

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084495.D
 Acq On : 15 Jan 2016 17:13
 Operator : SJ/UM
 Sample : H1114-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-22

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	4.338	194	197	201	rBV	322783	479976	4.36%	0.555%
2	4.990	252	254	257	rBV	1458254	1781952	16.17%	2.059%
3	5.127	257	266	268	rVV	123584	501550	4.55%	0.580%
4	5.219	271	274	276	rVV	59169	144619	1.31%	0.167%
5	5.264	276	278	281	rVB	123472	165117	1.50%	0.191%
6	5.379	286	288	289	rBV	208047	227905	2.07%	0.263%
7	5.424	289	292	294	rVB	3393988	3073026	27.89%	3.551%
8	5.630	309	310	313	rVB2	325996	492877	4.47%	0.570%
9	5.824	325	327	329	rBV	397402	342208	3.11%	0.395%
10	6.122	351	353	356	rBV	135808	151259	1.37%	0.175%
11	6.453	380	382	386	rVB2	1658754	2515403	22.83%	2.907%
12	6.590	391	394	396	rBV	6067771	5493290	49.85%	6.348%
13	6.819	412	414	416	rBV	2242128	1869107	16.96%	2.160%
14	6.899	418	421	425	rVV	291012	617966	5.61%	0.714%
15	6.979	425	428	430	rVV	7473459	7055846	64.03%	8.154%
16	7.013	430	431	435	rVV3	56545	138250	1.25%	0.160%
17	7.242	446	451	455	rVB4	137095	313248	2.84%	0.362%
18	7.390	460	464	466	rBV	5594257	6131137	55.64%	7.085%
19	7.516	469	475	476	rBV	234468	405352	3.68%	0.468%
20	7.550	476	478	481	rVV	429413	456898	4.15%	0.528%
21	7.642	483	486	489	rBV3	115759	209253	1.90%	0.242%
22	7.859	500	505	506	rBV2	406631	1000920	9.08%	1.157%
23	7.950	511	513	515	rVV3	116639	226119	2.05%	0.261%
24	8.030	518	520	524	rVV3	154341	429851	3.90%	0.497%
25	8.110	524	527	528	rVV	2610114	2691449	24.42%	3.110%
26	8.133	528	529	532	rVV	568158	518291	4.70%	0.599%
27	8.236	535	538	539	rVV2	190352	277865	2.52%	0.321%
28	8.270	539	541	545	rVV4	91005	229340	2.08%	0.265%
29	8.339	545	547	548	rVV	152403	197318	1.79%	0.228%
30	8.385	548	551	553	rVV2	671369	1110889	10.08%	1.284%
31	8.430	553	555	558	rVV	253212	368799	3.35%	0.426%
32	8.487	558	560	563	rVV2	147985	301994	2.74%	0.349%
33	8.545	563	565	567	rVV3	133041	210242	1.91%	0.243%
34	8.613	569	571	573	rVV2	108136	134113	1.22%	0.155%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.682	573	577	580	rVV3	119948	242041	2.20%	0.280%
36	8.910	595	597	600	rVB3	117405	189976	1.72%	0.220%
37	8.990	600	604	607	rBV5	53541	175843	1.60%	0.203%
38	9.196	618	622	623	rVV	7580624	11019681	100.00%	12.734%
39	9.219	623	624	627	rVV	2064965	1997901	18.13%	2.309%
40	9.333	630	634	636	rVV2	1027269	2156611	19.57%	2.492%
41	9.585	652	656	658	rBV2	163417	255528	2.32%	0.295%
42	9.619	658	659	663	rVB4	83787	186068	1.69%	0.215%
43	9.745	667	670	671	rBV2	79148	126764	1.15%	0.146%
44	9.790	671	674	676	rBV2	733449	815435	7.40%	0.942%
45	9.859	676	680	682	rVV2	2127821	4086592	37.08%	4.722%
46	10.088	697	700	701	rVB3	118075	177761	1.61%	0.205%
47	10.270	715	716	720	rVB3	220480	496720	4.51%	0.574%
48	10.453	730	732	735	rBV	554945	749573	6.80%	0.866%
49	10.511	735	737	739	rVV	1244982	1509312	13.70%	1.744%
50	10.659	747	750	752	rVV2	3132576	4273762	38.78%	4.939%
51	10.705	752	754	756	rVV	127859	184430	1.67%	0.213%
52	10.773	757	760	764	rVB2	218938	408634	3.71%	0.472%
53	10.899	767	771	773	rVB3	86406	158246	1.44%	0.183%
54	10.956	773	776	778	rBV2	220785	320604	2.91%	0.370%
55	11.139	789	792	795	rVB3	102979	202775	1.84%	0.234%
56	11.219	797	799	803	rVB3	330184	398110	3.61%	0.460%
57	11.345	808	810	813	rBV	2402670	2260561	20.51%	2.612%
58	11.539	825	827	835	rVB	810101	1370377	12.44%	1.584%
59	11.745	842	845	847	rVB	91763	123781	1.12%	0.143%
60	12.134	877	879	882	rBV2	140120	158322	1.44%	0.183%
61	12.259	888	890	893	rBV2	60215	113400	1.03%	0.131%
62	12.488	908	910	913	rBV3	72514	171548	1.56%	0.198%
63	12.579	916	918	921	rVV	845165	1136453	10.31%	1.313%
64	12.625	921	922	928	rVB	287437	293640	2.66%	0.339%
65	12.819	937	939	942	rBV	268590	421214	3.82%	0.487%
66	12.934	947	949	952	rBV	5277021	6123310	55.57%	7.076%
67	13.311	979	982	984	rVV2	98553	140143	1.27%	0.162%
68	13.528	997	1001	1007	rBV2	241432	511026	4.64%	0.591%
69	13.848	1027	1029	1034	rBV2	140039	276509	2.51%	0.320%
70	13.985	1038	1041	1043	rVV	1512679	1577217	14.31%	1.823%
71	15.402	1162	1165	1168	rBV	1227432	1461302	13.26%	1.689%

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Integrator: RTE
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

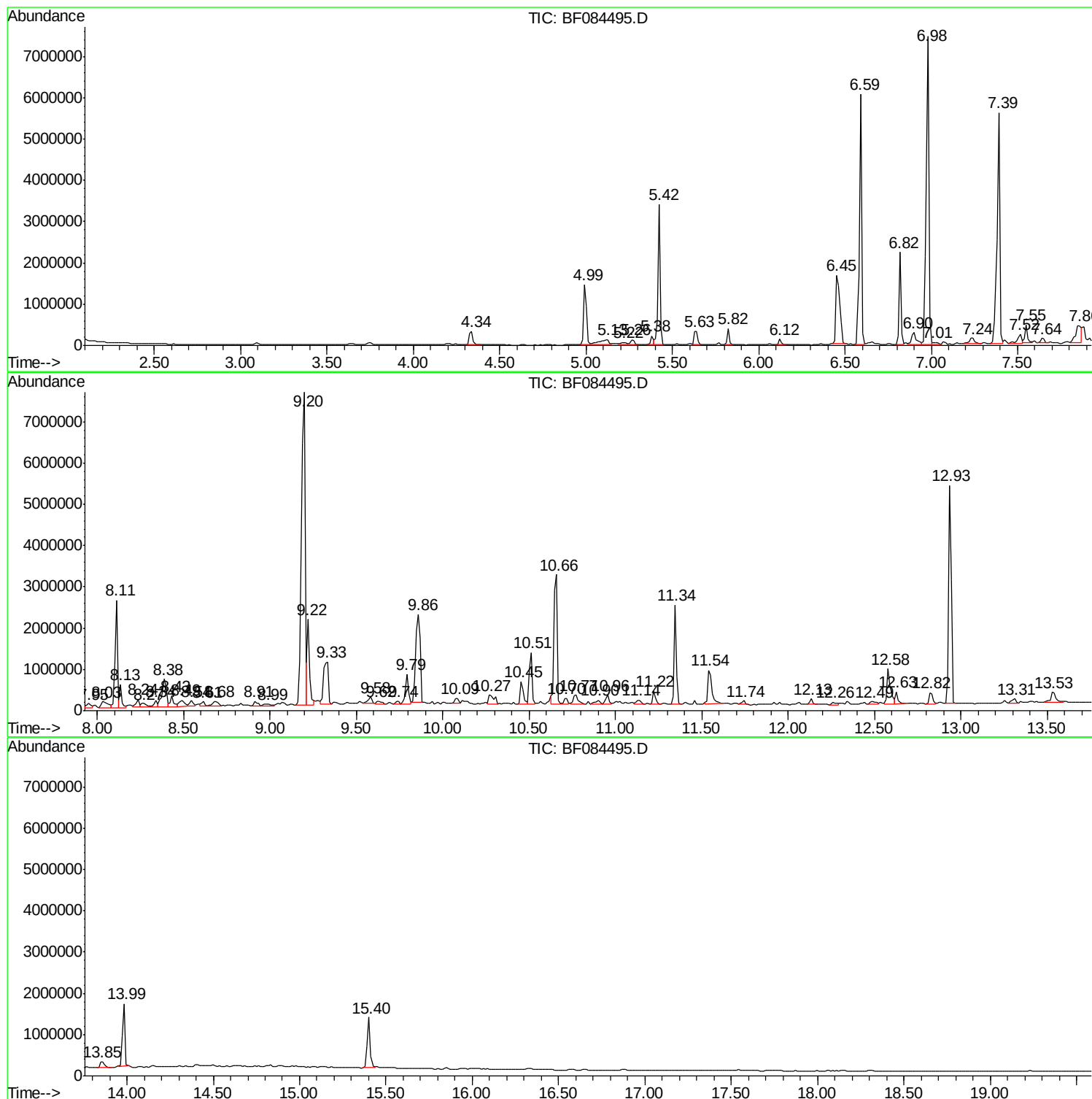
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TEC-22

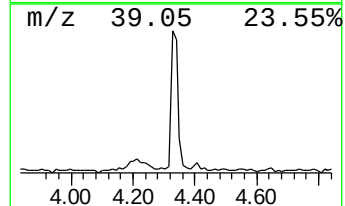
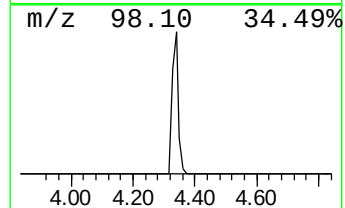
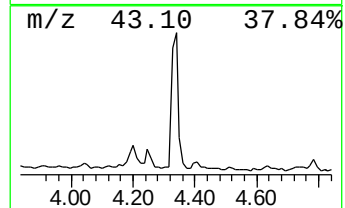
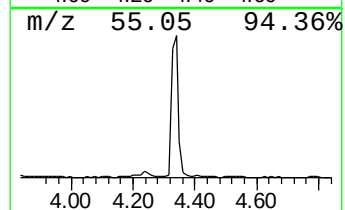
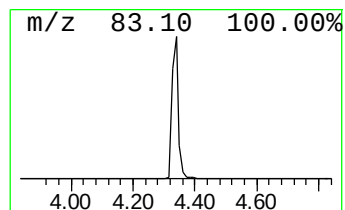
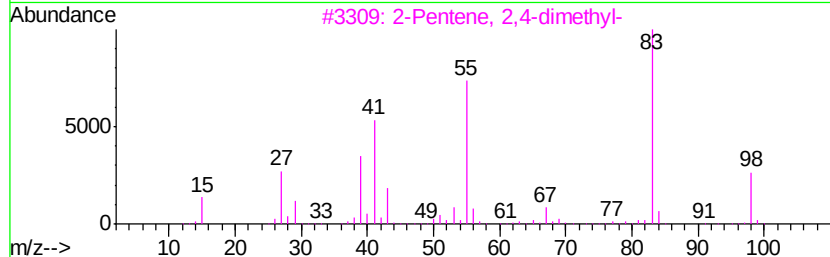
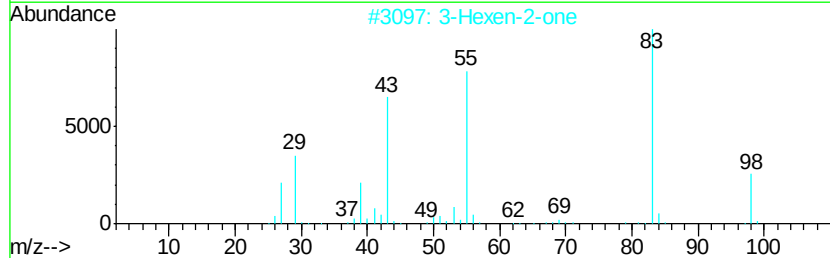
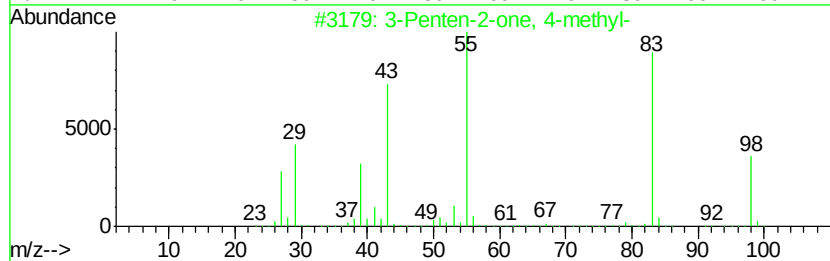
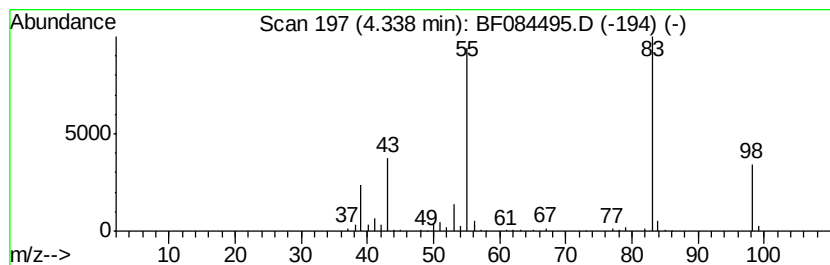
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	5.14 ng	479976	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	90
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
5			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72



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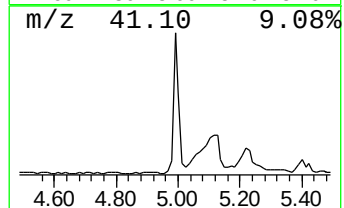
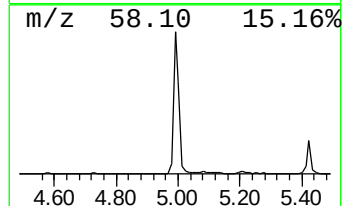
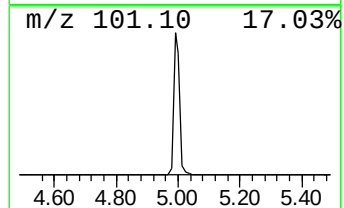
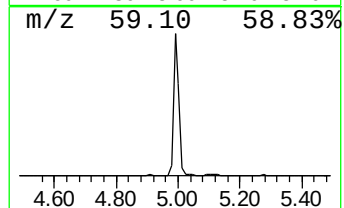
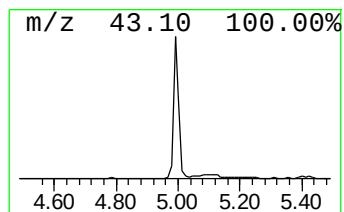
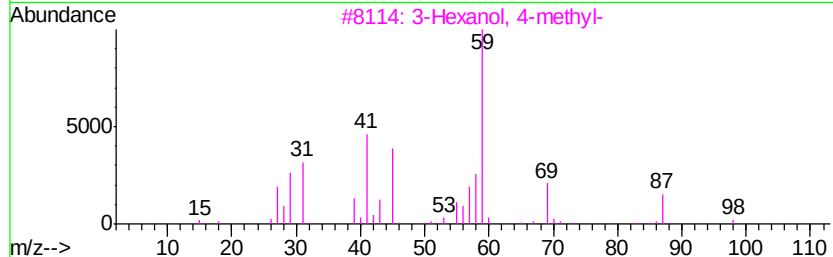
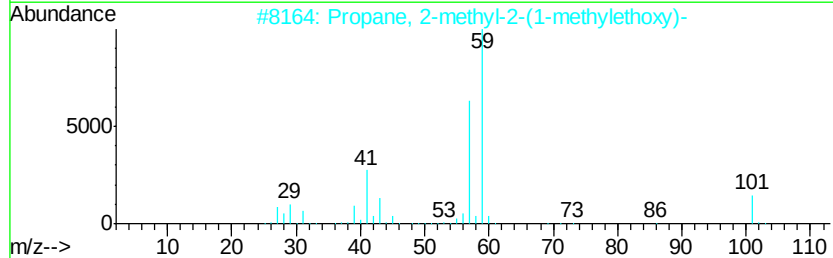
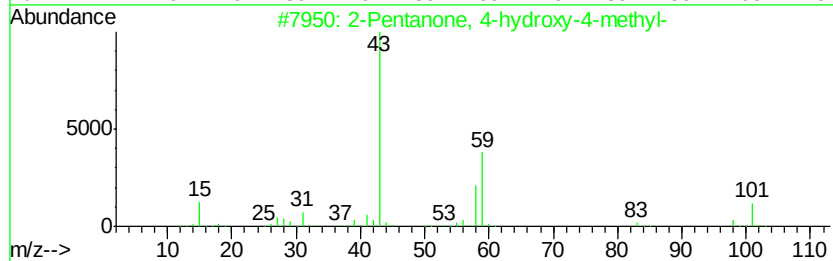
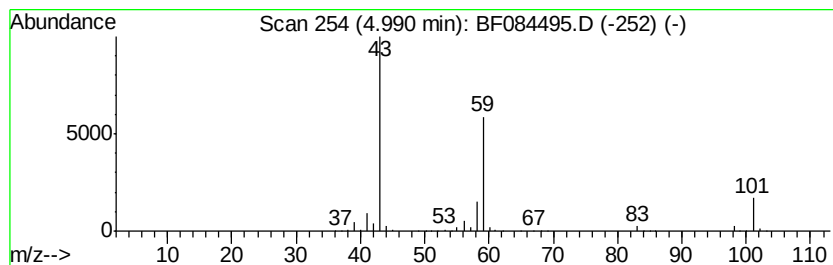
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	19.07 ng	1781950	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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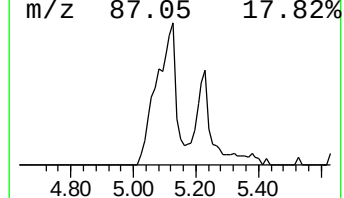
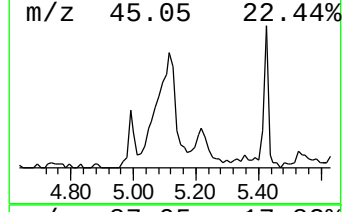
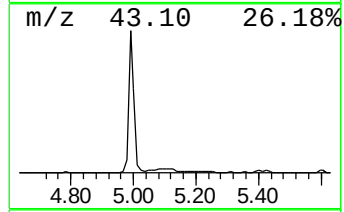
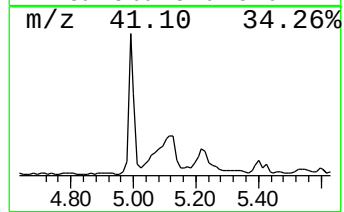
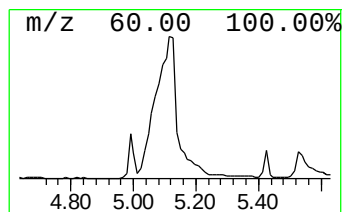
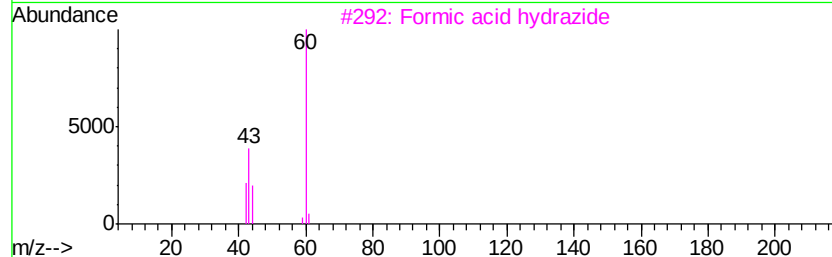
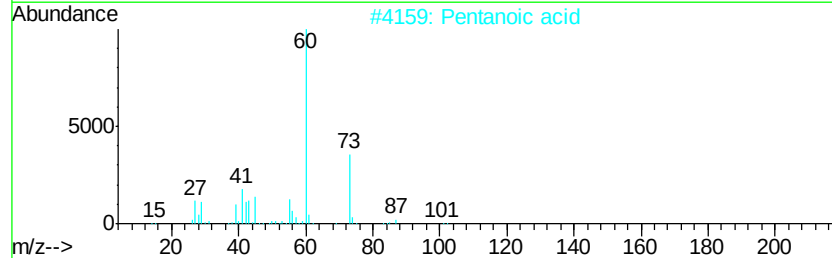
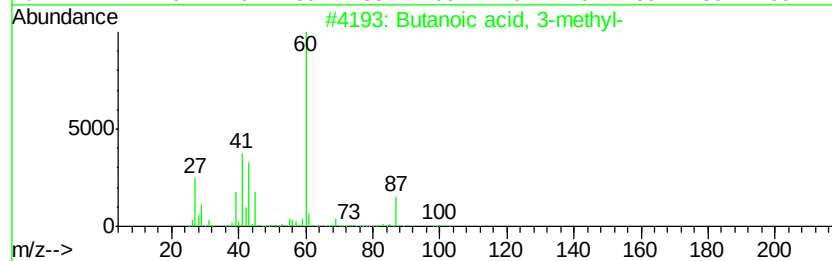
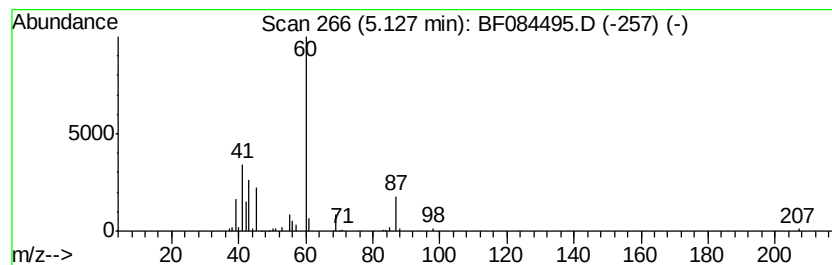
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.37 ng	501550	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2		Pentanoic acid	102	C5H10O2	000109-52-4	45
3		Formic acid hvdrazide	60	CH4N2O	000624-84-0	40
4		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
5		N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	39



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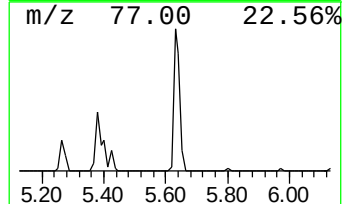
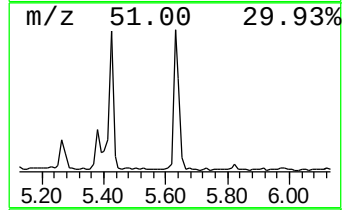
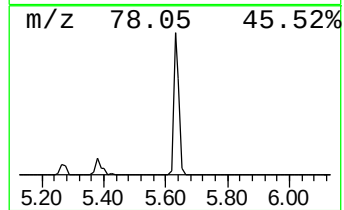
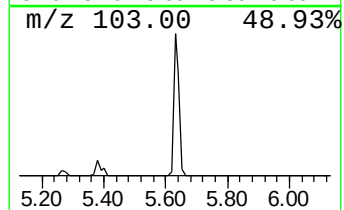
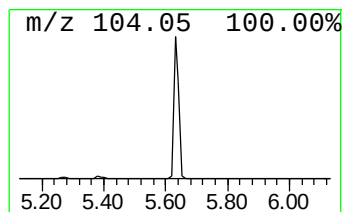
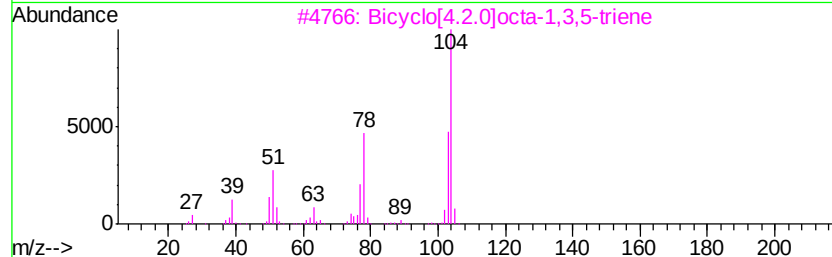
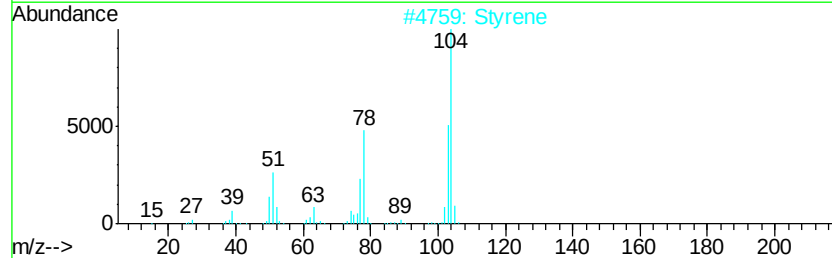
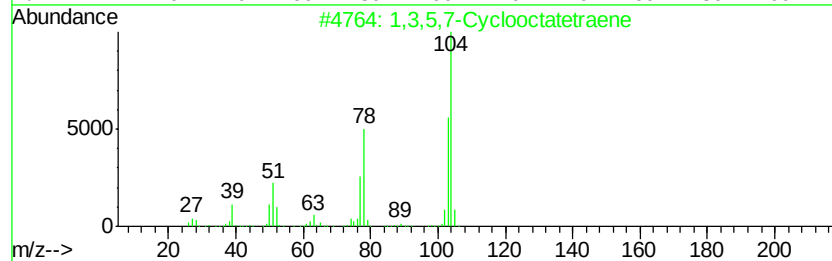
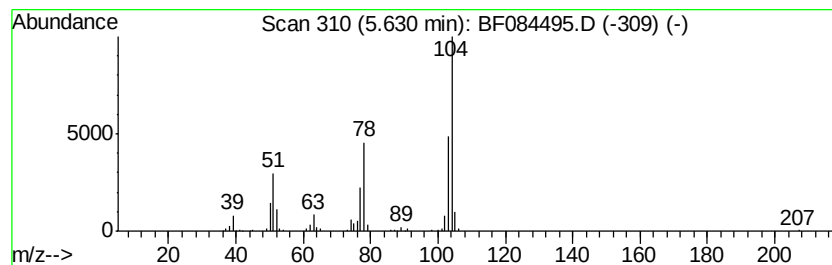
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3,5,7-Cyclooctatetraene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	5.27 ng	492877	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2		Styrene	104	C8H8	000100-42-5	96
3		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
4		Indan, epoxide	132	C9H8O	000768-22-9	64
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084495.D
Acq On : 15 Jan 2016 17:13
Operator : SJ/UM
Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TEC-22

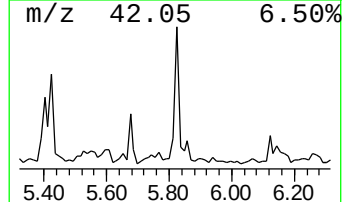
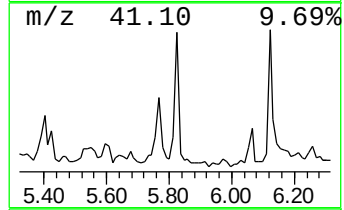
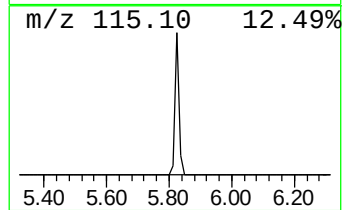
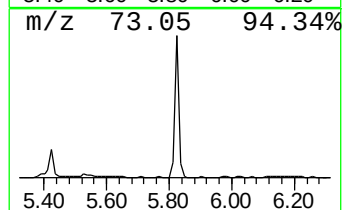
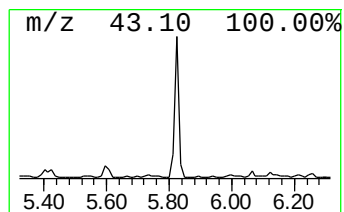
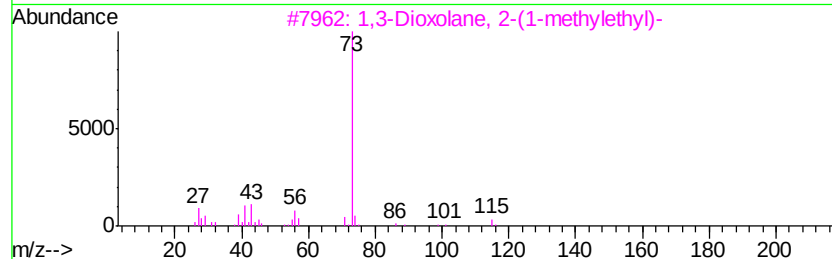
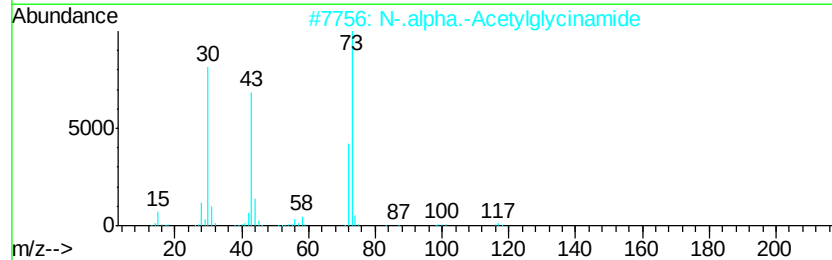
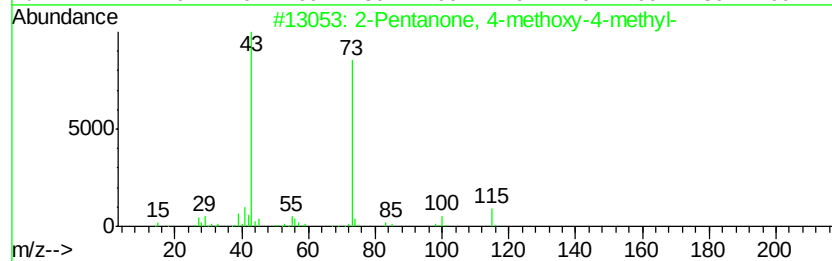
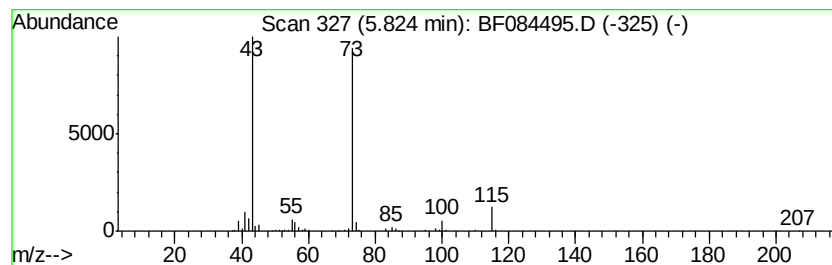
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.66 ng	342208	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		N-.alpha.-Acetylglucinamide	116	C4H8N2O2	002620-63-5	35
3		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	27
4		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084495.D
Acq On : 15 Jan 2016 17:13
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Sample : H1114-02
Misc :
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ClientSampleId :
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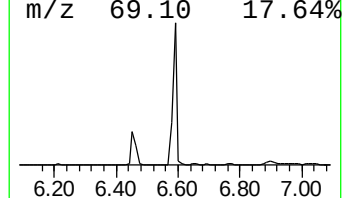
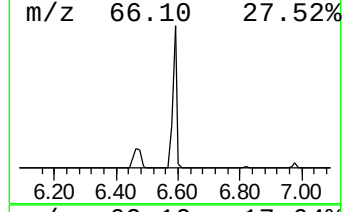
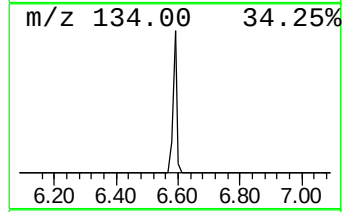
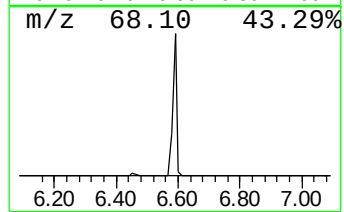
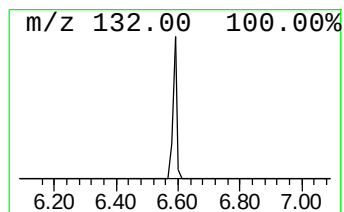
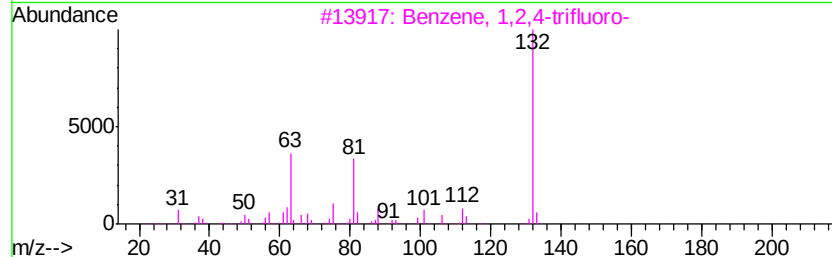
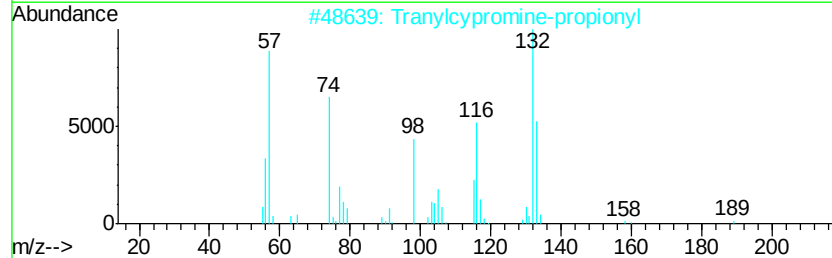
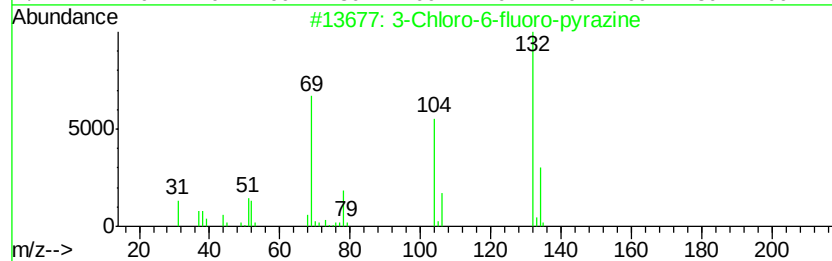
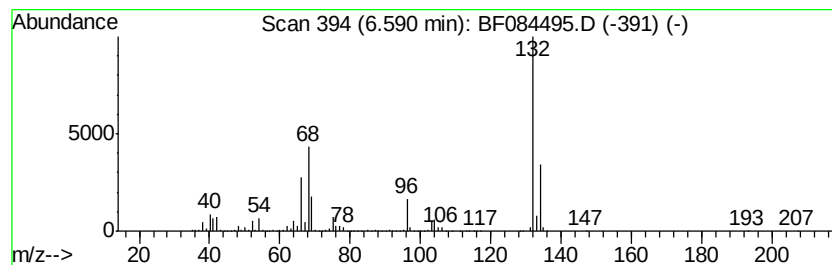
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	58.78 ng	5493290	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Sample : H1114-02
Misc :
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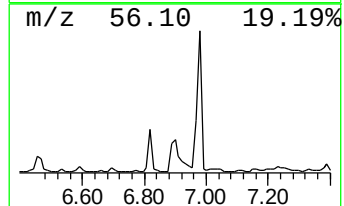
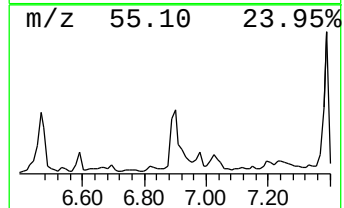
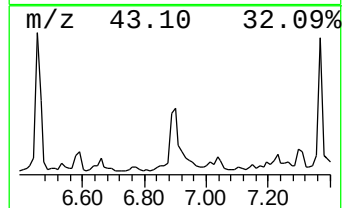
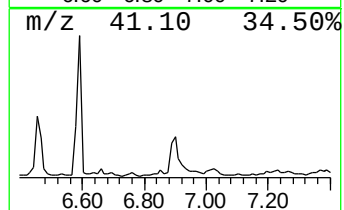
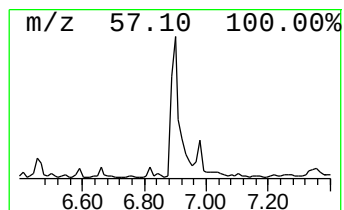
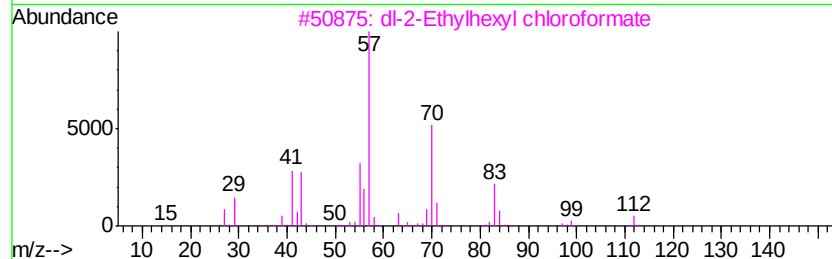
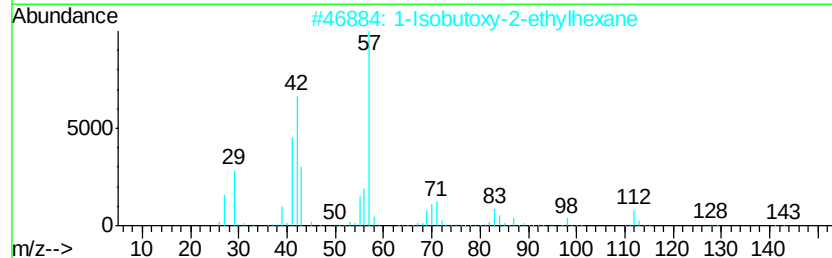
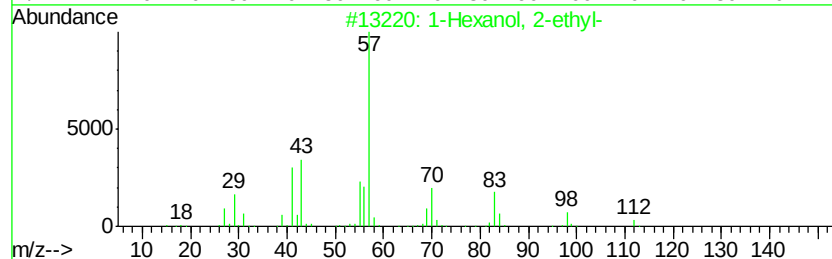
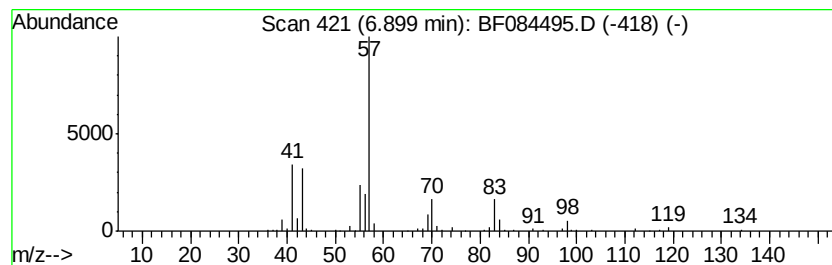
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.90	6.61 ng	617966	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	59
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Instrument :
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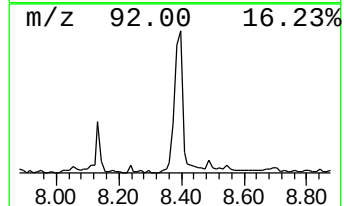
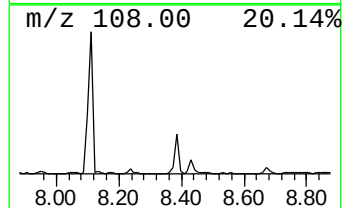
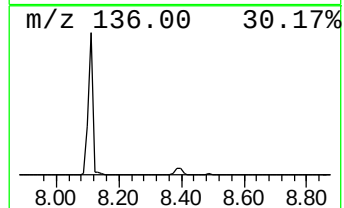
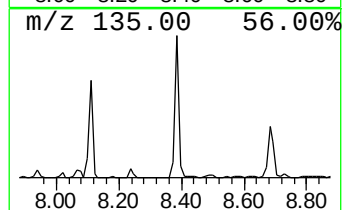
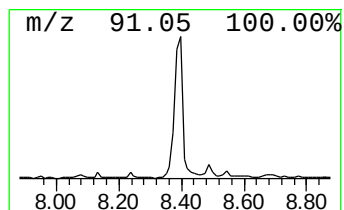
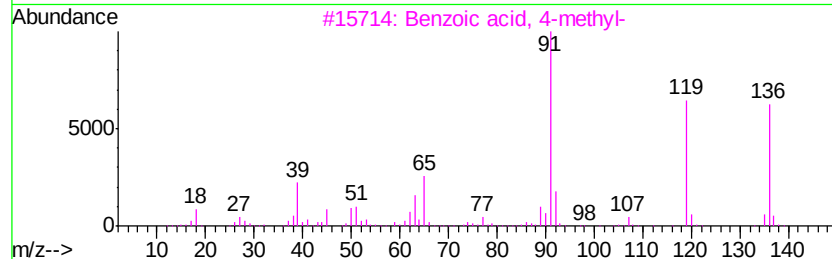
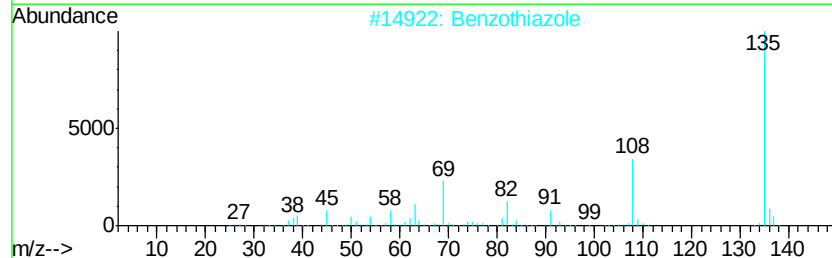
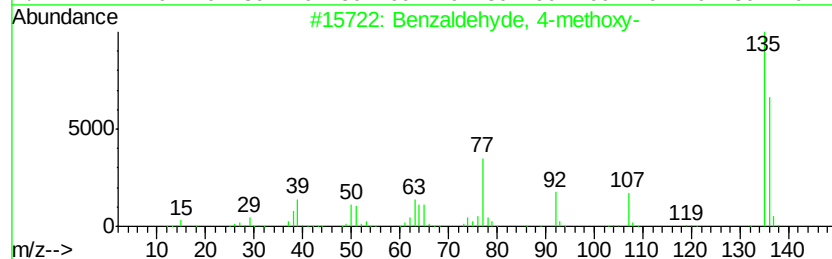
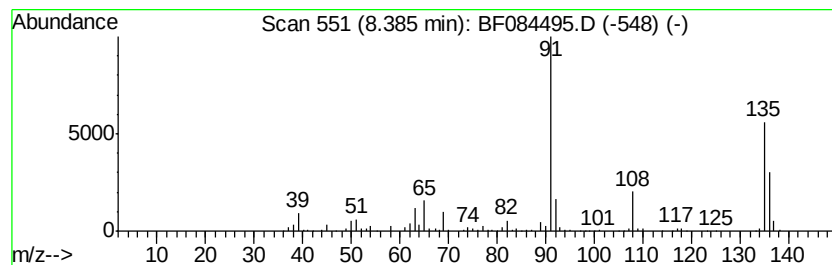
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown8.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	8.25 ng	1110890	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	49
2		Benzothiazole	135	C7H5NS	000095-16-9	43
3		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	38
4		Benzeneacetic acid	136	C8H8O2	000103-82-2	38
5		1,2-Benzisothiazole	135	C7H5NS	000272-16-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Misc :
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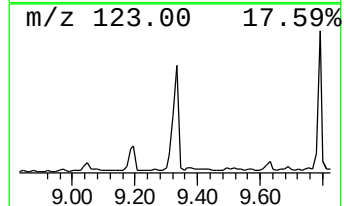
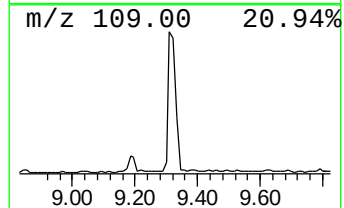
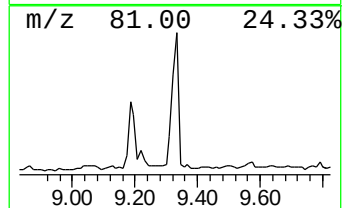
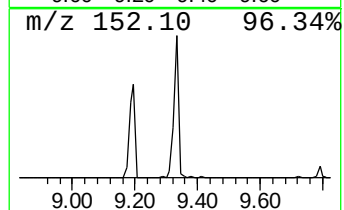
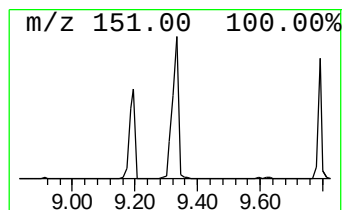
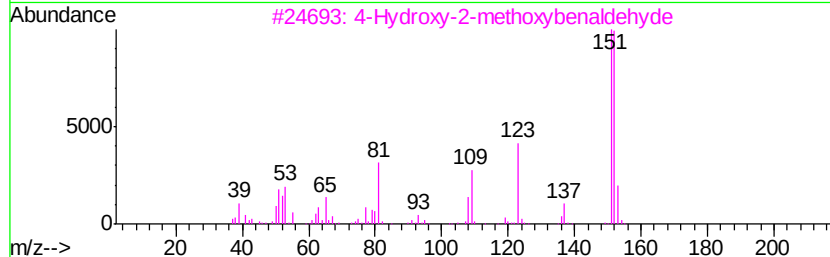
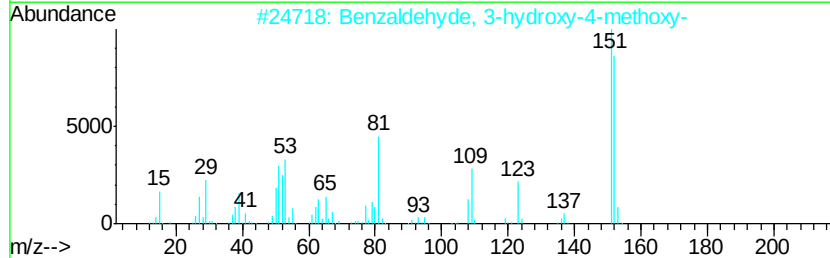
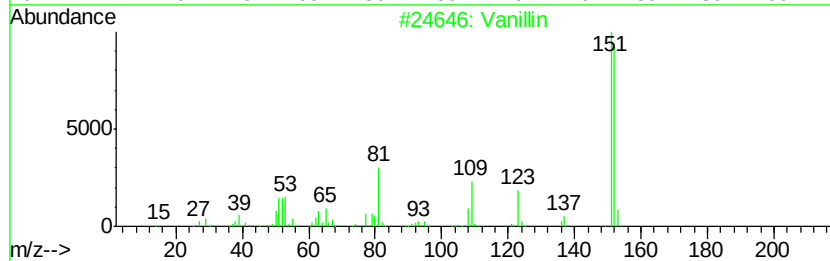
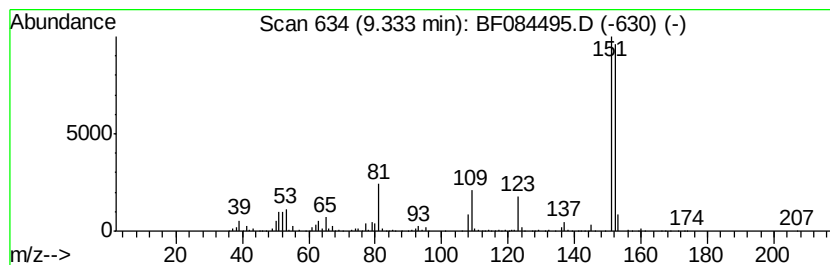
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	10.55 ng	2156610	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3		4-Hydroxy-2-methoxybenzaldehyde	152	C8H8O3	018278-34-7	87
4		Vanillin lactoside	476	C20H28O13	1000129-94-7	78
5		Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	64



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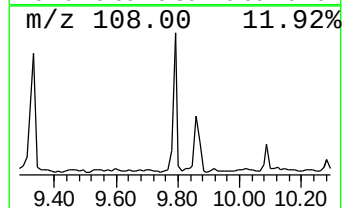
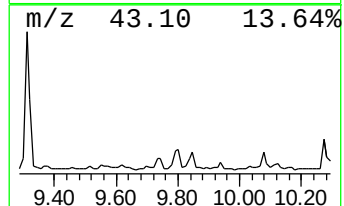
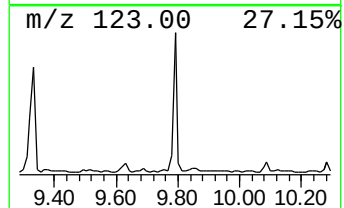
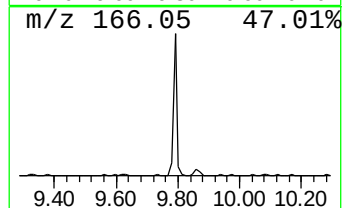
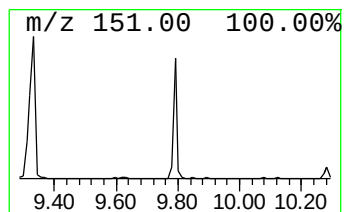
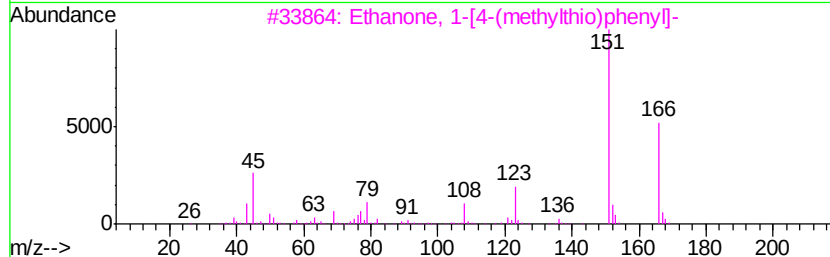
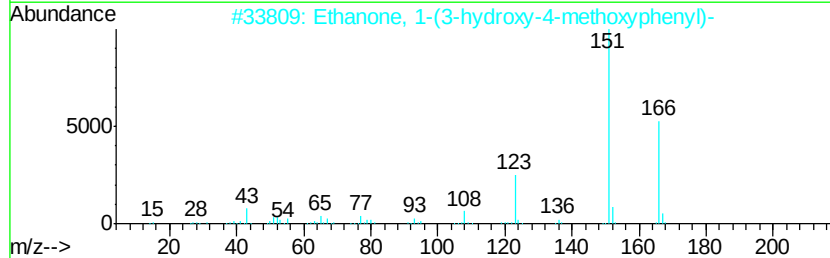
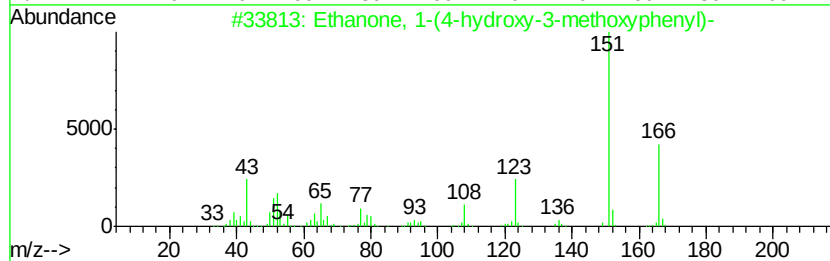
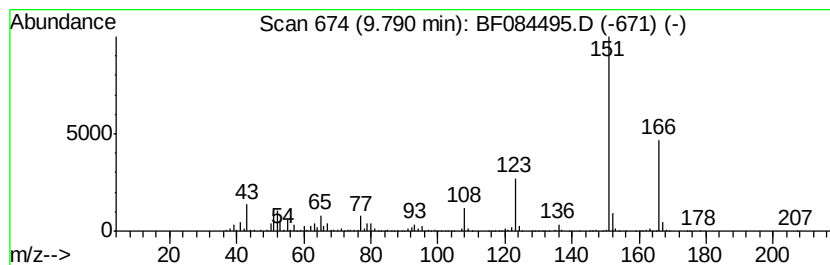
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.99 ng	815435	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	95
2		Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	94
3		Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	80
4		Stibine, trimethyl-	166	C3H9Sb	000594-10-5	78
5		Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
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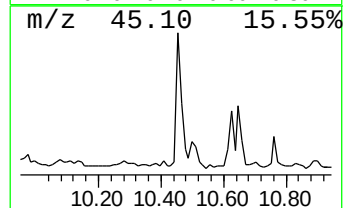
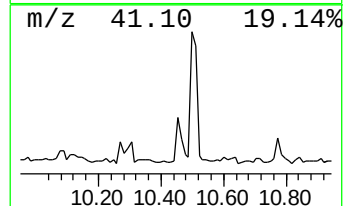
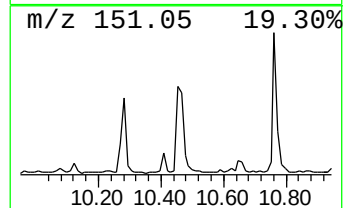
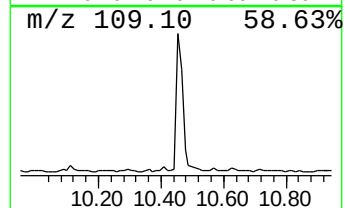
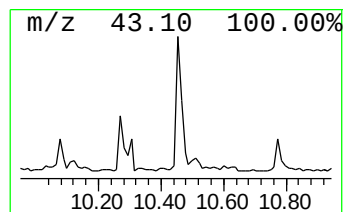
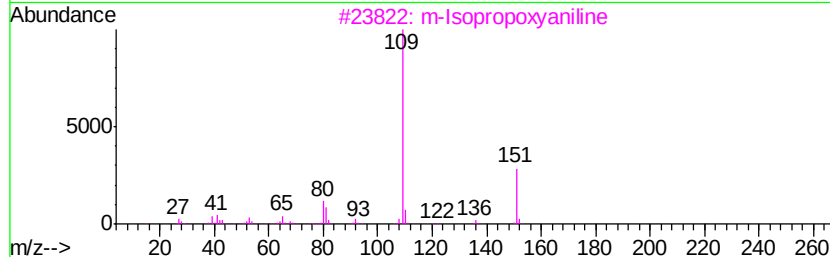
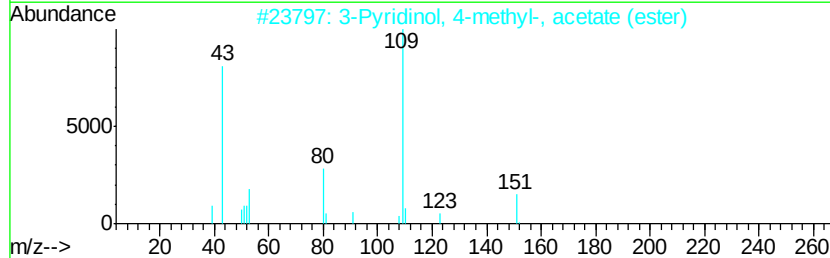
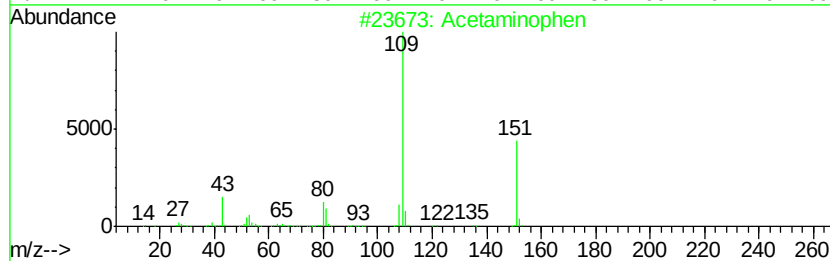
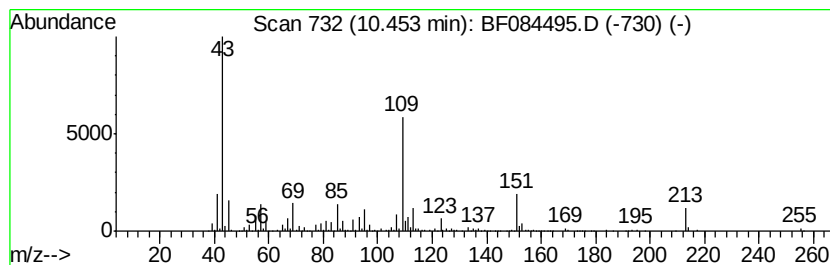
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown10.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	3.67 ng	749573	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaminophen	151	C8H9NO2	000103-90-2	43
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	43
3	m-Isopropoxvaniline	151	C9H13NO	041406-00-2	43
4	Metacetamol	151	C8H9NO2	000621-42-1	43
5	7-Oxa-bicyclo[2.2.1]heptan-2-ol, ...	254	C14H22O4	329362-13-2	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084495.D
Acq On : 15 Jan 2016 17:13
Operator : SJ/UM
Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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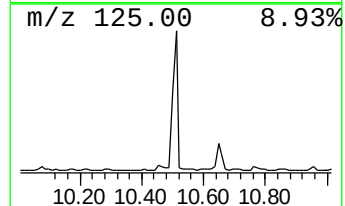
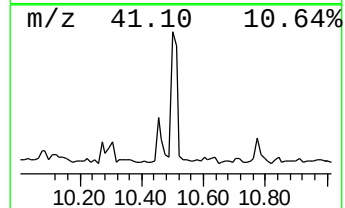
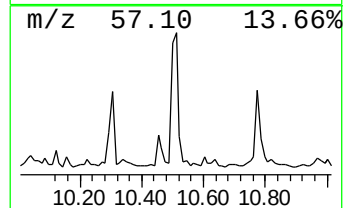
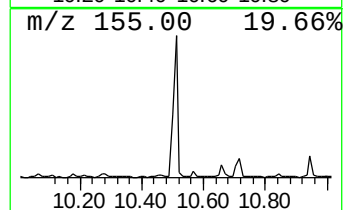
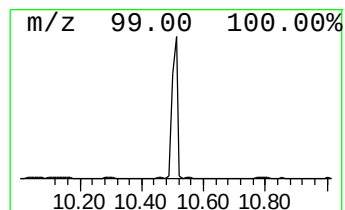
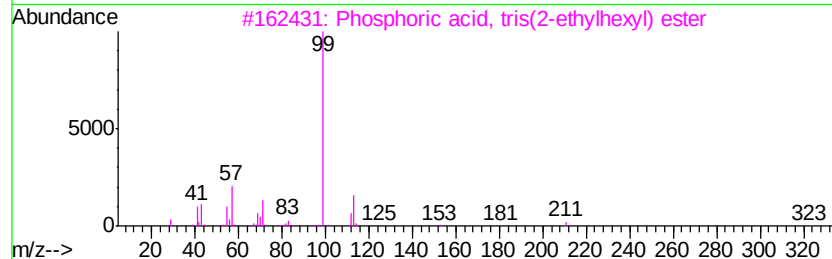
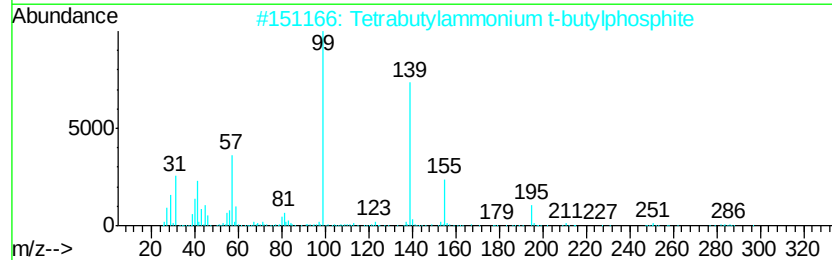
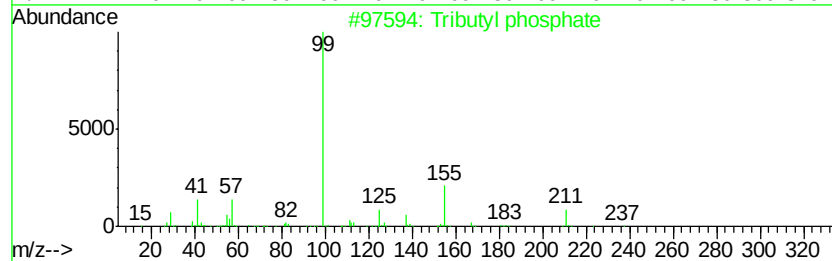
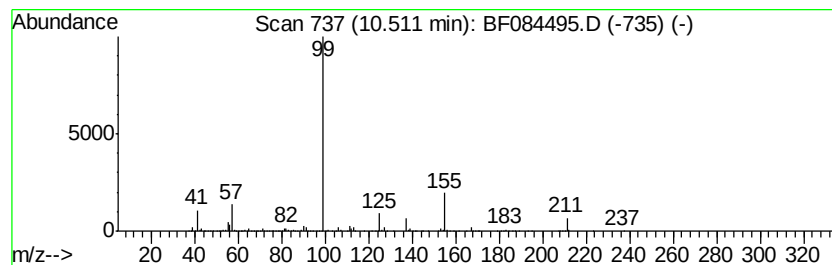
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tributyl phosphate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	7.39 ng	1509310	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2		Tetrabutylammonium t-butylphosphite	379	C20H46N03P	1000164-81-7	39
3		Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	33
4		trans-Decalin-2-one, 6,6-ethylen...	210	C12H18O3	1000126-93-8	28
5		Dicyclohexylmethylsilane	210	C13H26Si	037591-76-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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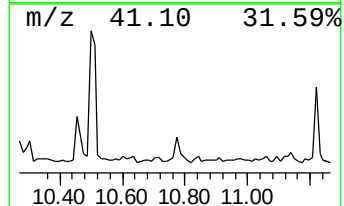
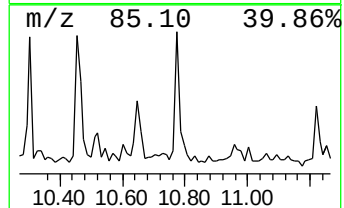
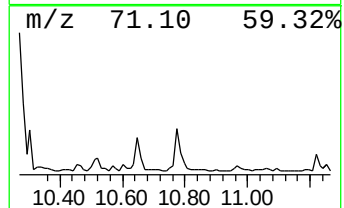
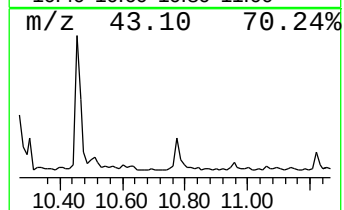
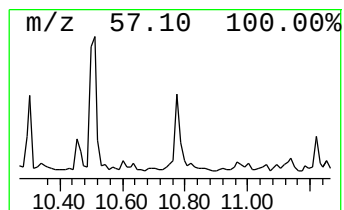
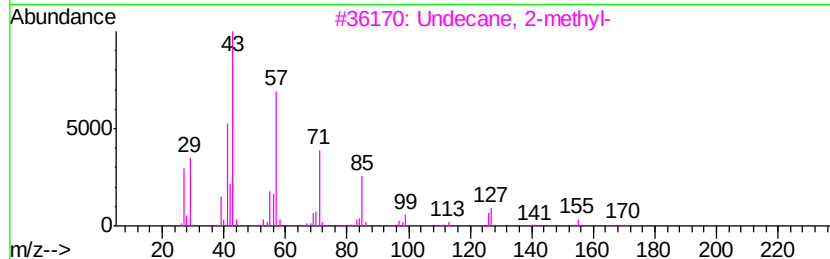
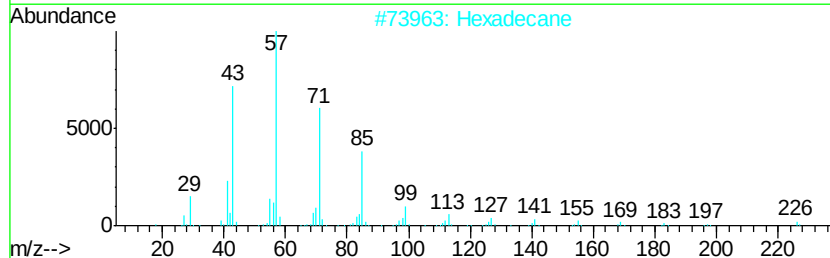
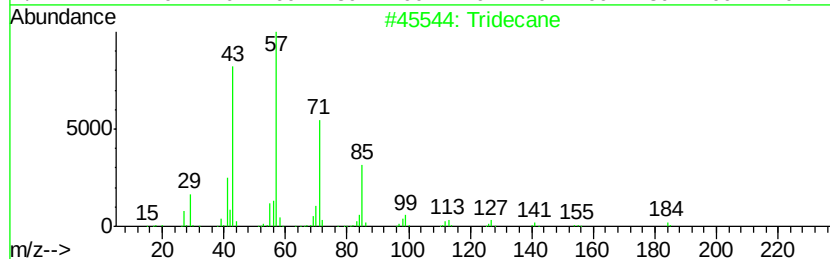
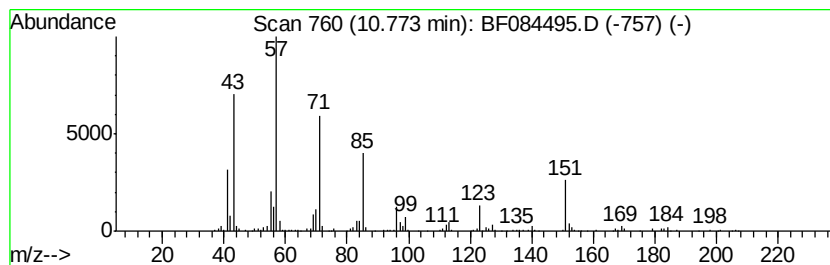
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.62 ng	408634	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Hexadecane	226	C16H34	000544-76-3	52
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	52
4			Tetradecane	198	C14H30	000629-59-4	50
5			Eicosane	282	C20H42	000112-95-8	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084495.D
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Operator : SJ/UM
Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

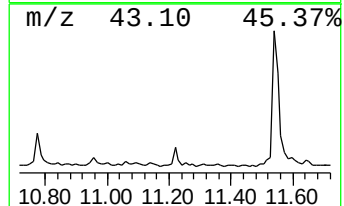
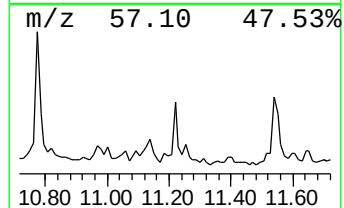
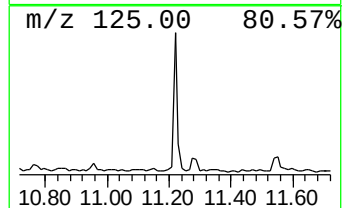
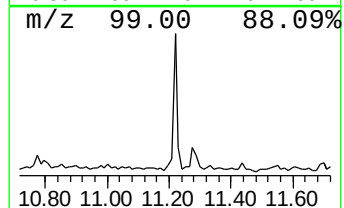
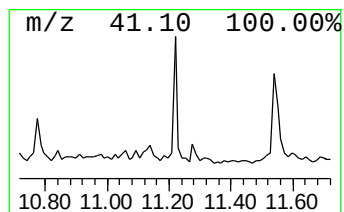
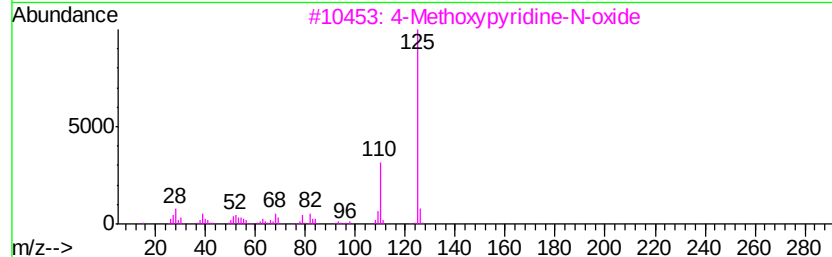
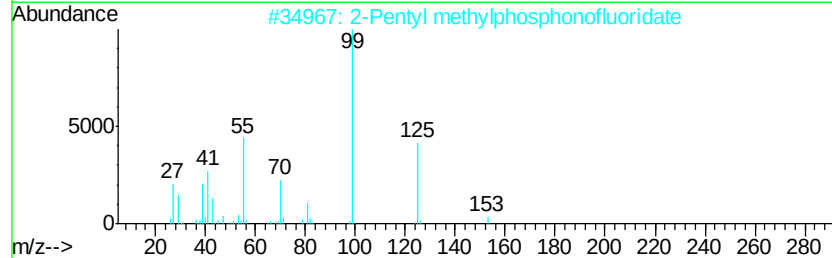
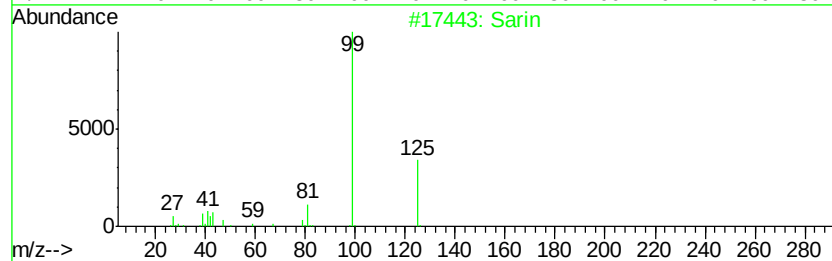
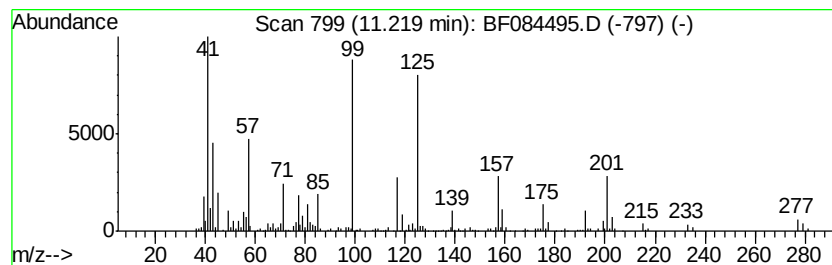
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.22 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.22	3.52 ng	398110	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sarin	140	C4H10FO2P	000107-44-8	38
2	2-Pentyl methylphosphonofluoridate	168	C6H14FO2P	000761-93-3	27
3	4-Methoxypyridine-N-oxide	125	C6H7NO2	001122-96-9	18
4	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	14
5	Phosphonofluoridic acid, methyl-...	210	C9H20FO2P	144313-52-0	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084495.D
Acq On : 15 Jan 2016 17:13
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Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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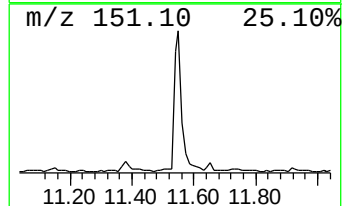
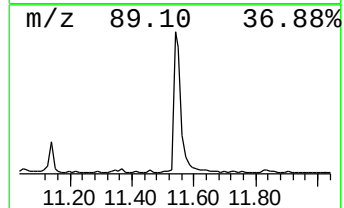
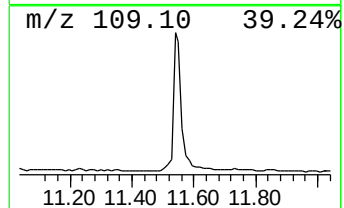
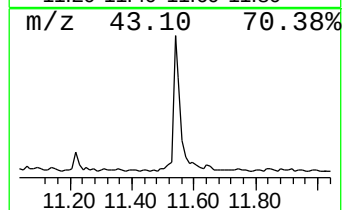
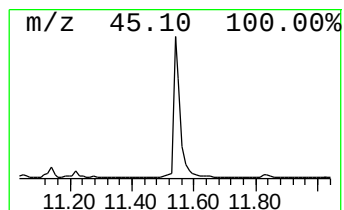
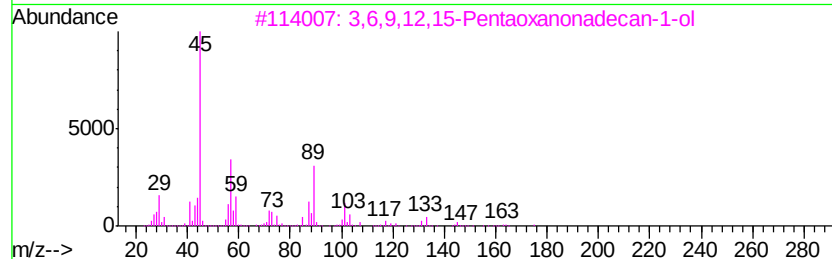
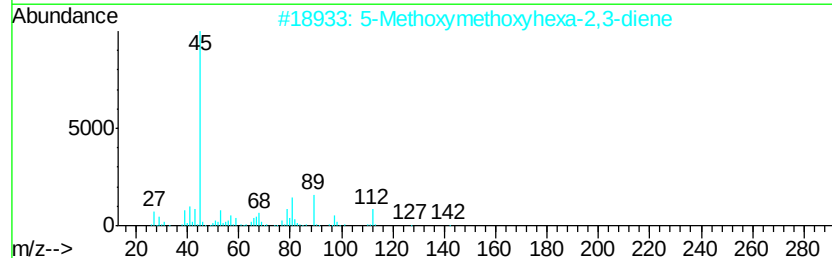
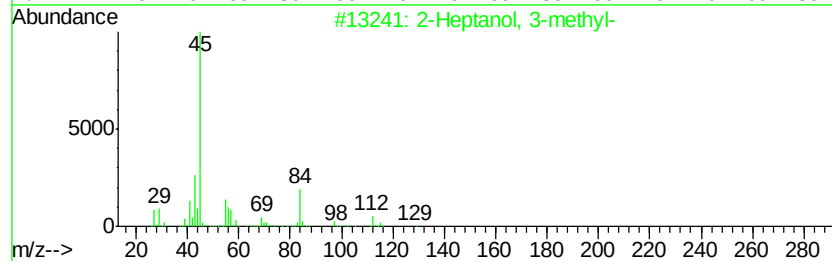
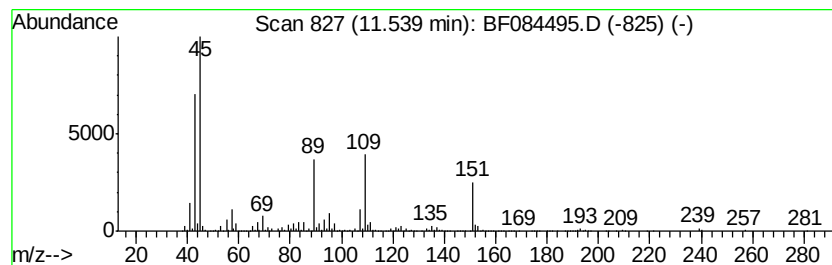
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown11.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	12.12 ng	1370380	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	35
2		5-Methoxymethoxyhexa-2,3-diene	142	C8H14O2	1000190-45-1	35
3		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	23
4		Ethanol, 2-[2-(ethenyloxy)ethoxy]-	132	C6H12O3	000929-37-3	23
5		Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
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Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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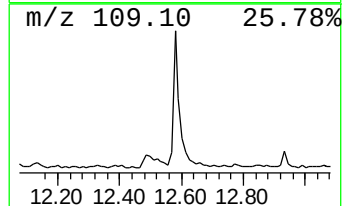
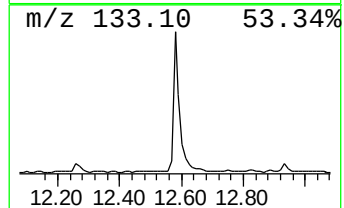
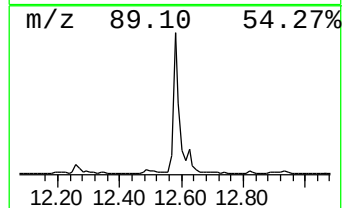
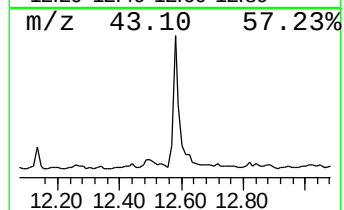
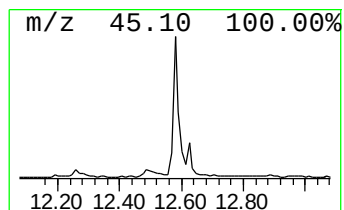
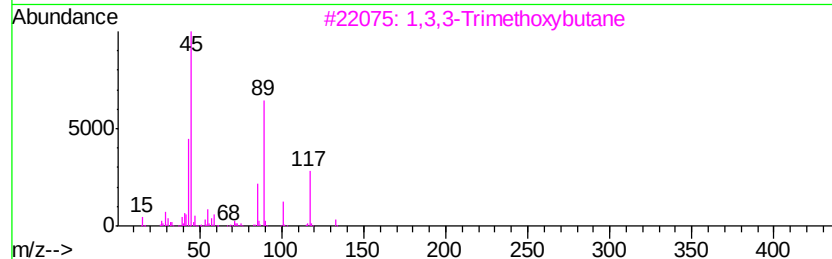
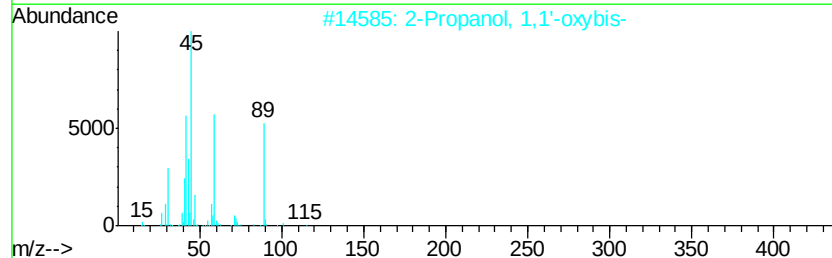
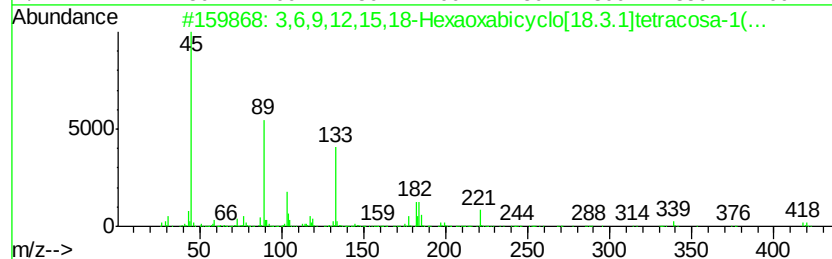
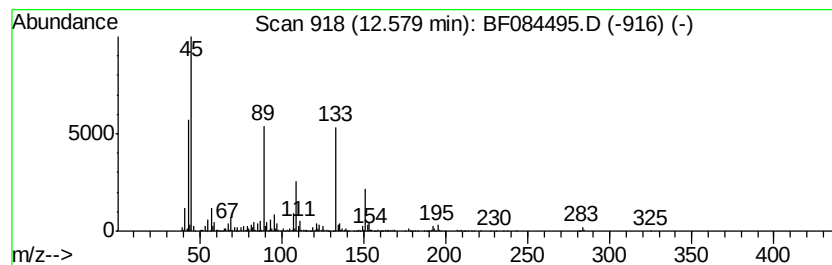
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown12.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.05 ng	1136450	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12,15,18-Hexaoxabicyclo[18.3.1]tetracos-1(2H)-one	418	C18H27BrO6	111982-22-0	36
2		2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	32
3		1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	23
4		(S)-Isopropyl lactate	132	C6H12O3	063697-00-7	23
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
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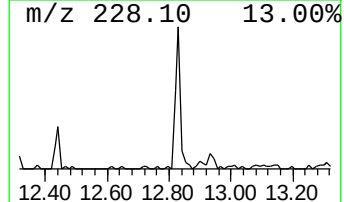
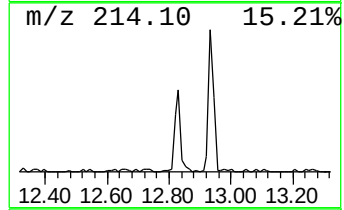
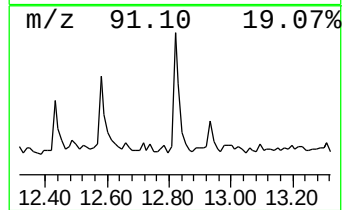
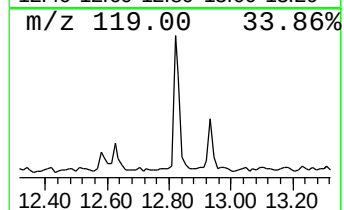
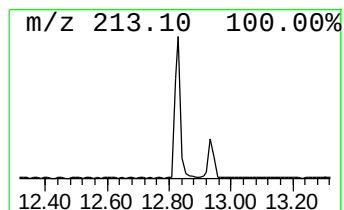
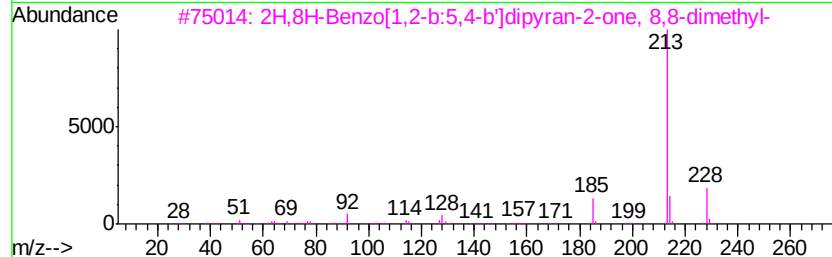
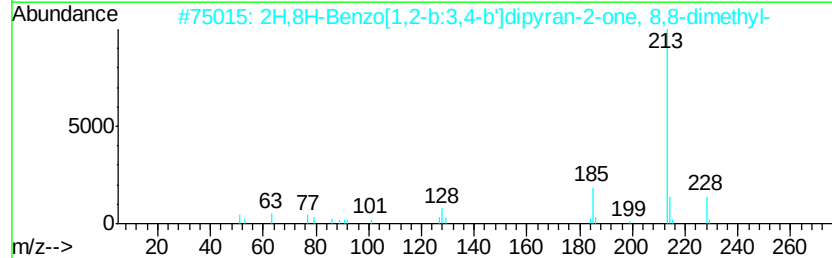
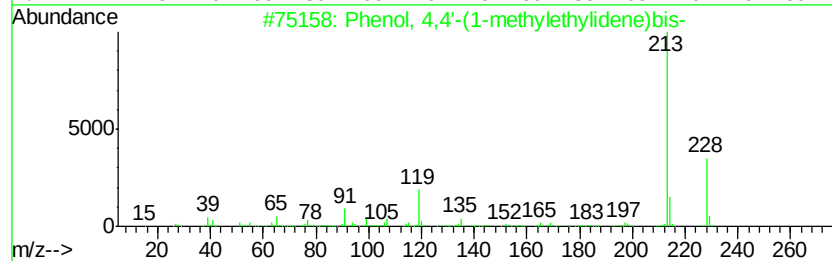
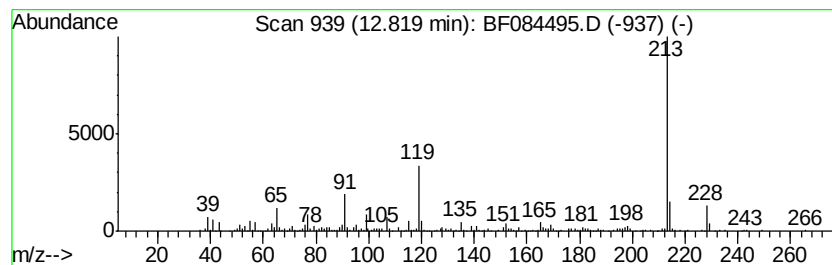
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.34 ng	421214	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
3		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
4		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
5		9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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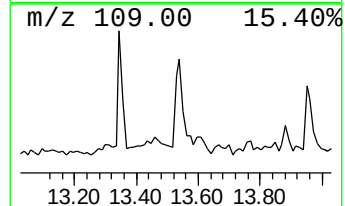
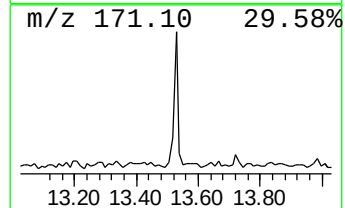
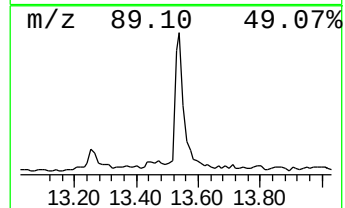
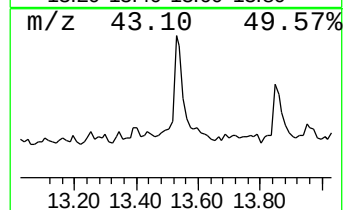
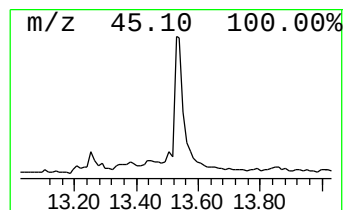
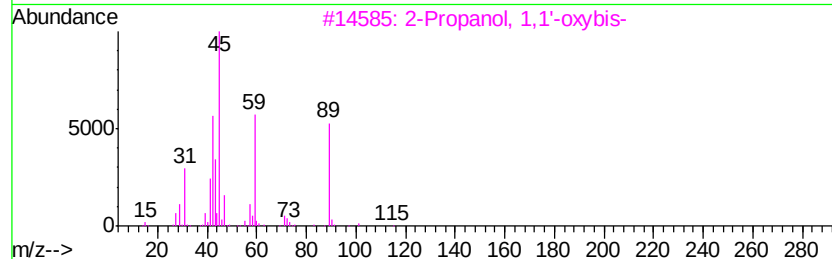
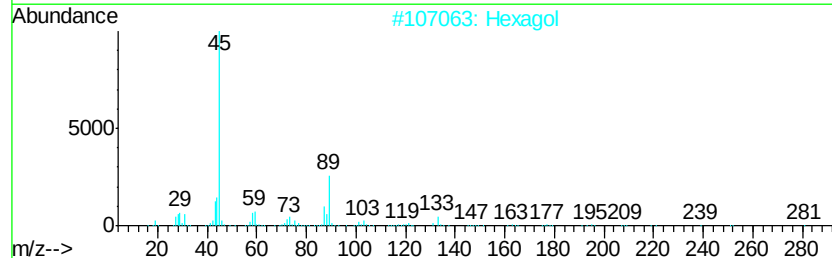
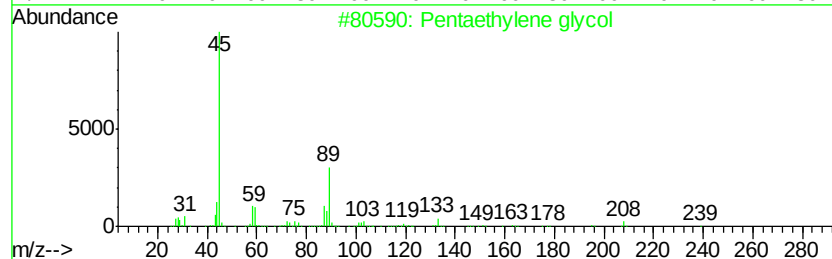
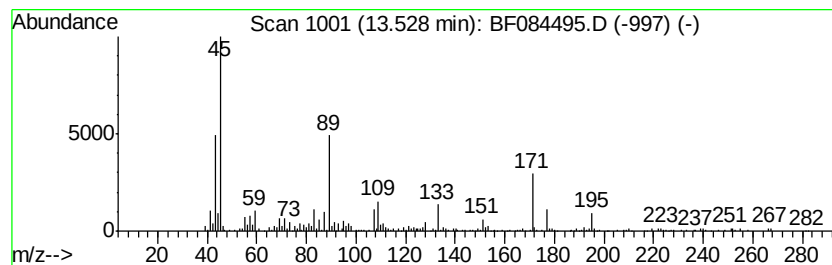
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown13.53 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	6.48 ng	511026	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol	238	C10H22O6	004792-15-8	43
2		Hexagol	282	C12H26O7	002615-15-8	38
3		2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	37
4		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	35
5		Diisopropyl ether	102	C6H14O	000108-20-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084495.D
Acq On : 15 Jan 2016 17:13
Operator : SJ/UM
Sample : H1114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-22

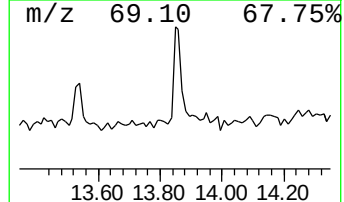
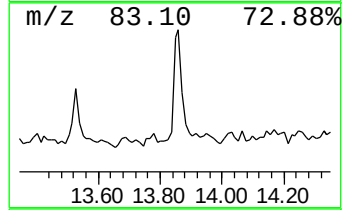
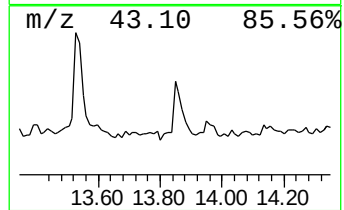
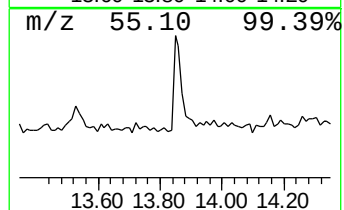
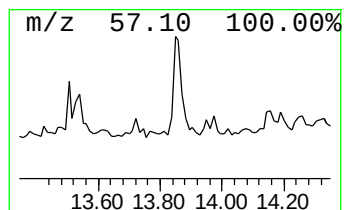
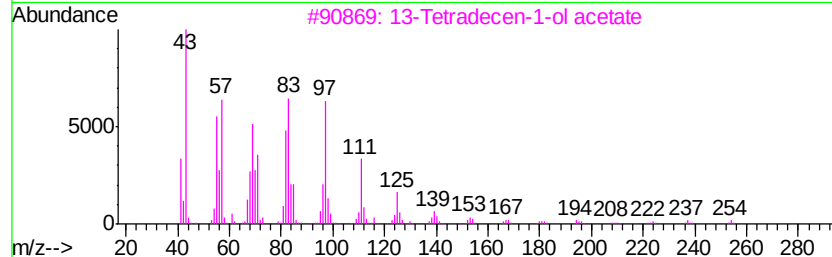
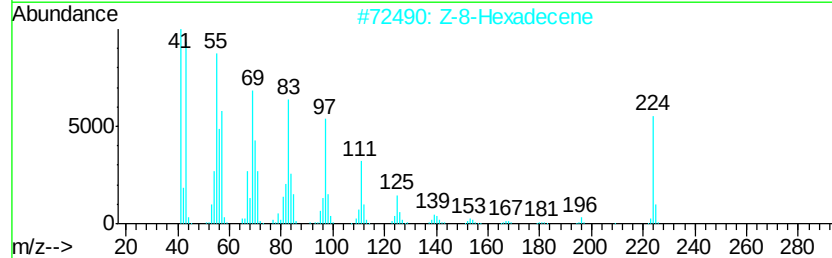
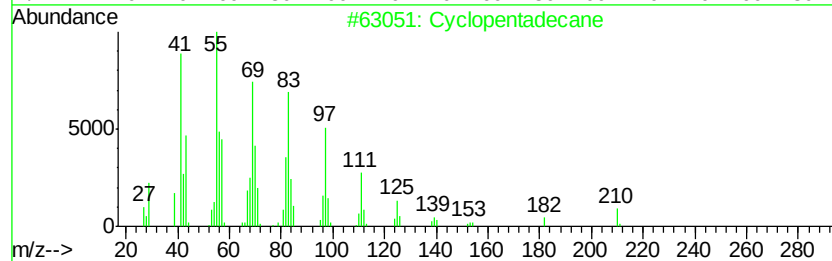
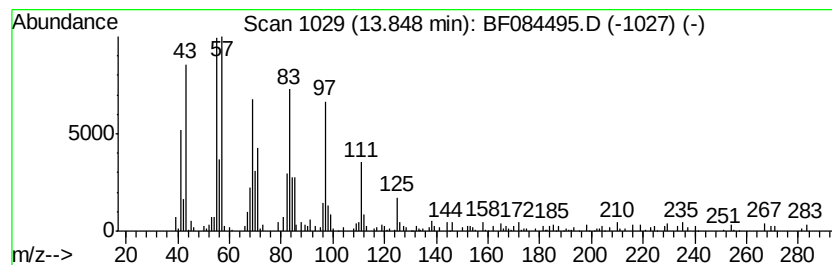
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclopentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.51 ng	276509	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	92
2			Z-8-Hexadecene	224	C16H32	1000130-87-5	89
3			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	87
4			1-Tetracosanol	354	C24H50O	000506-51-4	87
5			1-Hexacosanol	382	C26H54O	000506-52-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
 Data File : BF084495.D
 Acq On : 15 Jan 2016 17:13
 Operator : SJ/UM
 Sample : H1114-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.34	5.1 ng		479976	1	6.82	1869110	20.0
2-Pentanone, 4-hy...	4.99	19.1 ng		1781950	1	6.82	1869110	20.0
Butanoic acid, 3-...	5.13	5.4 ng		501550	1	6.82	1869110	20.0
1,3,5,7-Cycloocta...	5.63	5.3 ng		492877	1	6.82	1869110	20.0
2-Pentanone, 4-me...	5.82	3.7 ng		342208	1	6.82	1869110	20.0
unknown6.59	6.59	58.8 ng		5493290	1	6.82	1869110	20.0
1-Hexanol, 2-ethyl-	6.90	6.6 ng		617966	1	6.82	1869110	20.0
unknown8.38	8.38	8.3 ng		1110890	2	8.11	2691450	20.0
Vanillin	9.33	10.6 ng		2156610	3	9.86	4086590	20.0
Ethanone, 1-(4-hy...	9.79	4.0 ng		815435	3	9.86	4086590	20.0
unknown10.45	10.45	3.7 ng		749573	3	9.86	4086590	20.0
Tributyl phosphate	10.51	7.4 ng		1509310	3	9.86	4086590	20.0
Tridecane	10.77	3.6 ng		408634	4	11.34	2260560	20.0
unknown11.22	11.22	3.5 ng		398110	4	11.34	2260560	20.0
unknown11.54	11.54	12.1 ng		1370380	4	11.34	2260560	20.0
unknown12.58	12.58	10.1 ng		1136450	4	11.34	2260560	20.0
Phenol, 4,4'-(1-m...	12.82	5.3 ng		421214	5	13.99	1577220	20.0
unknown13.53	13.53	6.5 ng		511026	5	13.99	1577220	20.0
Cyclopentadecane	13.85	3.5 ng		276509	5	13.99	1577220	20.0