

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115014.D
 Acq On : 13 Jun 2019 20:57
 Operator : HP/JU
 Sample : K3345-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5 061219

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-BF061219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	509	513	517	rBV	1447553	1356511	18.02%	2.387%
2	5.251	528	538	549	rBV2	2933947	4127939	54.84%	7.263%
3	5.810	629	633	637	rBV	432880	381003	5.06%	0.670%
4	6.104	680	683	687	rBV	375723	319532	4.25%	0.562%
5	6.175	691	695	697	rBV	128335	107268	1.43%	0.189%
6	6.204	697	700	704	rVB	479332	373545	4.96%	0.657%
7	6.251	704	708	710	rBV	261663	213716	2.84%	0.376%
8	6.281	710	713	720	rVB	1915319	1647447	21.89%	2.899%
9	6.416	731	736	739	rBV	5336946	5075342	67.43%	8.930%
10	6.475	743	746	749	rVB	1533399	1160886	15.42%	2.043%
11	6.645	771	775	779	rBV	1780808	1435253	19.07%	2.525%
12	6.704	783	785	788	rVB	101109	84973	1.13%	0.150%
13	6.804	797	802	804	rBV	5526210	5060480	67.23%	8.904%
14	6.828	804	806	810	rVB	607794	443533	5.89%	0.780%
15	6.975	827	831	833	rBV	132673	115520	1.53%	0.203%
16	7.122	852	856	858	rBV	98952	84654	1.12%	0.149%
17	7.210	863	871	874	rBV	3910638	4240312	56.33%	7.461%
18	7.422	902	907	909	rBV	172699	150466	2.00%	0.265%
19	7.451	909	912	915	rVB	209037	180819	2.40%	0.318%
20	7.604	933	938	941	rBV	95019	88959	1.18%	0.157%
21	7.669	944	949	953	rBV2	283457	313848	4.17%	0.552%
22	7.769	960	966	969	rVB2	88155	89313	1.19%	0.157%
23	7.928	988	993	995	rBV	2096411	2008743	26.69%	3.534%
24	7.945	995	996	1000	rVB	806351	523792	6.96%	0.922%
25	8.639	1108	1114	1116	rBV	211257	201769	2.68%	0.355%
26	8.733	1126	1130	1135	rBV	197788	172121	2.29%	0.303%
27	9.004	1170	1176	1179	rBV	7221201	7526985	100.00%	13.244%
28	9.675	1285	1290	1293	rBV	2281411	2115406	28.10%	3.722%
29	10.457	1418	1423	1435	rBV	4202793	4134113	54.92%	7.274%
30	11.145	1536	1540	1544	rBV	2397228	2121536	28.19%	3.733%
31	12.733	1805	1810	1813	rBV	6883557	6753797	89.73%	11.883%
32	13.768	1982	1986	1994	rVB	1858498	1662414	22.09%	2.925%
33	14.263	2067	2070	2073	rBV	108411	87665	1.16%	0.154%
34	14.557	2116	2120	2124	rBV	154583	141133	1.88%	0.248%

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MW-5_061219

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF061219.M
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35	14.857	2167	2171	2176	rBV	166626	192103	2.55%	0.338%
36	15.145	2215	2220	2225	rBV	1308256	1469498	19.52%	2.586%
37	15.198	2225	2229	2235	rVB	192224	242156	3.22%	0.426%
38	15.586	2289	2295	2302	rBV	173447	255840	3.40%	0.450%
39	16.033	2365	2371	2378	rBV	98057	173415	2.30%	0.305%

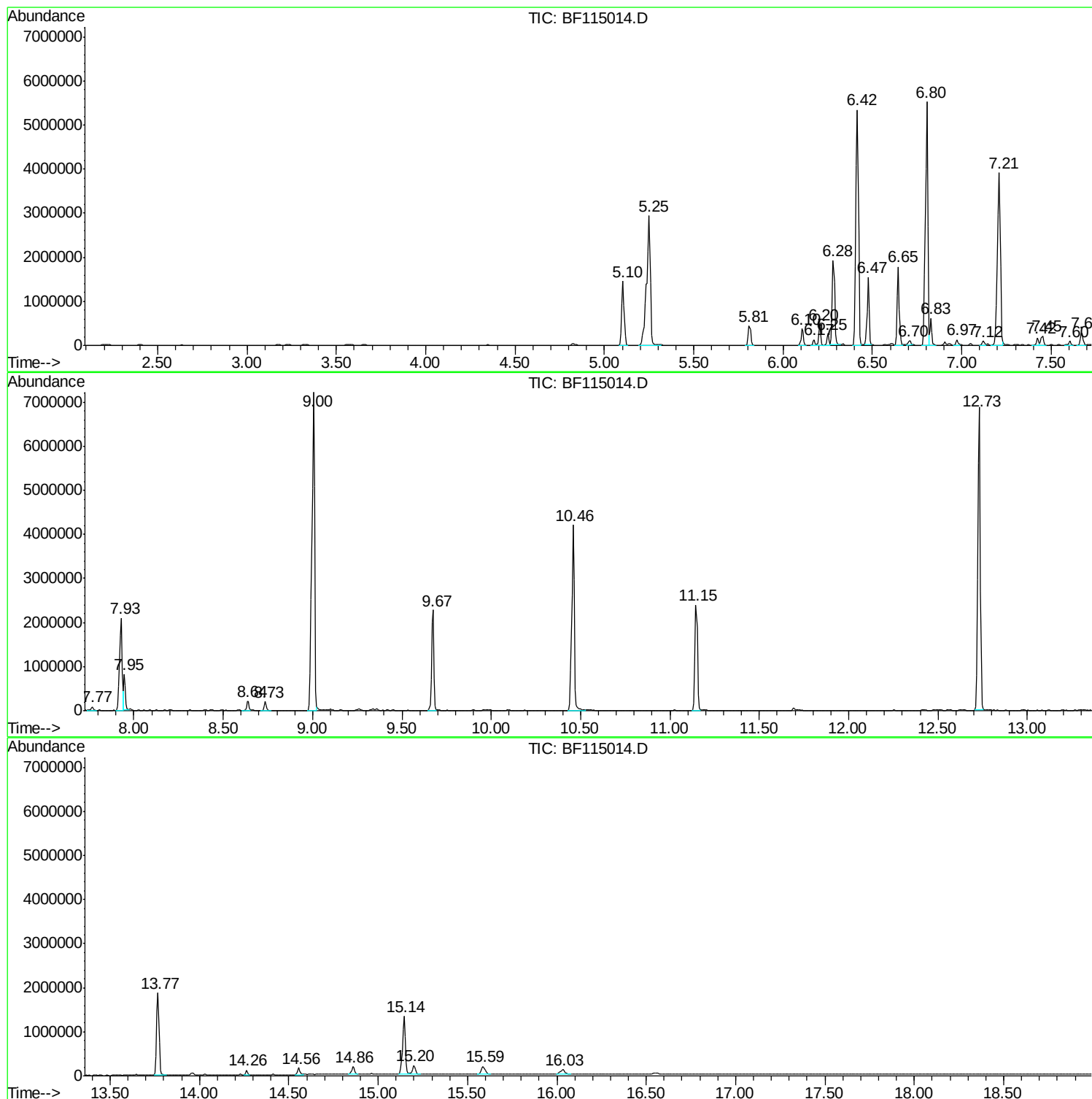
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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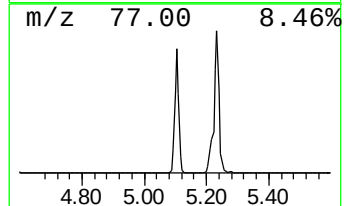
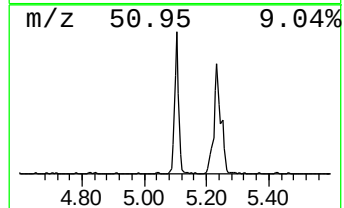
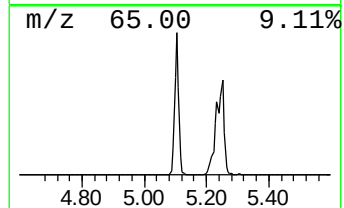
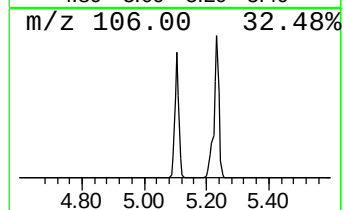
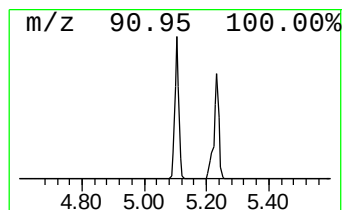
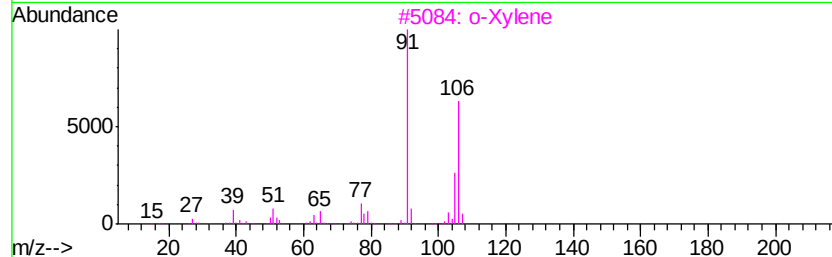
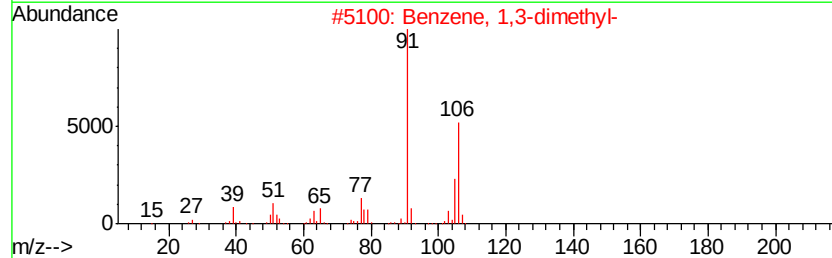
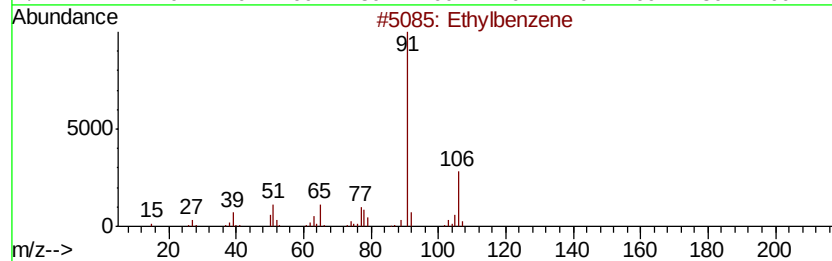
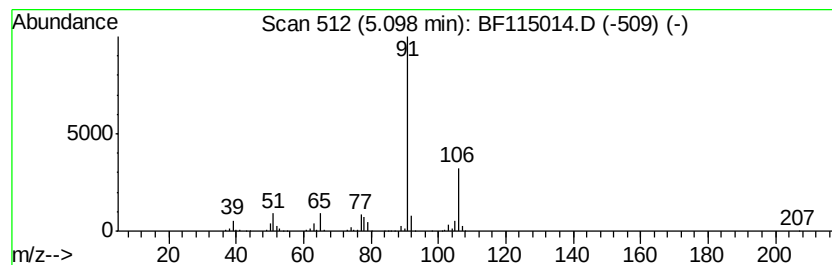
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	18.90 ng	1356510	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	91
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	74
3		o-Xylene	106	C8H10	000095-47-6	64
4		p-Xylene	106	C8H10	000106-42-3	59
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	49



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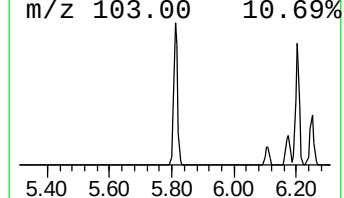
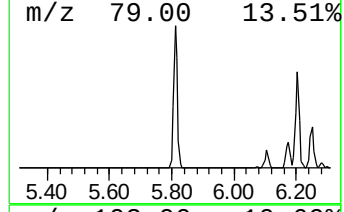
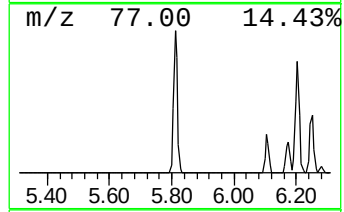
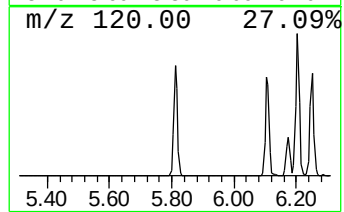
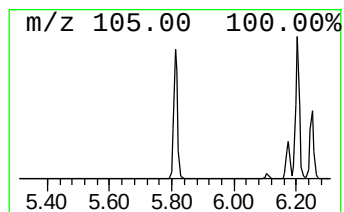
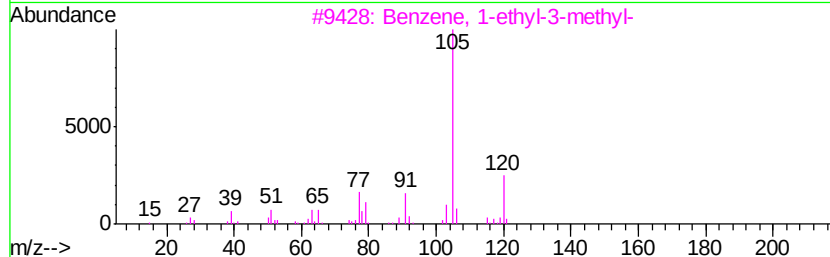
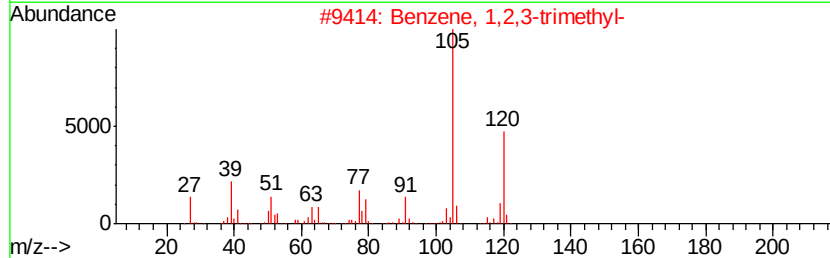
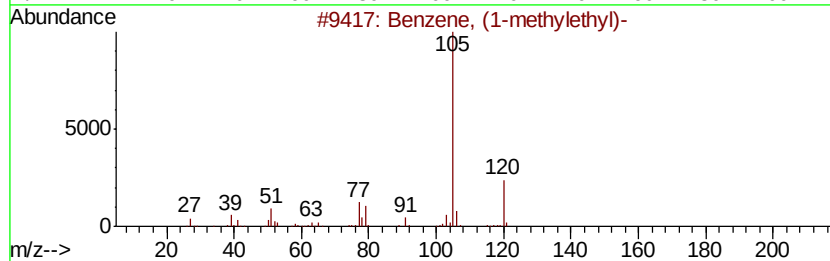
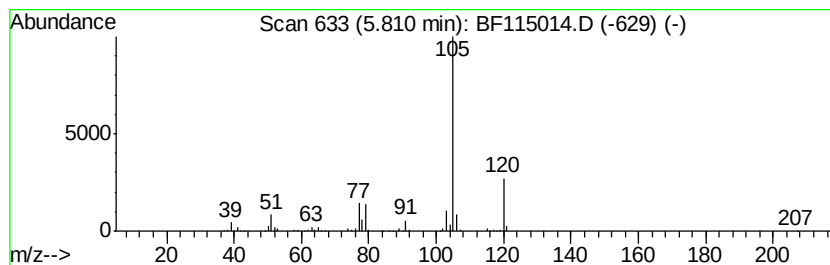
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	5.31 ng	381003	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4		Mesitylene	120	C9H12	000108-67-8	83
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



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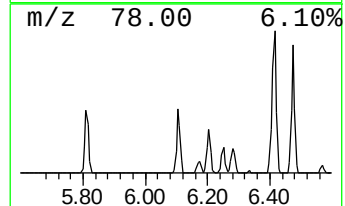
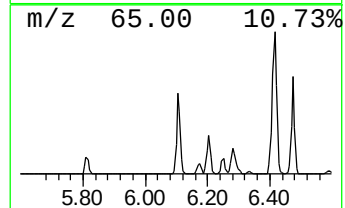
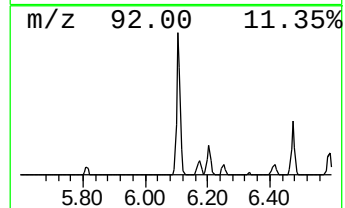
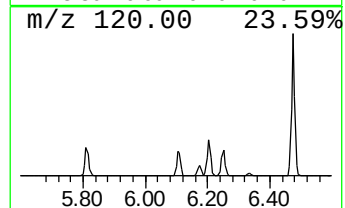
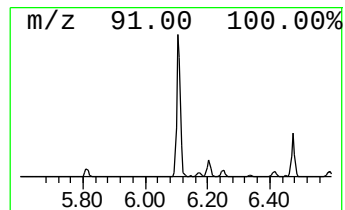
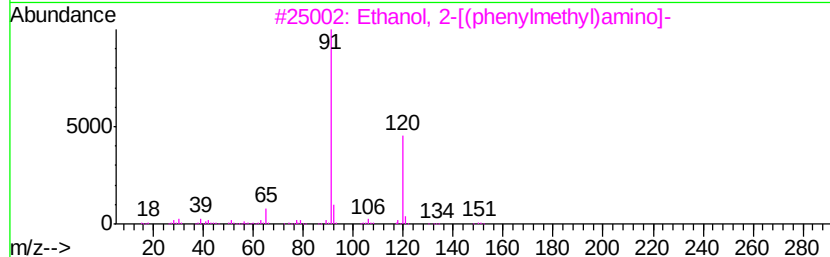
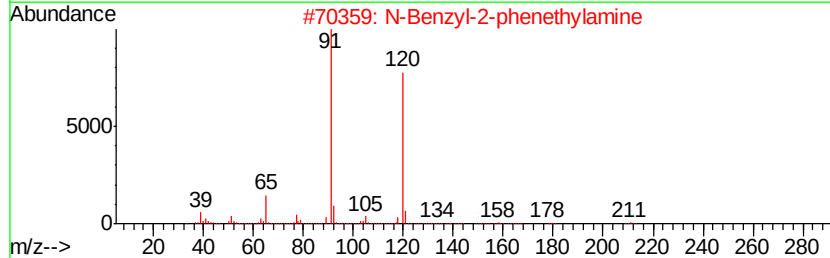
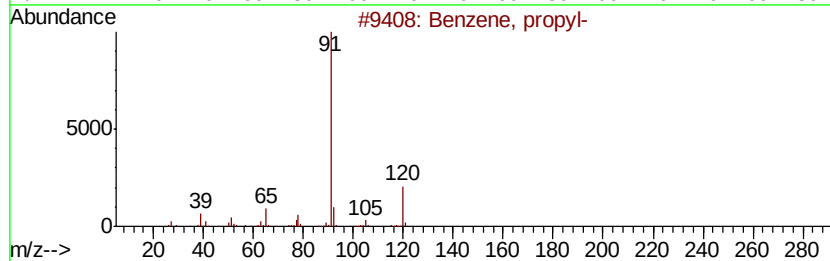
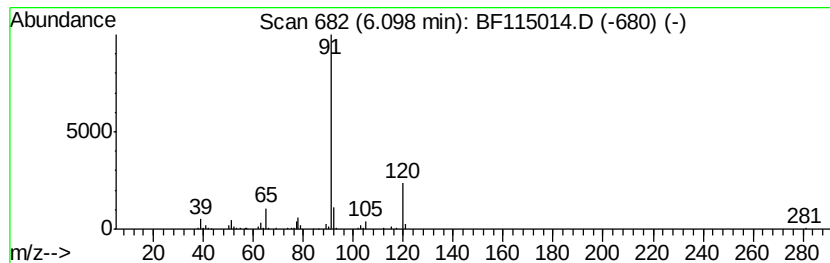
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.10	4.45 ng	319532	1,4-Dichlorobenzene-d4	6.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72



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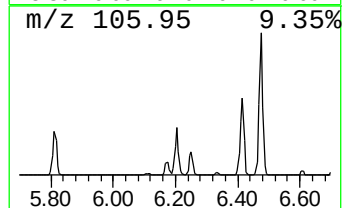
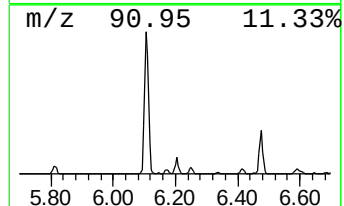
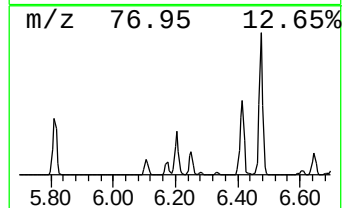
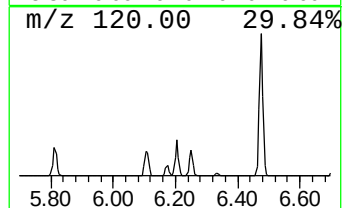
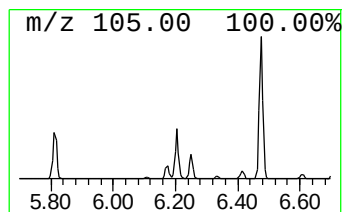
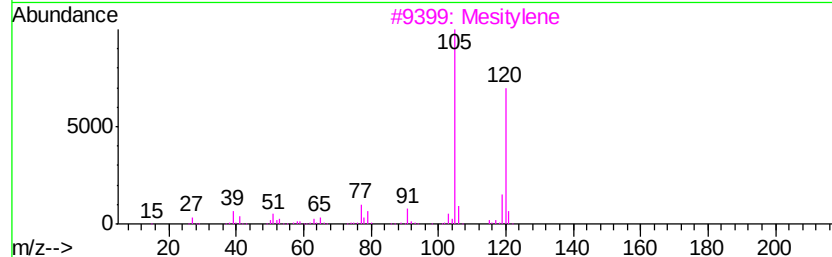
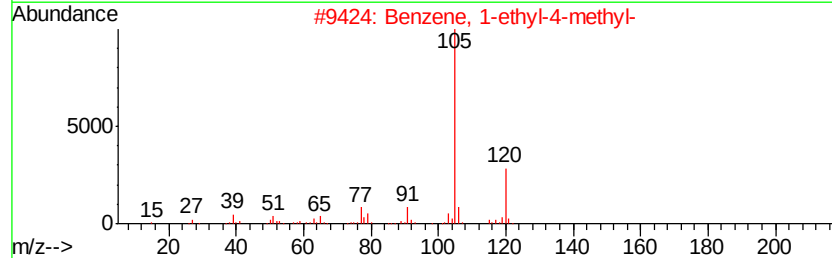
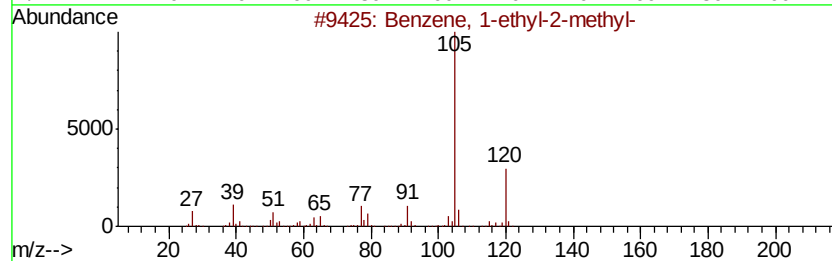
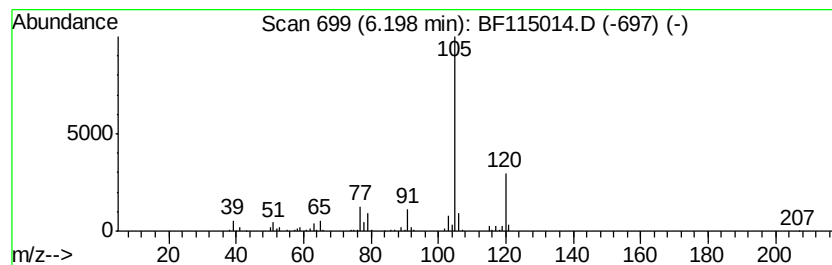
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	5.21 ng	373545	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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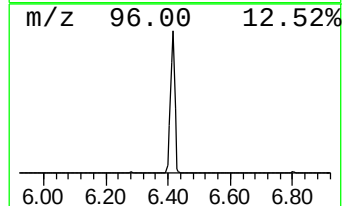
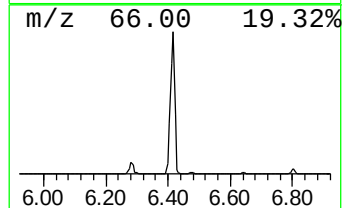
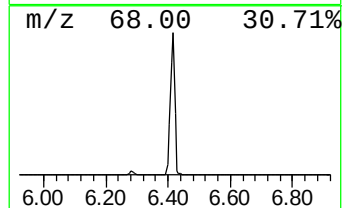
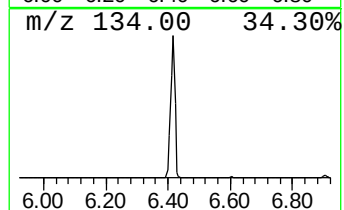
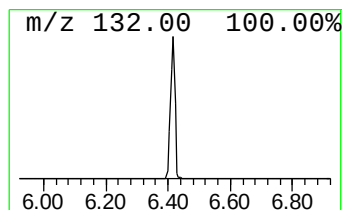
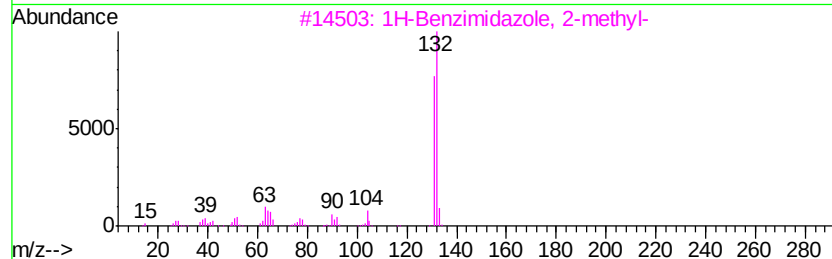
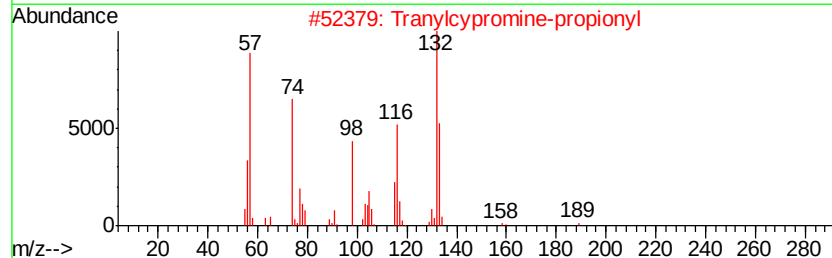
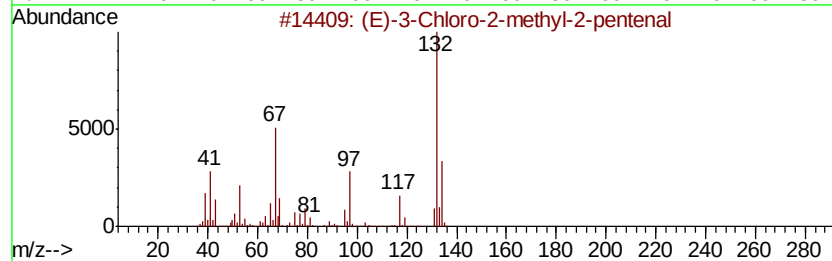
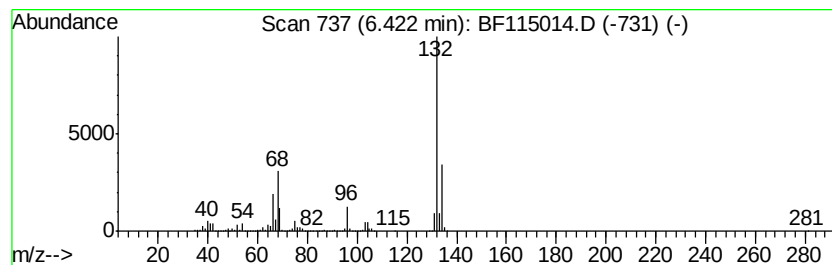
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	70.72 ng	5075340	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
Acq On : 13 Jun 2019 20:57
Operator : HP/JU
Sample : K3345-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

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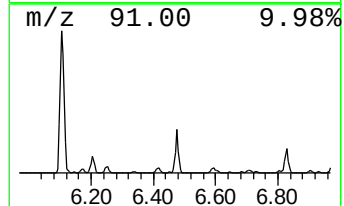
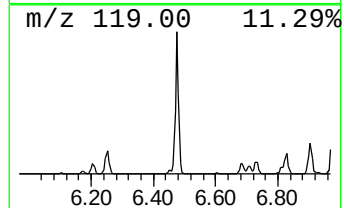
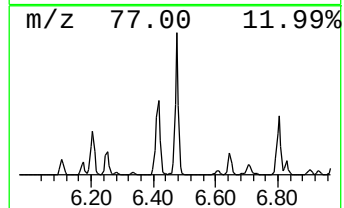
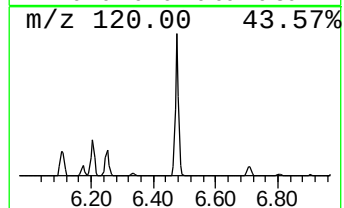
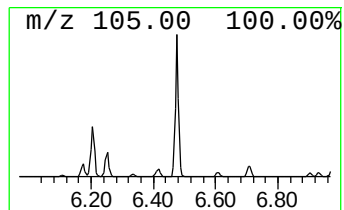
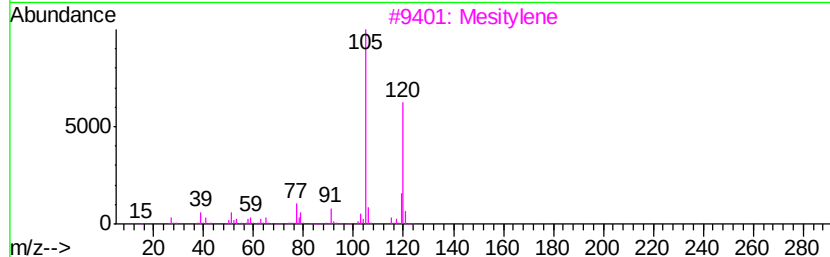
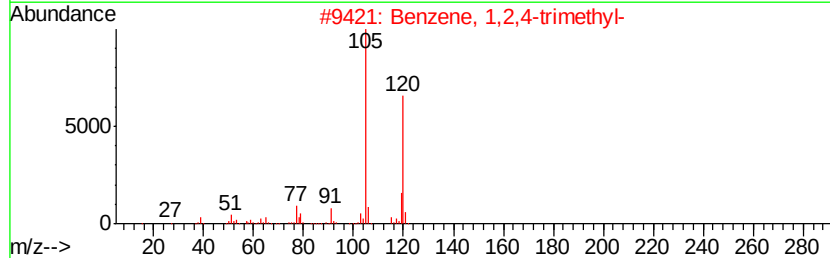
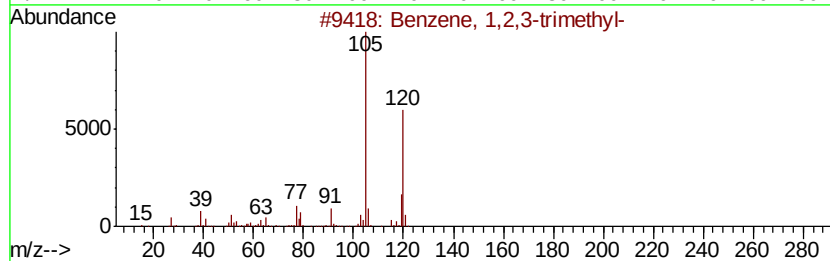
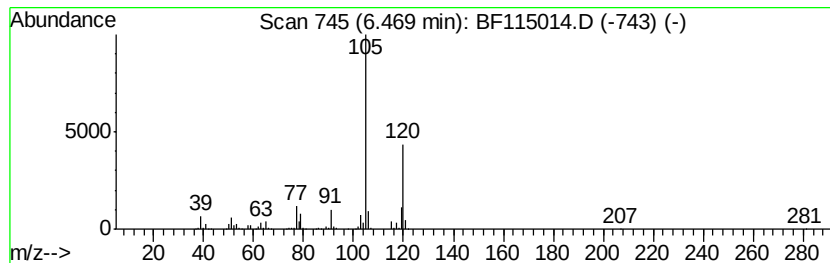
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	16.18 ng	1160890	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
Acq On : 13 Jun 2019 20:57
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Misc :
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Instrument :
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ClientSampleId :
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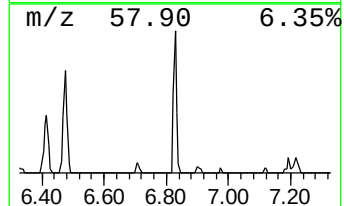
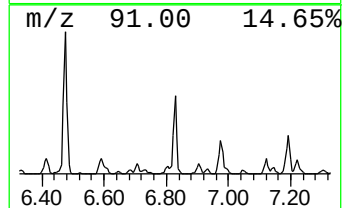
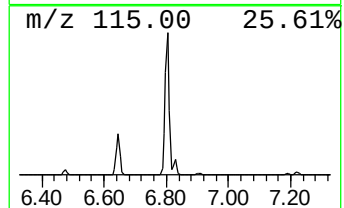
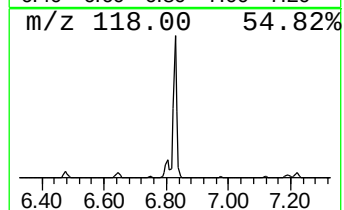
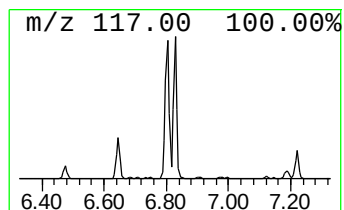
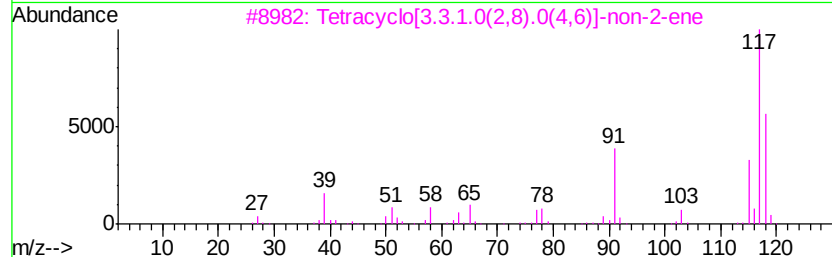
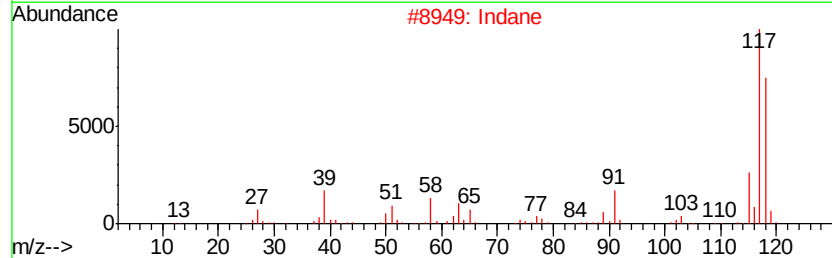
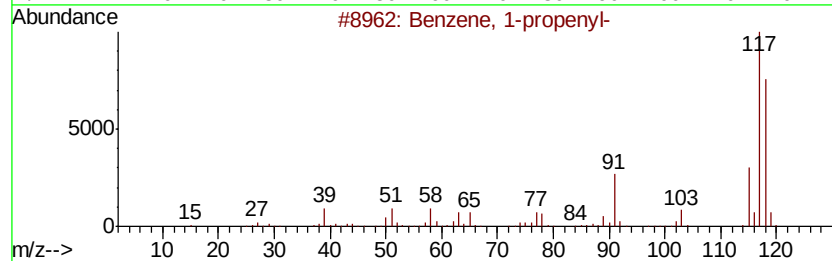
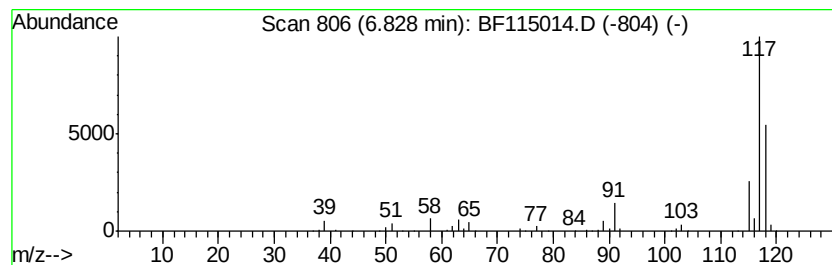
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	6.18 ng	443533	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
2		Indane	118	C9H10	000496-11-7	64
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
4		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	59
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
Acq On : 13 Jun 2019 20:57
Operator : HP/JU
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Misc :
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Instrument :
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ClientSampleId :
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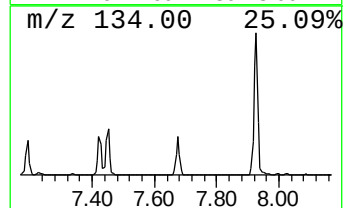
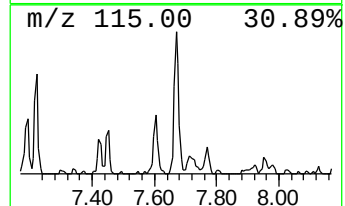
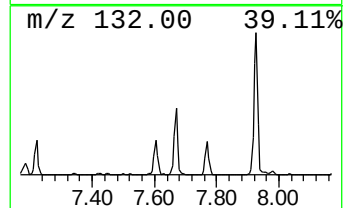
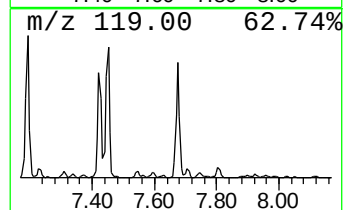
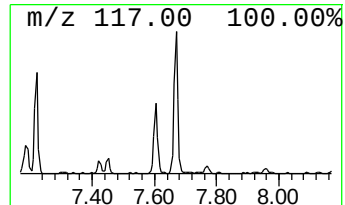
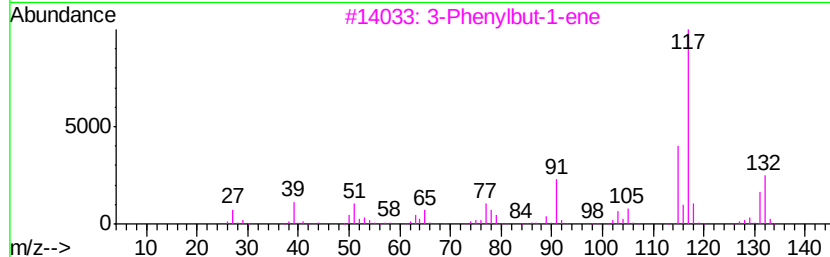
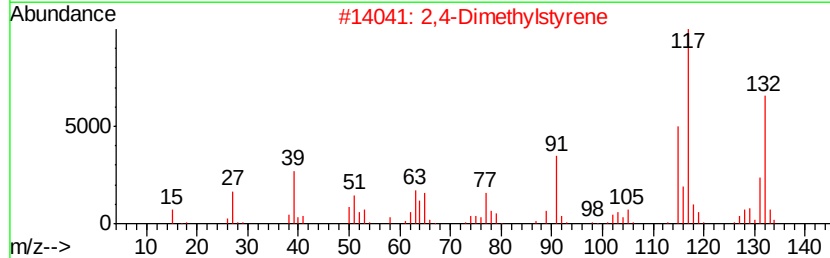
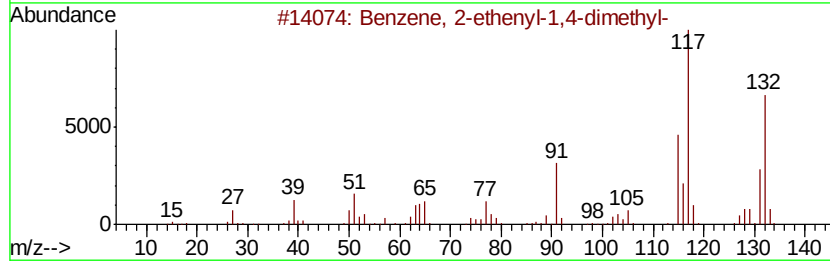
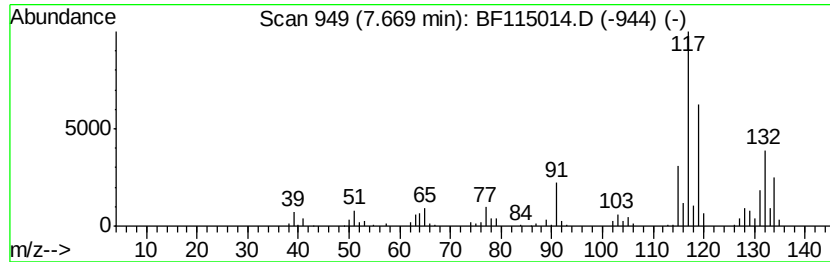
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.12 ng	313848	Napthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
Acq On : 13 Jun 2019 20:57
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Misc :
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ClientSampleId :
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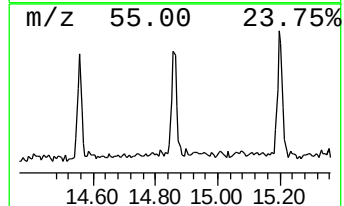
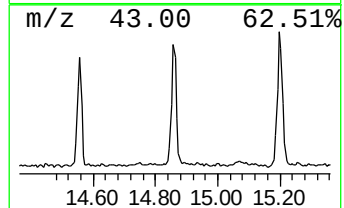
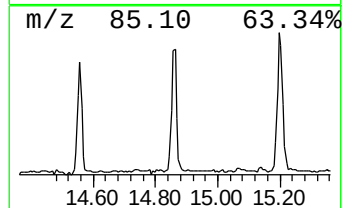
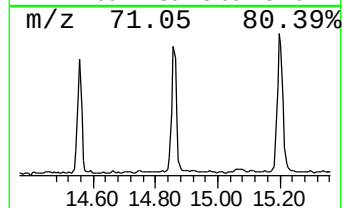
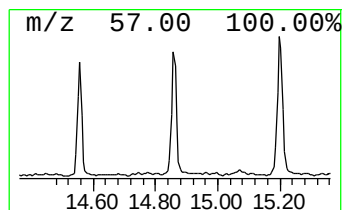
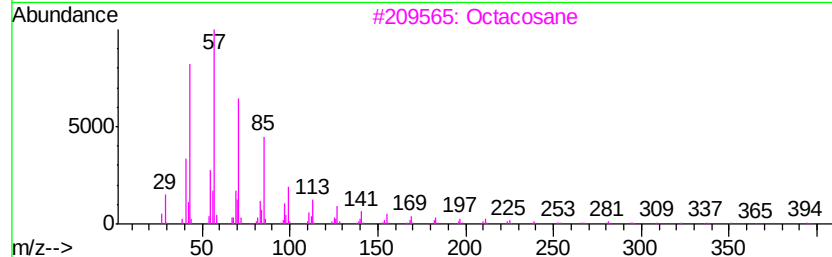
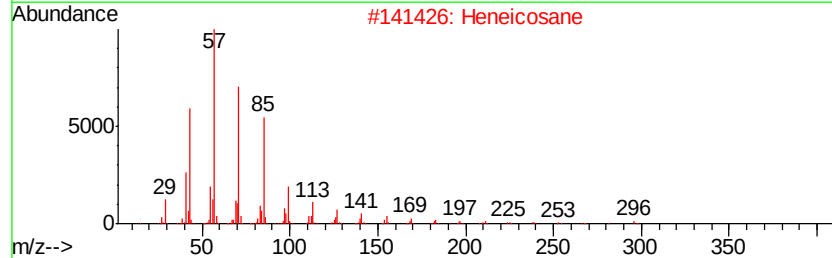
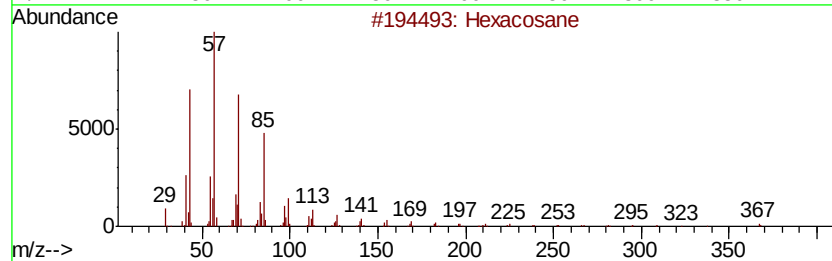
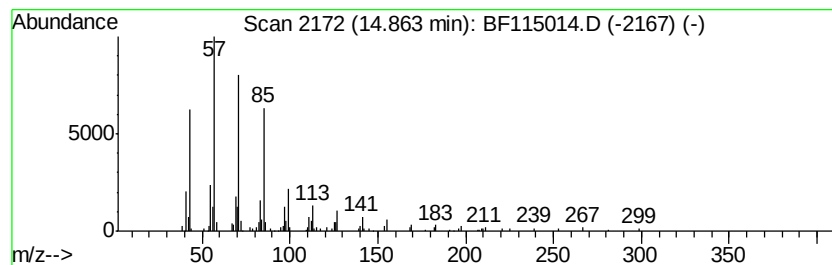
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.61 ng	192103	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
Acq On : 13 Jun 2019 20:57
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ClientSampleId :
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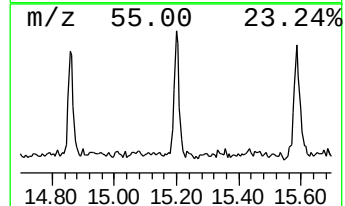
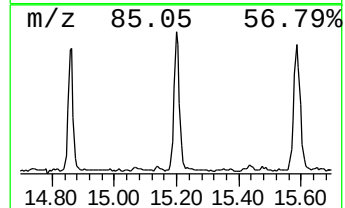
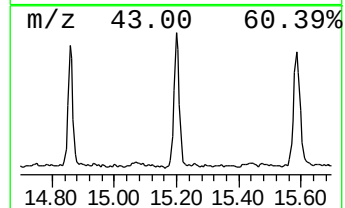
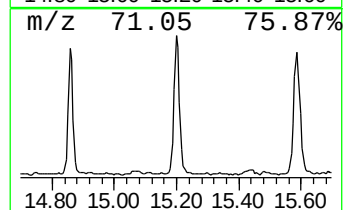
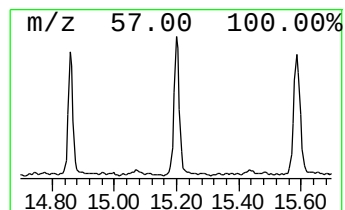
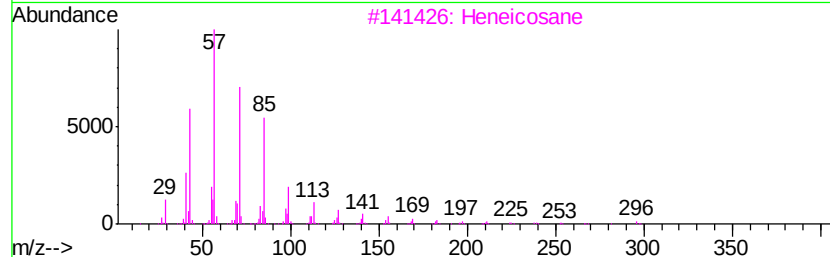
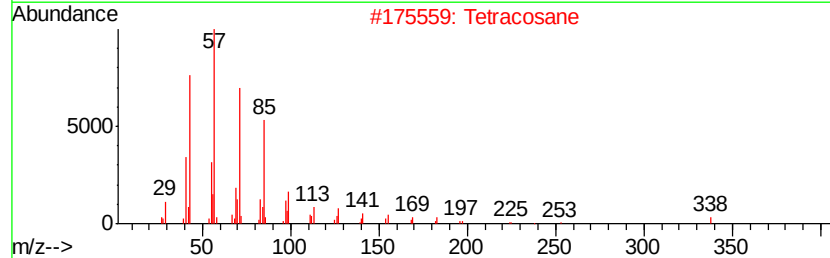
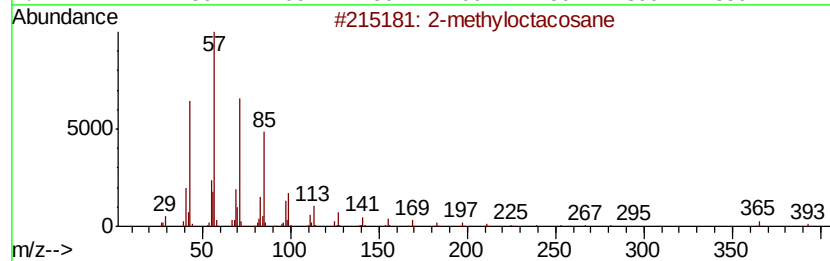
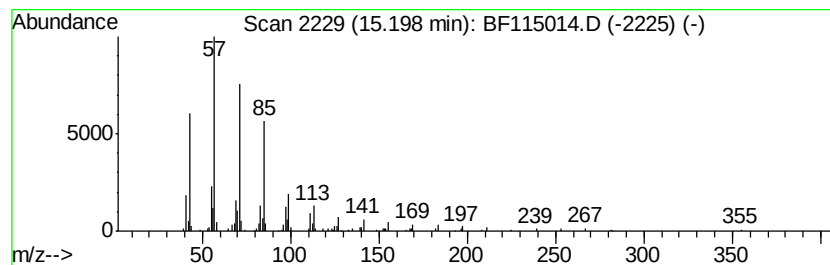
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.30 ng	242156	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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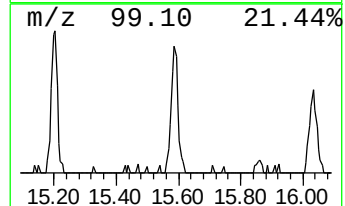
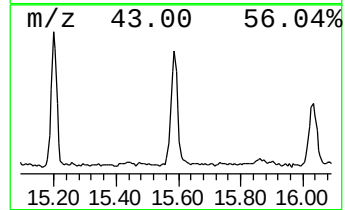
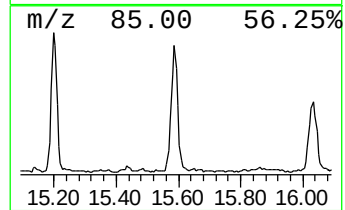
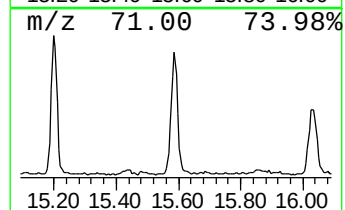
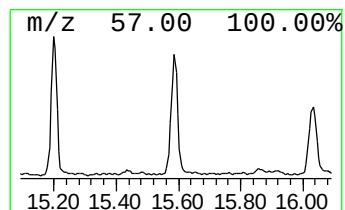
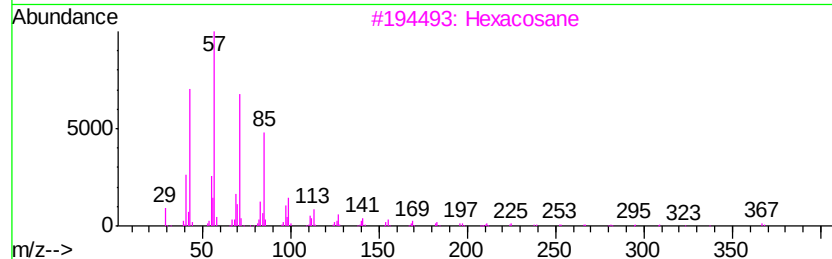
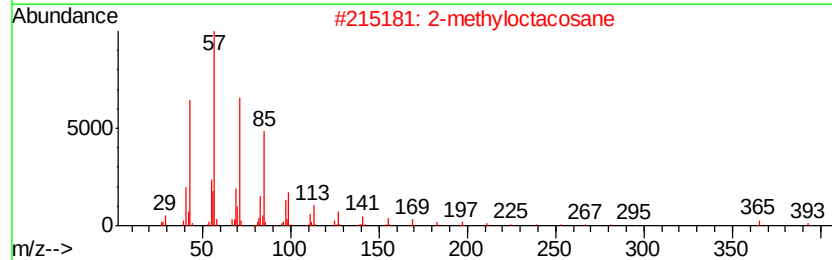
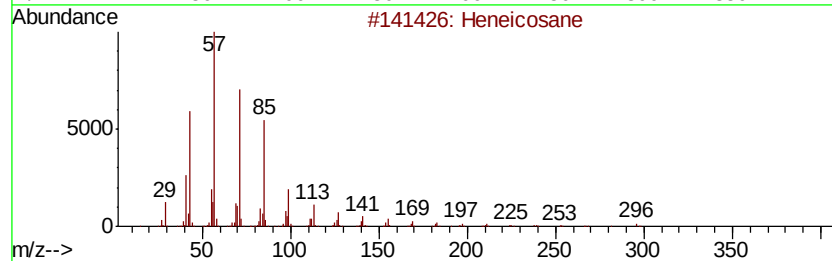
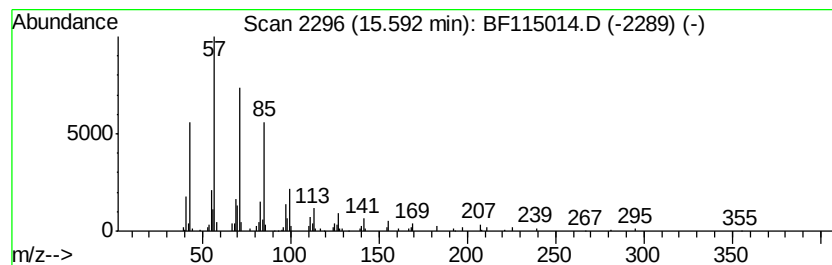
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.48 ng	255840	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115014.D
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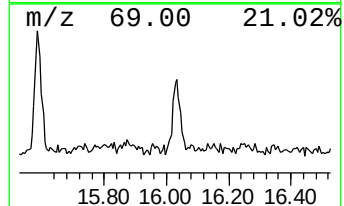
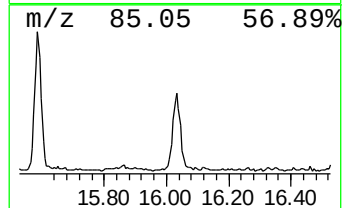
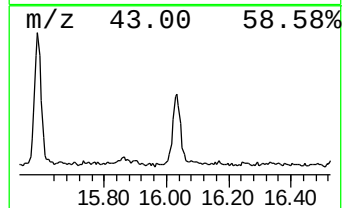
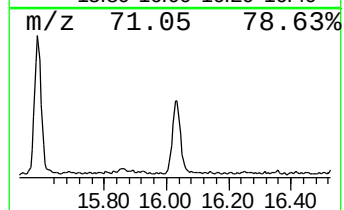
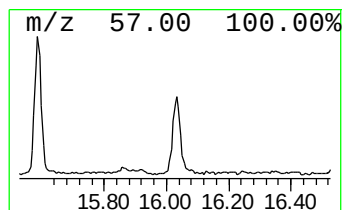
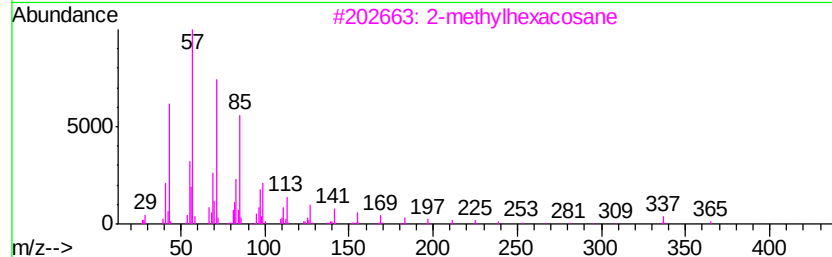
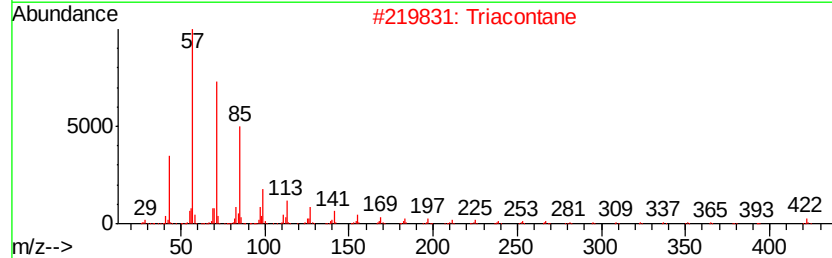
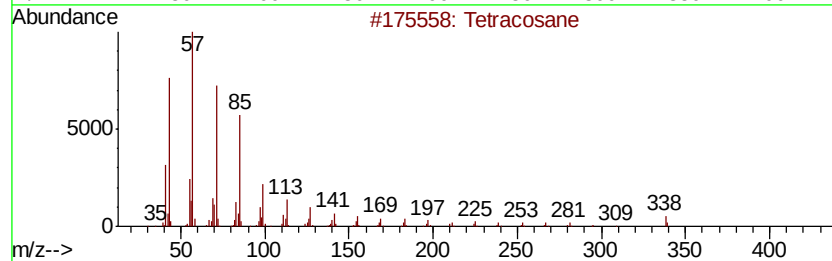
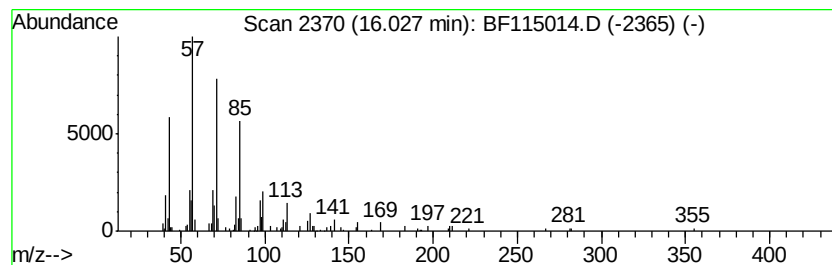
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.36 ng	173415	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Triacontane	422	C30H62	000638-68-6	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115014.D
 Acq On : 13 Jun 2019 20:57
 Operator : HP/JU
 Sample : K3345-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5 061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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
Benzene, 1,3-dime...	5.10	18.9	ng	1356510	1	6.65	1435250	20.0
Benzene, (1-methy...	5.81	5.3	ng	381003	1	6.65	1435250	20.0
Benzene, propyl-	6.10	4.5	ng	319532	1	6.65	1435250	20.0
Benzene, 1-ethyl-...	6.20	5.2	ng	373545	1	6.65	1435250	20.0
unknown6.42	6.42	70.7	ng	5075340	1	6.65	1435250	20.0
Benzene, 1,2,3-tr...	6.47	16.2	ng	1160890	1	6.65	1435250	20.0
Benzene, 1-propenyl-	6.83	6.2	ng	443533	1	6.65	1435250	20.0
Benzene, 2-etheny...	7.67	3.1	ng	313848	2	7.93	2008740	20.0
Hexacosane	14.86	2.6	ng	192103	6	15.14	1469500	20.0
2-methyloctacosane	15.20	3.3	ng	242156	6	15.14	1469500	20.0
Heneicosane	15.59	3.5	ng	255840	6	15.14	1469500	20.0
Tetracosane	16.03	2.4	ng	173415	6	15.14	1469500	20.0