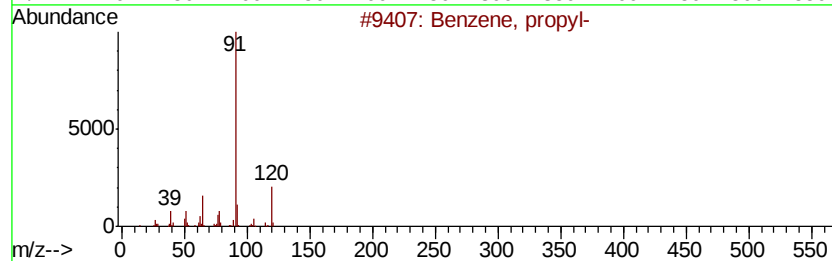
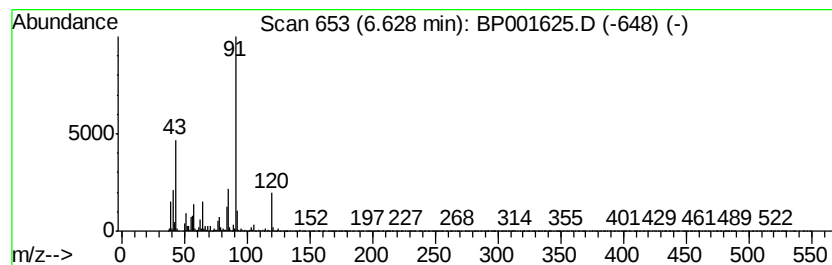
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	12.23 ng	575671	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	94
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3		1-Benzylamino-2-benzylloxvethane	241	C16H19NO	038336-06-0	59
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5		Bicyclo[3.2.1]oct-2-ene, 4-methy...	120	C9H12	022819-81-4	50



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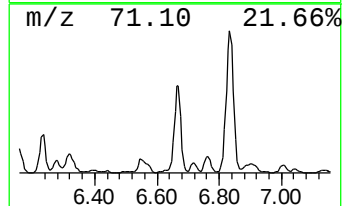
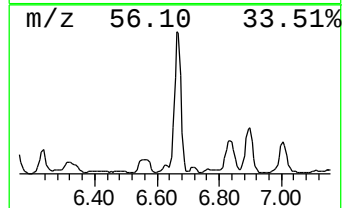
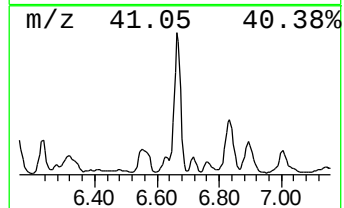
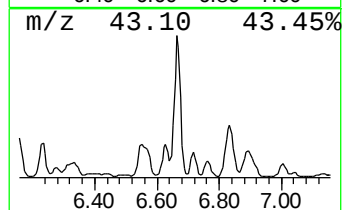
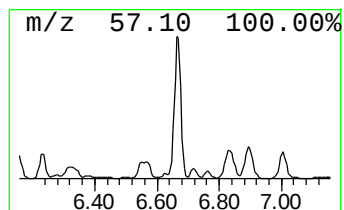
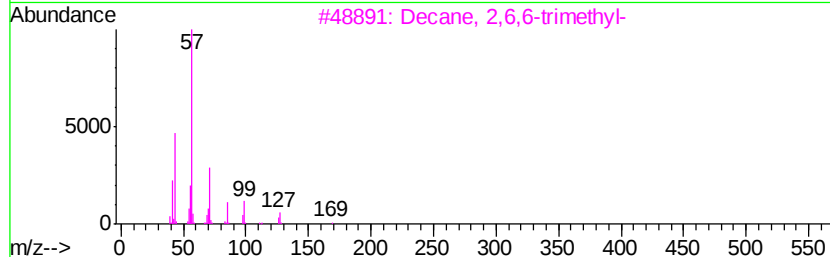
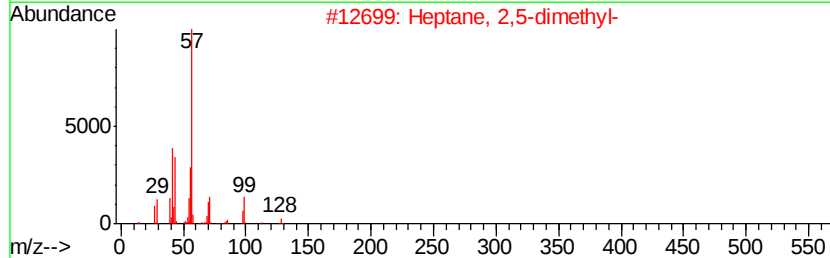
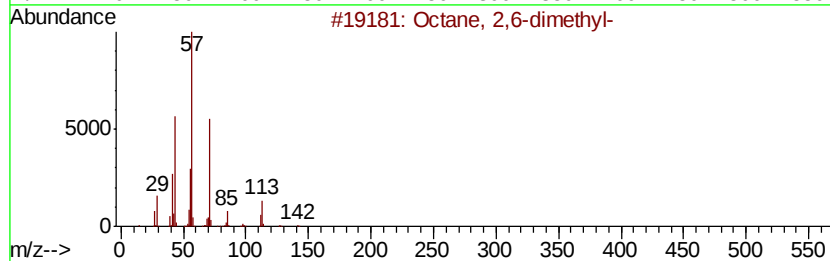
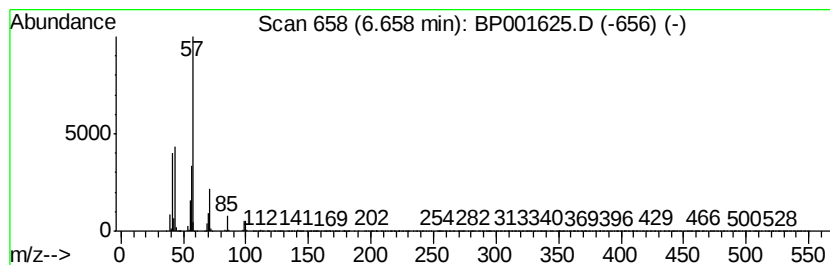
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.34 ng	1710310	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
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Acq On : 16 Jan 2020 00:09
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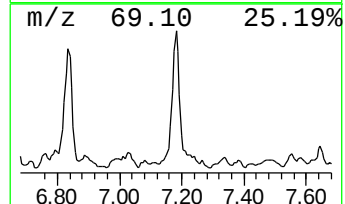
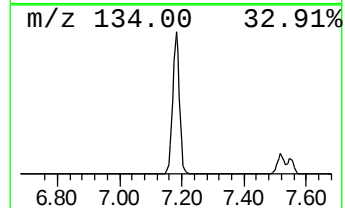
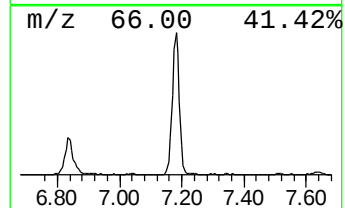
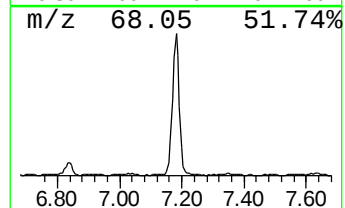
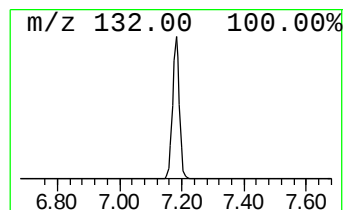
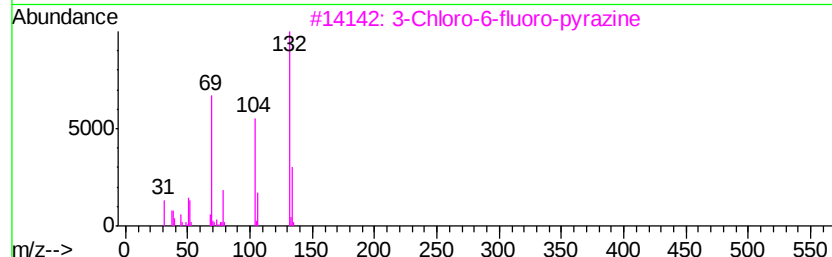
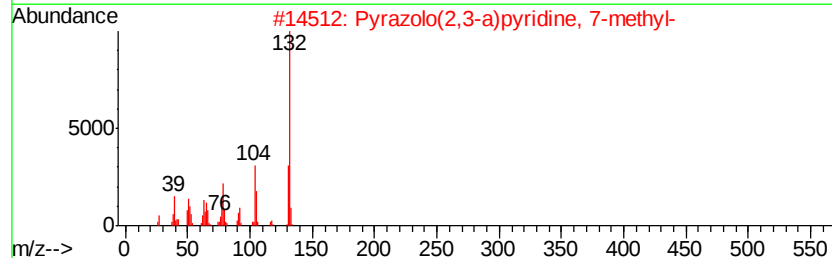
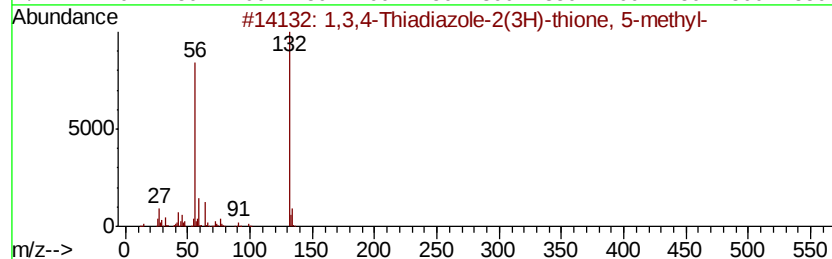
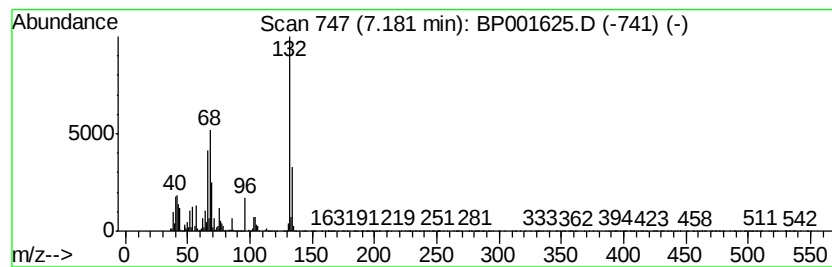
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	37.63 ng	1770670	1,4-Dichlorobenzene-d4	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	18
2			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
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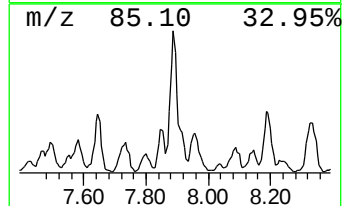
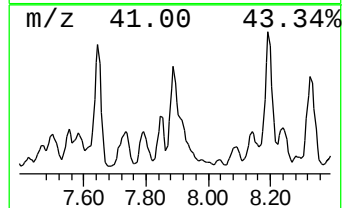
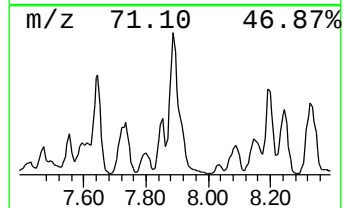
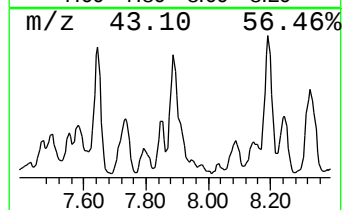
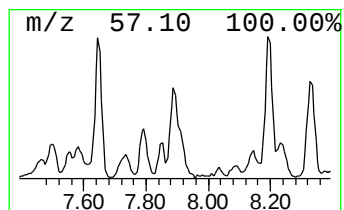
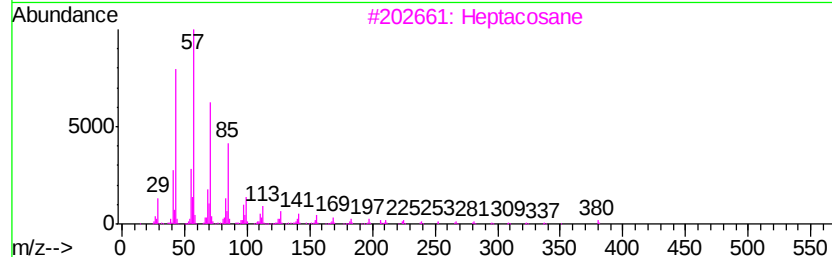
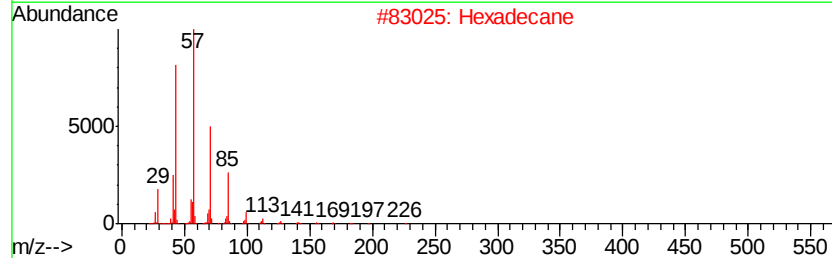
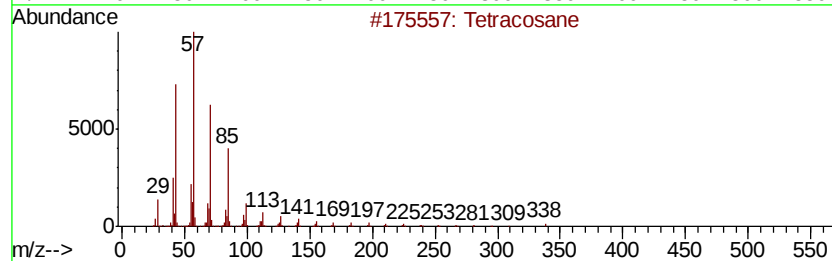
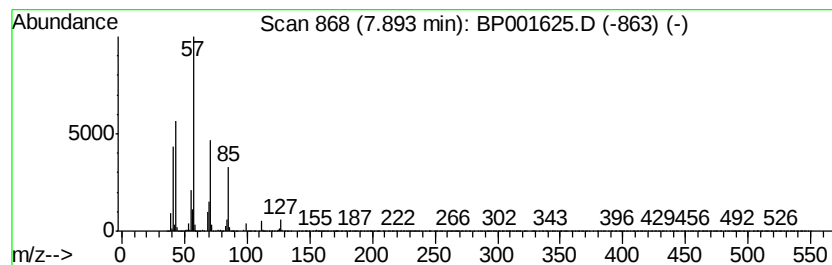
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	13.56 ng	638018	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Octadecane	254	C18H38	000593-45-3	74
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

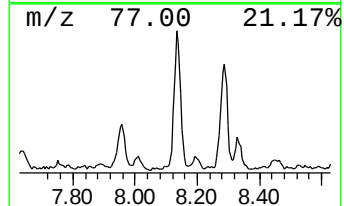
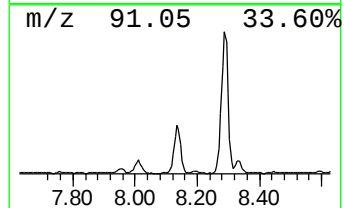
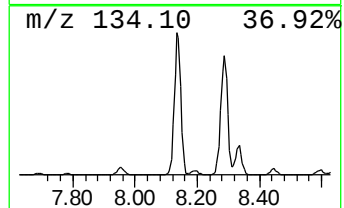
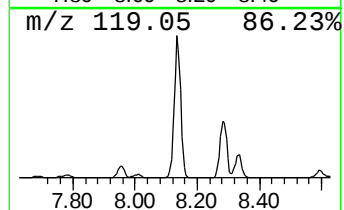
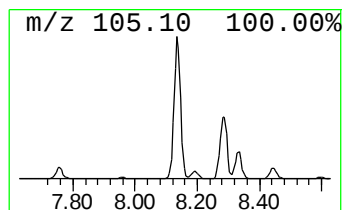
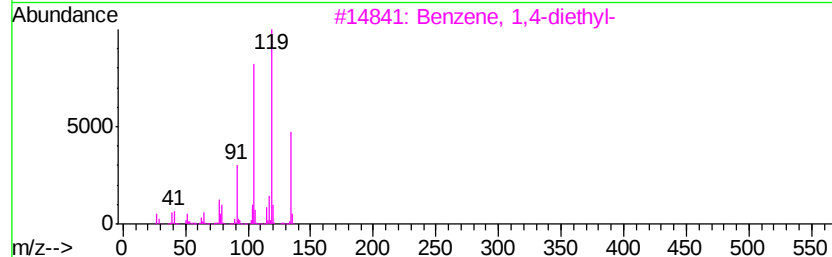
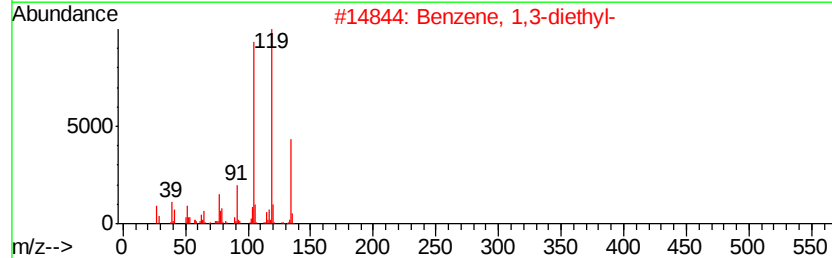
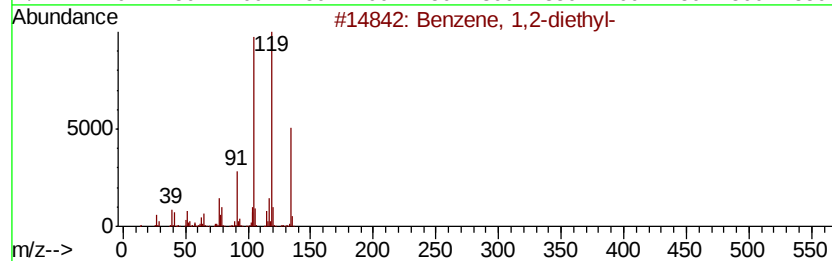
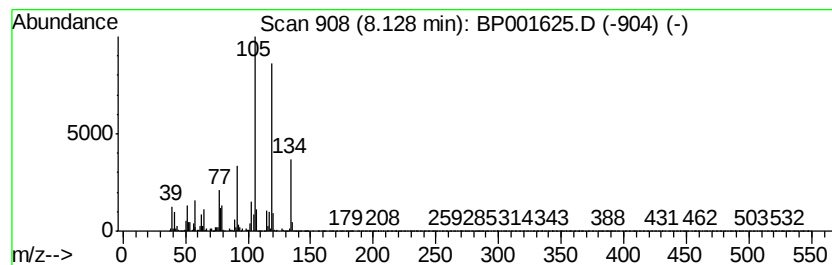
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	12.18 ng	573261	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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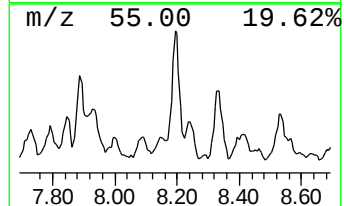
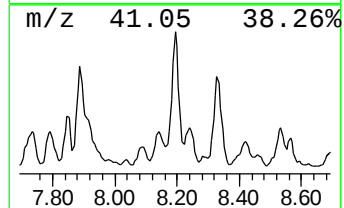
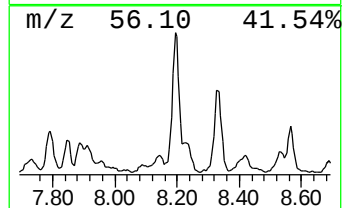
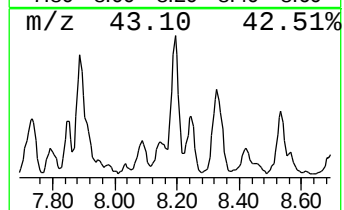
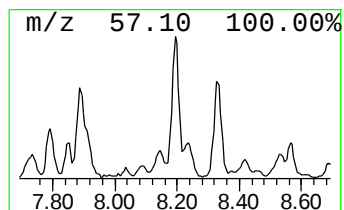
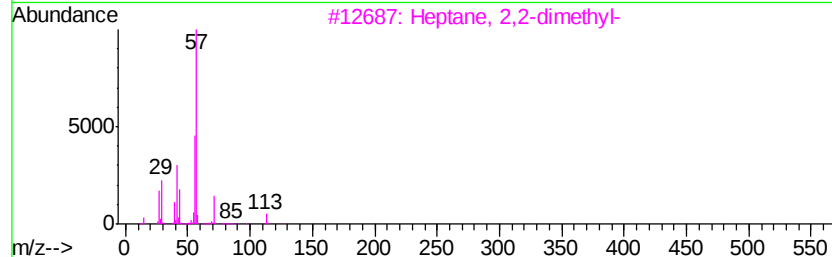
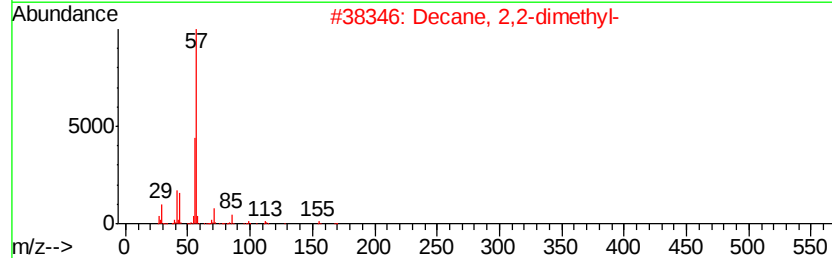
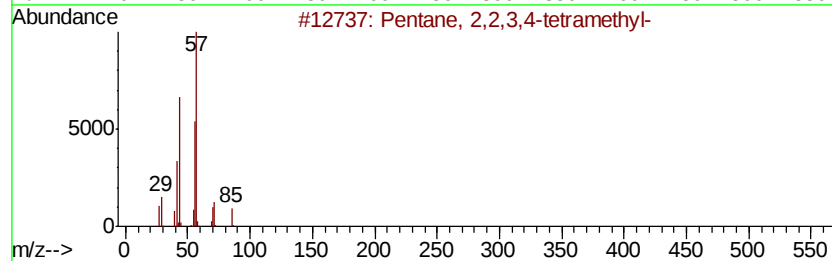
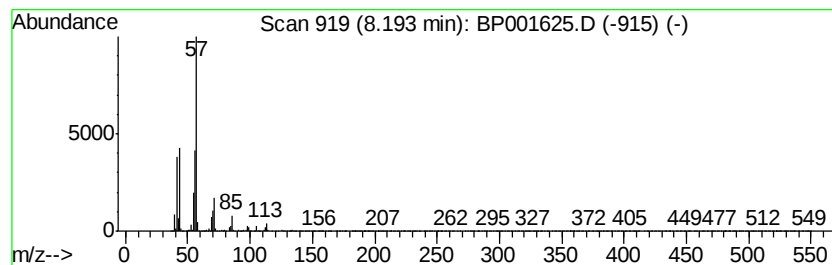
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	14.42 ng	678671	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
2		Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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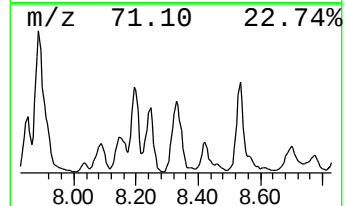
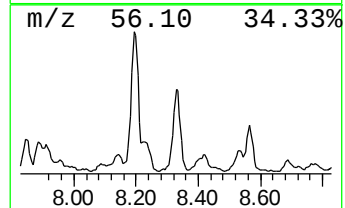
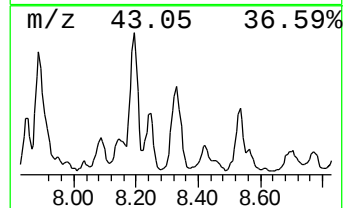
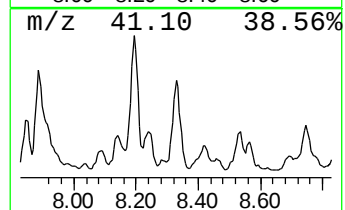
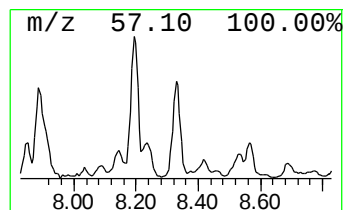
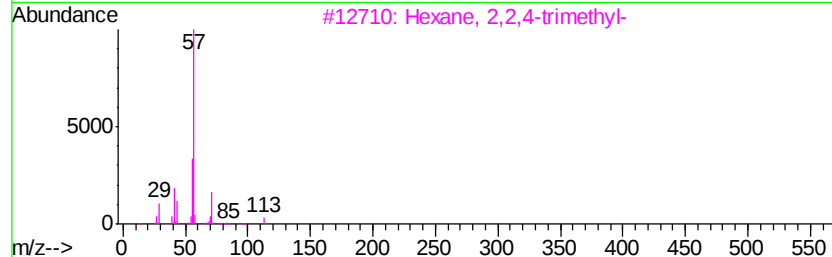
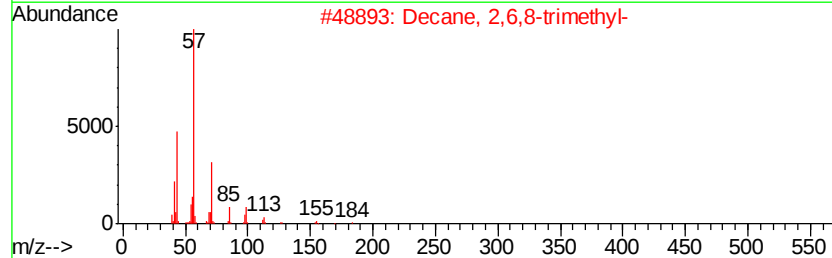
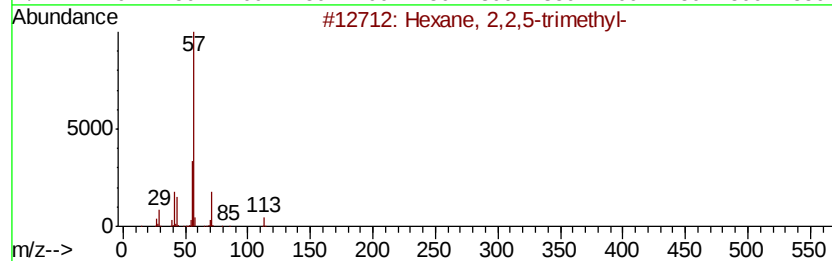
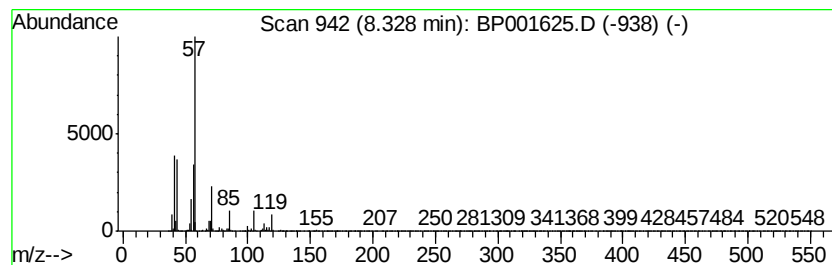
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexane, 2,2,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.12 ng	570258	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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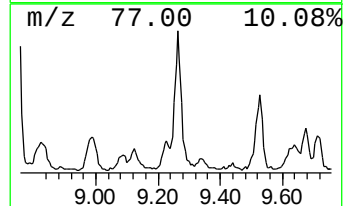
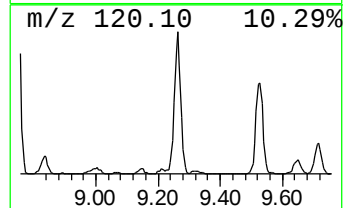
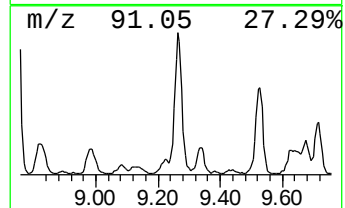
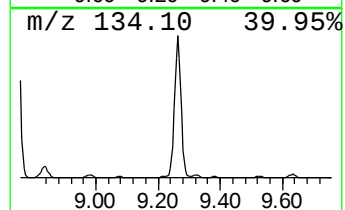
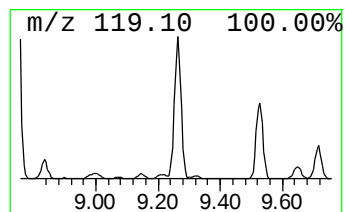
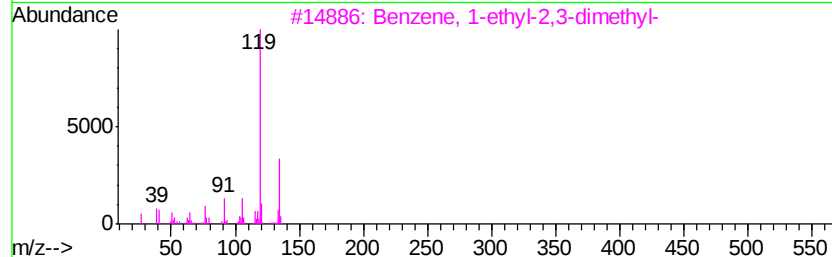
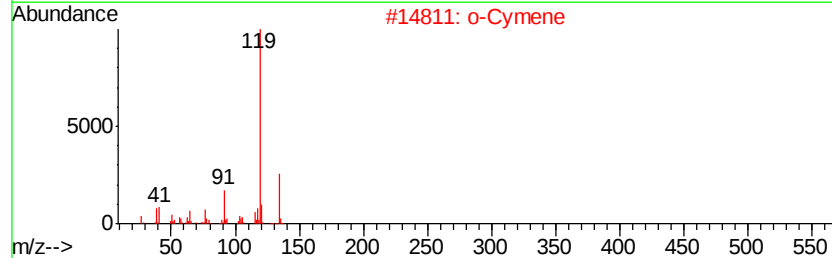
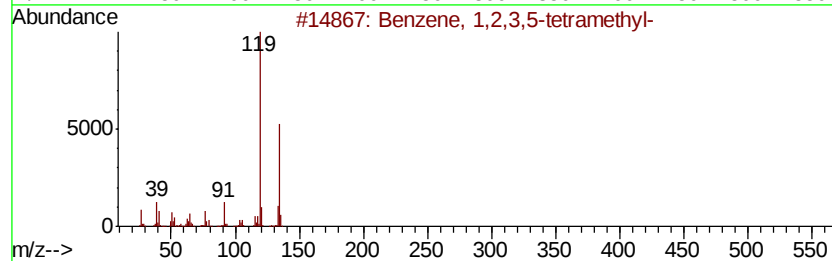
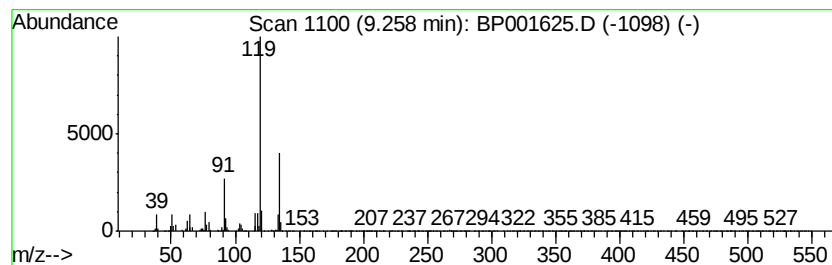
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	16.50 ng	781210	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2		o-Cymene	134	C10H14	000527-84-4	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
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Sample : L1123-08
Misc :
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ClientSampleId :
SB-04-COMP

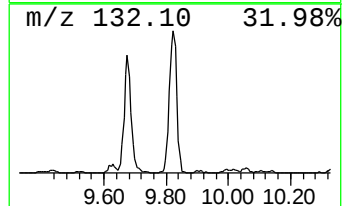
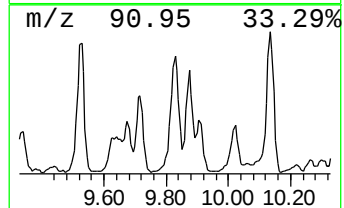
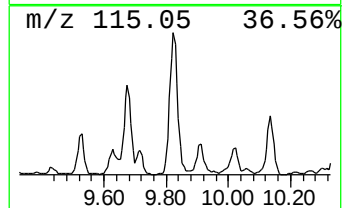
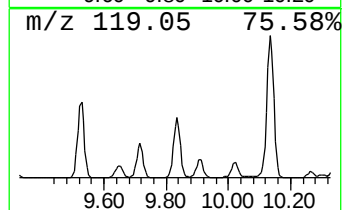
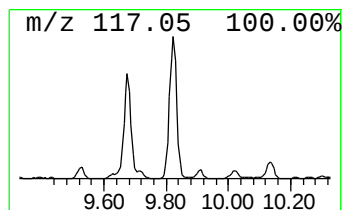
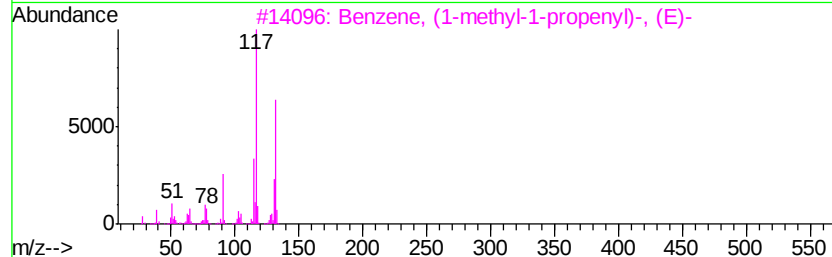
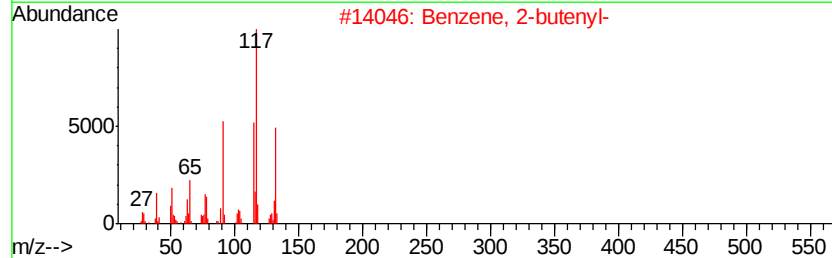
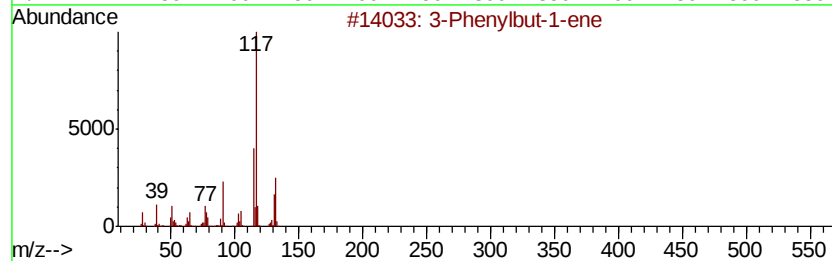
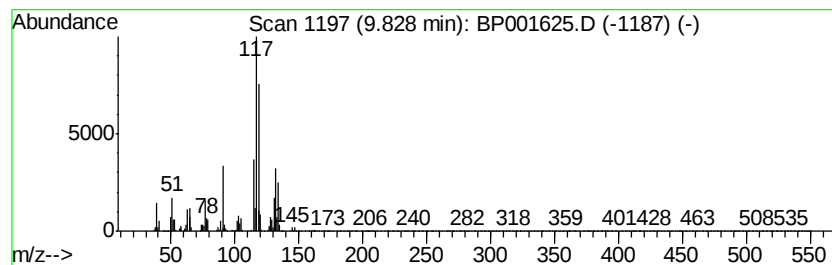
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	17.80 ng	842790	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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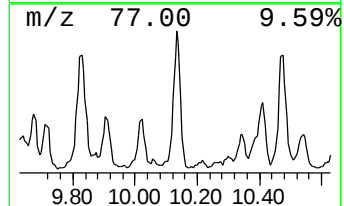
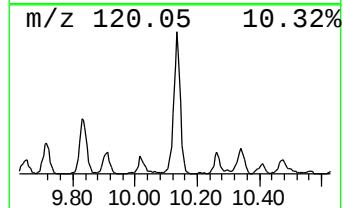
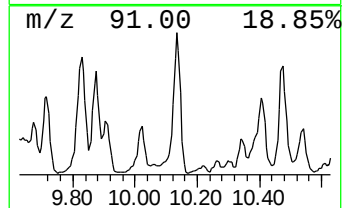
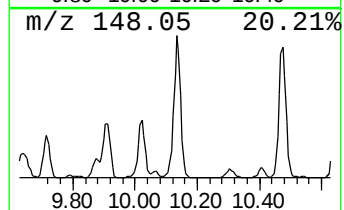
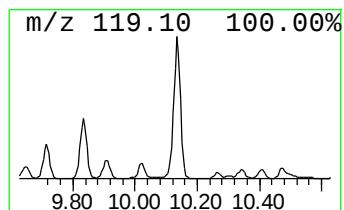
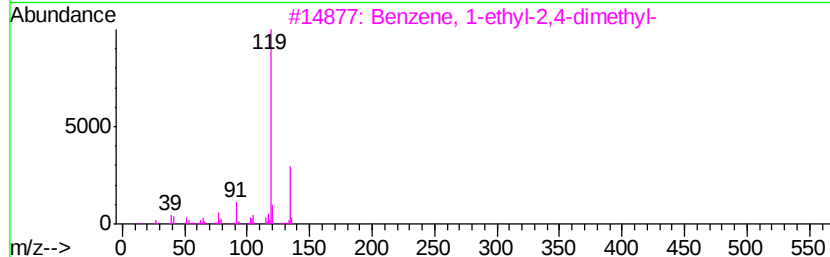
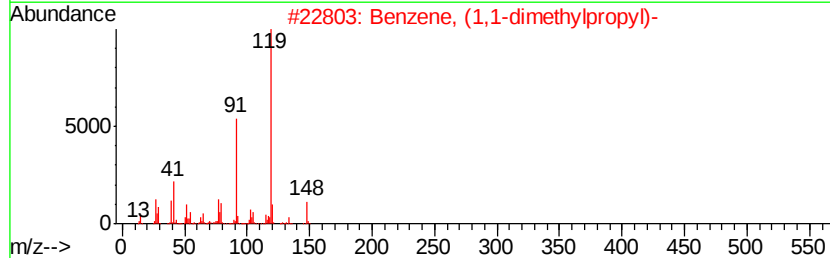
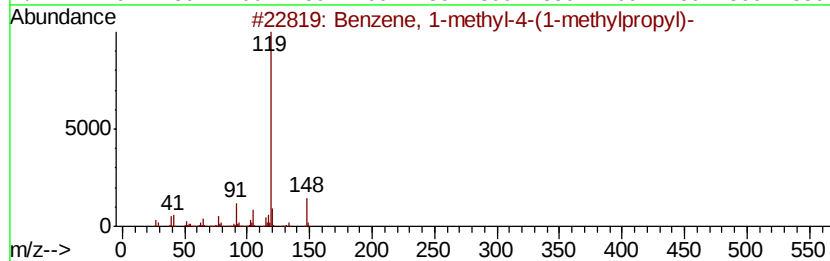
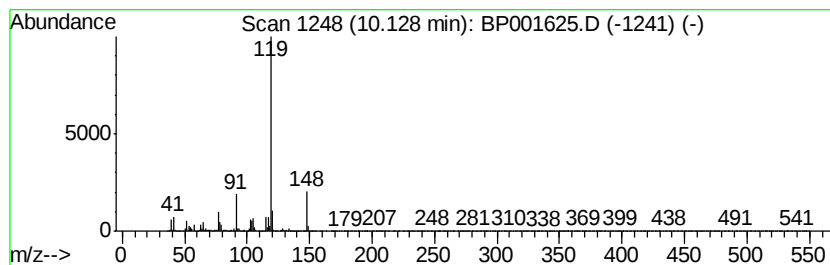
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	12.03 ng	569681	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-COMP

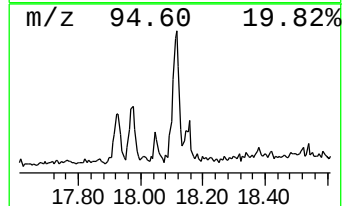
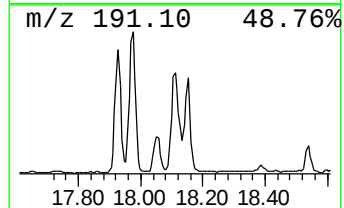
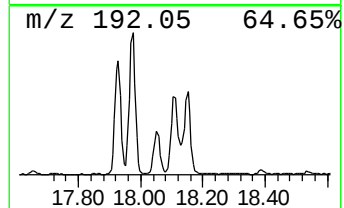
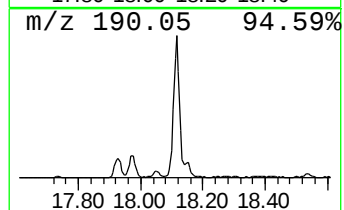
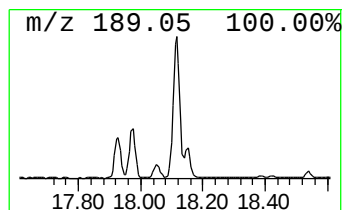
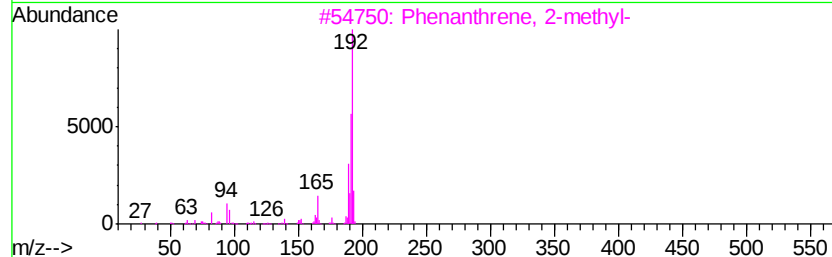
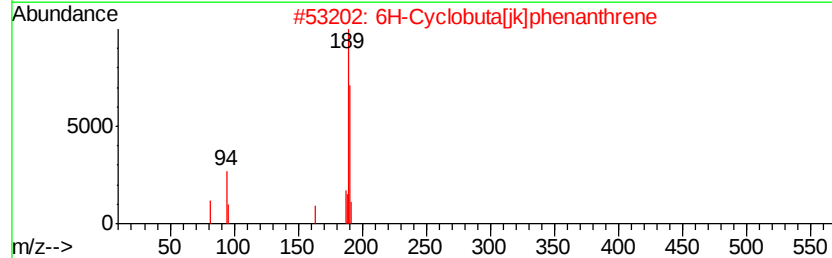
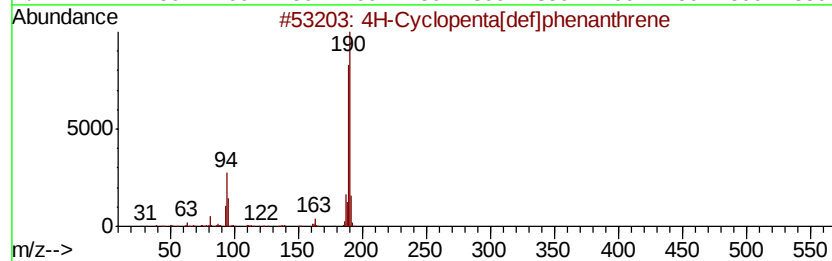
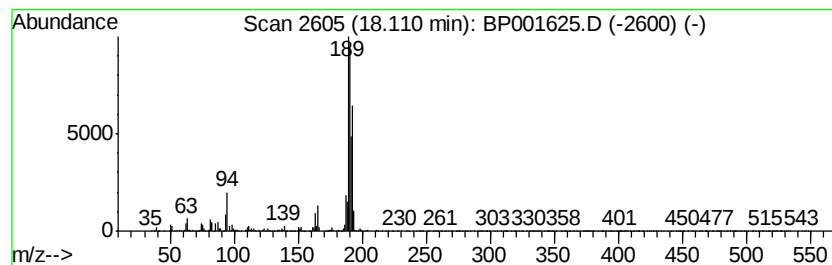
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	17.08 ng	459308	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001625.D
Acq On : 16 Jan 2020 00:09
Operator : JU
Sample : L1123-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

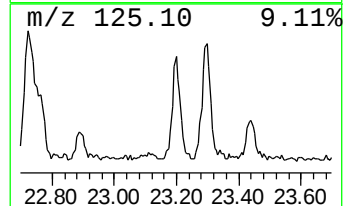
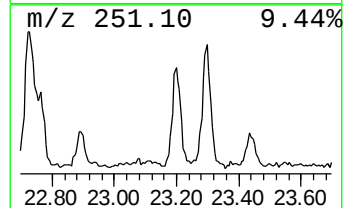
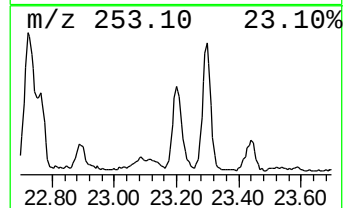
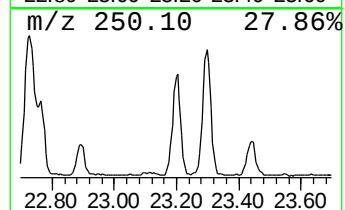
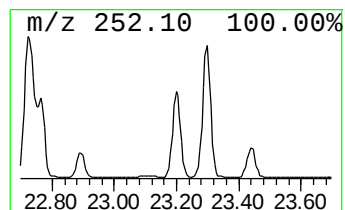
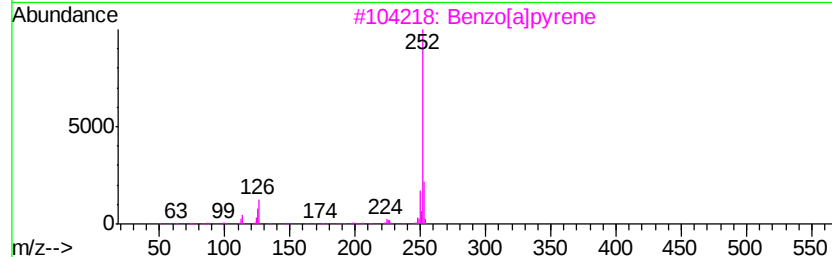
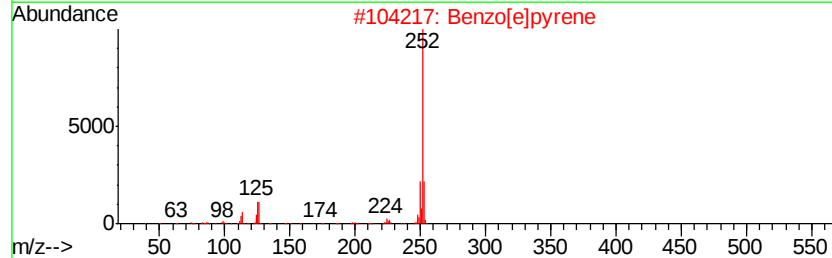
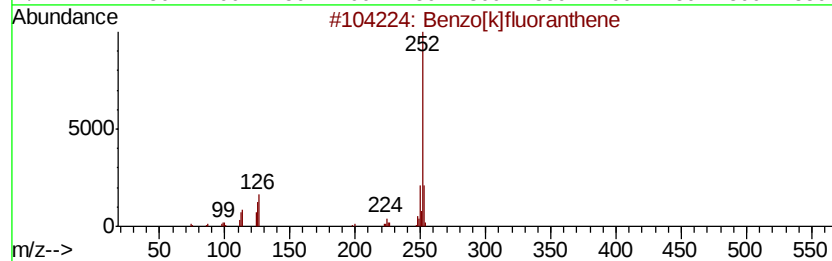
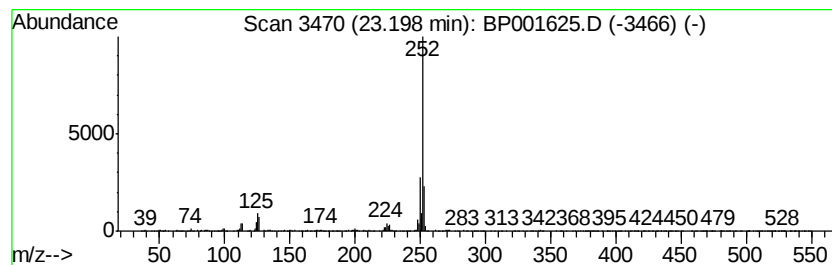
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	23.52 ng	471461	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
 Data File : BP001625.D
 Acq On : 16 Jan 2020 00:09
 Operator : JU
 Sample : L1123-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
Pentane, 2,2,4-tr...	3.05	12.5	ng	588653	1	7.64	941219	20.0
Pentane, 2,3,4-tr...	3.68	19.7	ng	926364	1	7.64	941219	20.0
Hexane, 3-methyl-	3.78	22.5	ng	1057480	1	7.64	941219	20.0
Heptane, 2,2-dime...	5.46	13.6	ng	638105	1	7.64	941219	20.0
Heptane, 3,3,5-tr...	5.68	12.0	ng	563145	1	7.64	941219	20.0
1-Iodo-2-methylun...	5.95	17.2	ng	810319	1	7.64	941219	20.0
Benzene, propyl-	6.63	12.2	ng	575671	1	7.64	941219	20.0
Octane, 2,6-dimet...	6.66	36.3	ng	1710310	1	7.64	941219	20.0
unknown7.18	7.18	37.6	ng	1770670	1	7.64	941219	20.0
Tetracosane	7.89	13.6	ng	638018	1	7.64	941219	20.0
Benzene, 1,2-diet...	8.13	12.2	ng	573261	1	7.64	941219	20.0
Pentane, 2,2,3,4-...	8.19	14.4	ng	678671	1	7.64	941219	20.0
Hexane, 2,2,5-tri...	8.33	12.1	ng	570258	1	7.64	941219	20.0
Benzene, 1,2,3,5-...	9.26	16.5	ng	781210	2	10.42	946913	20.0
3-Phenylbut-1-ene	9.83	17.8	ng	842790	2	10.42	946913	20.0
Benzene, 1-methyl...	10.13	12.0	ng	569681	2	10.42	946913	20.0
4H-Cyclopenta[def...	18.11	17.1	ng	459308	4	17.05	537715	20.0
Benzo[e]pyrene	23.20	23.5	ng	471461	6	23.39	400952	20.0