

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093165.D
 Acq On : 25 Feb 2017 00:54
 Operator : SJ/MA
 Sample : I1957-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(16-18)20170222

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-BF013017.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	3.104	78	89	94	rBV2	131320	384211	6.43%	0.304%
2	3.287	94	105	110	rBV2	175788	470522	7.87%	0.373%
3	3.550	117	128	135	rBV2	93427	366345	6.13%	0.290%
4	3.721	135	143	145	rVV3	147309	420012	7.03%	0.333%
5	3.870	150	156	158	rVV	112348	263808	4.41%	0.209%
6	4.007	163	168	172	rBV2	171180	365414	6.11%	0.290%
7	4.179	177	183	185	rBV2	230646	445894	7.46%	0.353%
8	4.236	185	188	190	rVB	149871	282223	4.72%	0.224%
9	4.384	196	201	205	rBV2	671916	1199242	20.06%	0.950%
10	4.487	205	210	213	rBV	316463	516641	8.64%	0.409%
11	4.704	227	229	231	rBV	252666	346174	5.79%	0.274%
12	4.819	235	239	242	rBV	945143	1468170	24.56%	1.163%
13	4.876	242	244	245	rBV	136732	270484	4.52%	0.214%
14	4.910	245	247	251	rVB	839129	1123363	18.79%	0.890%
15	5.001	251	255	258	rBV2	1579965	4322021	72.29%	3.424%
16	5.047	258	259	261	rVV2	361650	454531	7.60%	0.360%
17	5.116	261	265	267	rVB2	411268	769259	12.87%	0.610%
18	5.196	269	272	274	rBV	1430395	1659628	27.76%	1.315%
19	5.242	274	276	277	rVB2	270013	368431	6.16%	0.292%
20	5.287	277	280	282	rVB2	243991	345864	5.78%	0.274%
21	5.367	282	287	289	rBV3	319219	779001	13.03%	0.617%
22	5.436	289	293	295	rVV	3751936	5228727	87.46%	4.143%
23	5.482	295	297	300	rVV	506802	609429	10.19%	0.483%
24	5.573	303	305	307	rBV2	983752	1371229	22.94%	1.086%
25	5.619	307	309	310	rVB	981265	975992	16.32%	0.773%
26	5.653	310	312	317	rVB2	658487	1312231	21.95%	1.040%
27	5.733	317	319	321	rVB	458692	507310	8.49%	0.402%
28	5.824	323	327	329	rBV3	906152	1771909	29.64%	1.404%
29	5.882	329	332	334	rBV2	568799	1051211	17.58%	0.833%
30	5.962	337	339	342	rVB	1408797	1915730	32.04%	1.518%
31	6.019	342	344	346	rBV	674657	1117290	18.69%	0.885%
32	6.064	346	348	351	rVV	3368835	4012560	67.11%	3.179%
33	6.122	351	353	355	rVV	2151675	2491354	41.67%	1.974%
34	6.156	355	356	362	rVB5	565063	1670296	27.94%	1.323%

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35	6.259	362	365	367 rBV	1363104	1799521	30.10%	1.426%
36	6.327	369	371	372 rVV	630135	811822	13.58%	0.643%
37	6.350	372	373	378 rVV2	1444180	2093453	35.01%	1.659%
38	6.476	381	384	387 rVV	4327451	5978745	100.00%	4.737%
39	6.522	387	388	390 rVV	545488	548319	9.17%	0.434%
40	6.567	390	392	393 rVV	908817	1498093	25.06%	1.187%
41	6.602	393	395	399 rVV	4539503	5563633	93.06%	4.408%
42	6.682	399	402	404 rVV3	743987	1237748	20.70%	0.981%
43	6.716	404	405	406 rVV	266105	300510	5.03%	0.238%
44	6.796	406	412	413 rVV4	689110	2068878	34.60%	1.639%
45	6.853	413	417	418 rVV2	1896884	4221013	70.60%	3.344%
46	6.887	418	420	422 rVV	668846	1051976	17.60%	0.834%
47	6.945	422	425	427 rVV3	653656	1894621	31.69%	1.501%
48	6.990	427	429	430 rVV2	3884933	4567604	76.40%	3.619%
49	7.070	434	436	437 rVV	455961	888940	14.87%	0.704%
50	7.105	437	439	441 rVV2	820294	1404354	23.49%	1.113%
51	7.139	441	442	444 rVV2	361466	526380	8.80%	0.417%
52	7.185	444	446	447 rVV2	350026	504091	8.43%	0.399%
53	7.230	447	450	451 rVV2	732959	1187603	19.86%	0.941%
54	7.310	455	457	458 rVV	262397	420142	7.03%	0.333%
55	7.356	459	461	462 rVV	731677	1103862	18.46%	0.875%
56	7.402	462	465	468 rVV	2603734	4261685	71.28%	3.377%
57	7.482	469	472	474 rVV2	779601	1476909	24.70%	1.170%
58	7.550	474	478	480 rVV3	673292	1717650	28.73%	1.361%
59	7.596	480	482	483 rVV	456881	870051	14.55%	0.689%
60	7.619	483	484	488 rVV2	924869	1762985	29.49%	1.397%
61	7.676	488	489	491 rVV2	333007	546758	9.15%	0.433%
62	7.733	491	494	495 rVV2	412416	977544	16.35%	0.775%
63	7.756	495	496	499 rVV3	623650	1044556	17.47%	0.828%
64	7.802	499	500	505 rVV	618887	1179468	19.73%	0.935%
65	7.882	505	507	510 rVV3	306763	715488	11.97%	0.567%
66	7.939	510	512	515 rVV3	337439	622608	10.41%	0.493%
67	7.996	515	517	519 rVV2	337374	621682	10.40%	0.493%
68	8.065	521	523	525 rVV2	306722	657974	11.01%	0.521%
69	8.122	525	528	531 rVV	1560130	2318987	38.79%	1.837%
70	8.190	531	534	535 rVV2	1430946	1855875	31.04%	1.470%
71	8.213	535	536	540 rVV2	469799	727621	12.17%	0.577%

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72	8.282	540	542	544	rVV2	177231	361905	6.05%	0.287%
73	8.328	544	546	547	rVV	386178	434709	7.27%	0.344%
74	8.408	550	553	557	rVV5	218868	680491	11.38%	0.539%
75	8.510	560	562	563	rVV	284276	321904	5.38%	0.255%
76	8.545	563	565	570	rVB	634183	957246	16.01%	0.758%
77	8.659	574	575	579	rVB4	123937	237117	3.97%	0.188%
78	8.819	587	589	590	rVB	234994	301341	5.04%	0.239%
79	8.922	595	598	600	rVV4	64956	167084	2.79%	0.132%
80	9.036	604	608	610	rVB4	92488	225352	3.77%	0.179%
81	9.150	616	618	620	rBV	276740	299702	5.01%	0.237%
82	9.208	620	623	625	rVV	3651491	4815613	80.55%	3.816%
83	9.288	627	630	632	rVV2	97634	200887	3.36%	0.159%
84	9.322	632	633	639	rVV4	103380	220630	3.69%	0.175%
85	9.596	655	657	659	rVB	1204819	1066453	17.84%	0.845%
86	9.653	659	662	667	rVB	156027	228375	3.82%	0.181%
87	9.733	667	669	672	rVB	283463	262851	4.40%	0.208%
88	9.882	679	682	683	rVV	1048642	1330882	22.26%	1.054%
89	9.916	683	685	689	rVB3	108360	182650	3.05%	0.145%
90	10.488	732	735	736	rBV	228636	253895	4.25%	0.201%
91	10.671	748	751	753	rVV	2669087	2932878	49.06%	2.324%
92	10.785	757	761	765	rVB2	99410	194691	3.26%	0.154%
93	11.356	809	811	815	rBV2	1149137	1428511	23.89%	1.132%
94	11.585	829	831	835	rBV2	270751	331998	5.55%	0.263%
95	12.568	915	917	920	rBV	172998	207232	3.47%	0.164%
96	12.797	932	937	940	rBV2	172678	243246	4.07%	0.193%
97	12.945	947	950	953	rBV	3077162	4056342	67.85%	3.214%
98	13.848	1026	1029	1034	rBV	169219	269003	4.50%	0.213%
99	13.997	1038	1042	1047	rBV	1252678	1415279	23.67%	1.121%
100	15.425	1165	1167	1175	rVB	637005	896186	14.99%	0.710%

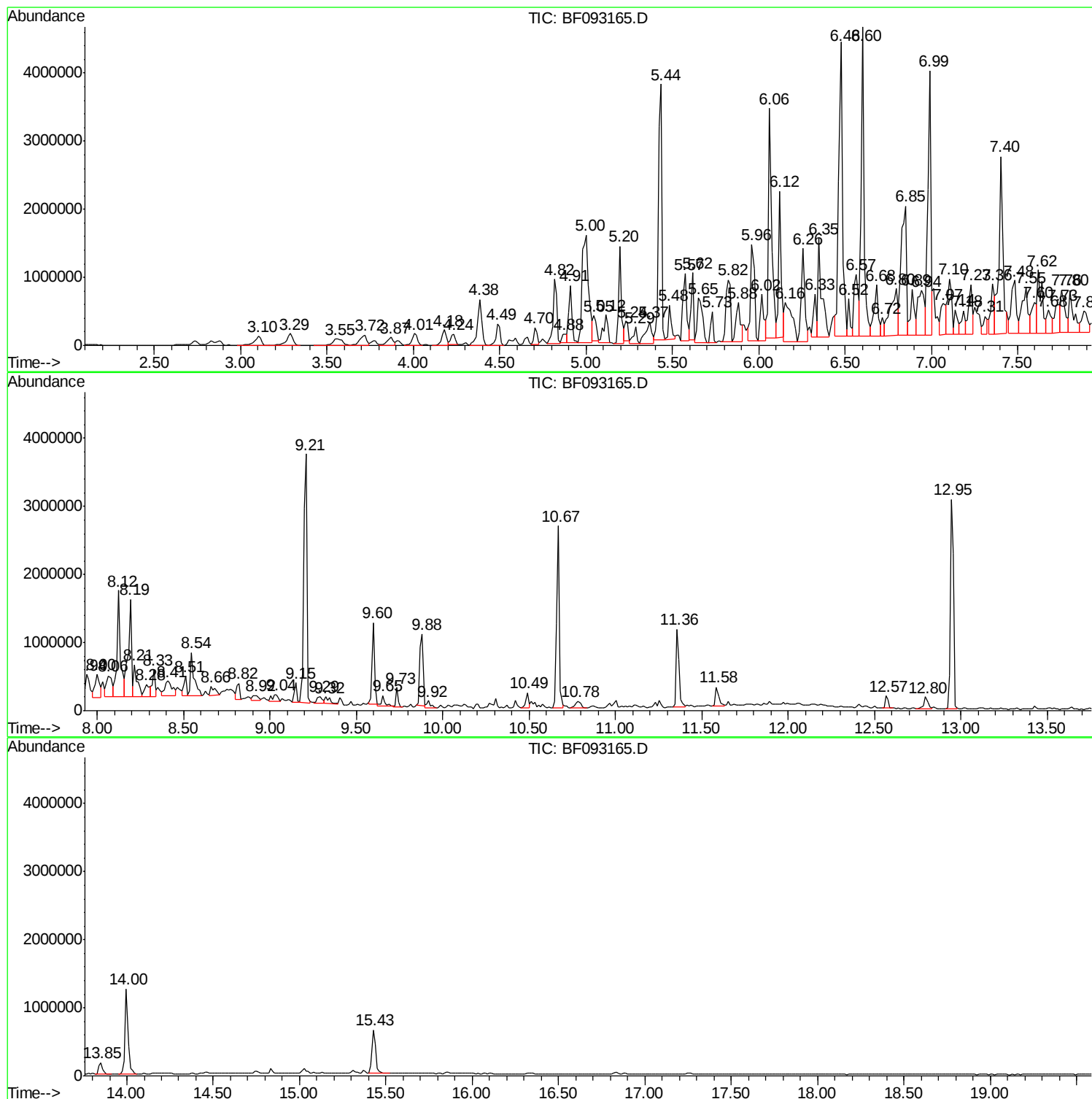
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TIC Library : C:\DATABASE\NIST02.L
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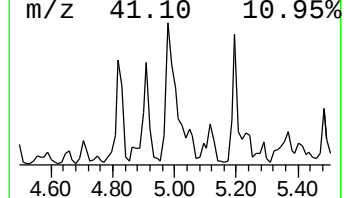
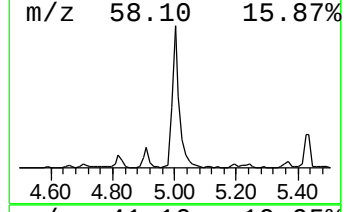
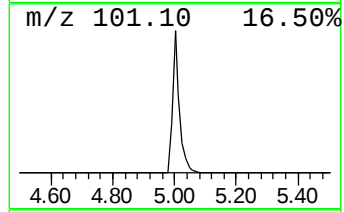
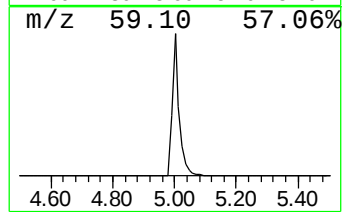
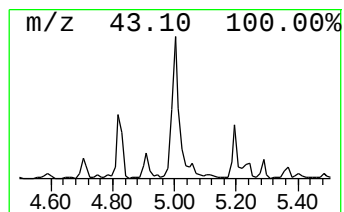
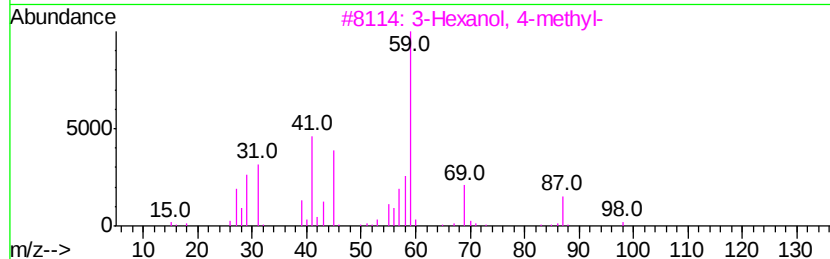
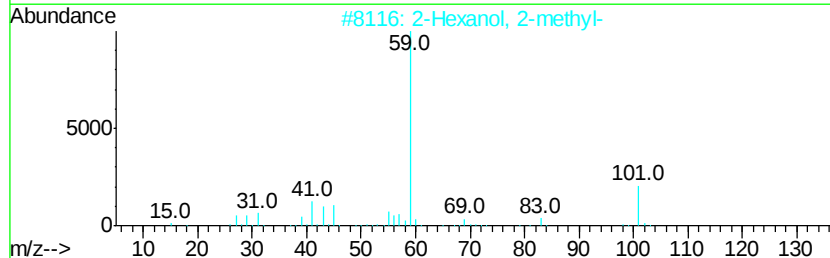
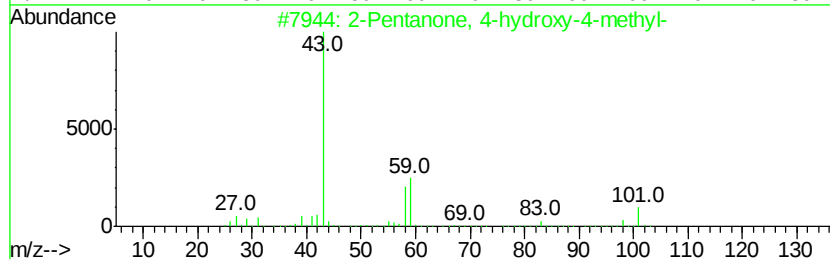
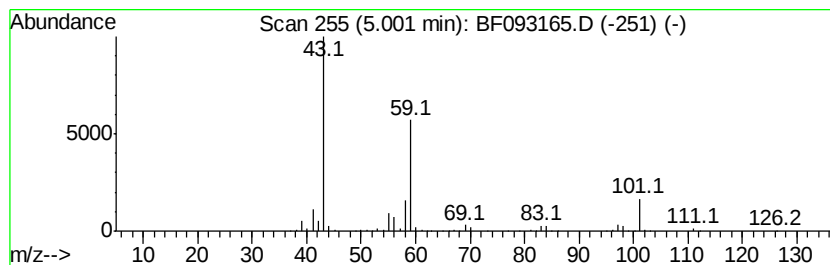
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.00	20.48 ng	4322020	1,4-Dichlorobenzene-d4	6.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	25	
5	Acetic acid, cyano-, methyl ester	99	C4H5NO2	000105-34-0	12	



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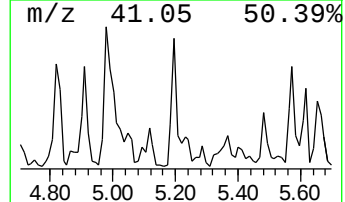
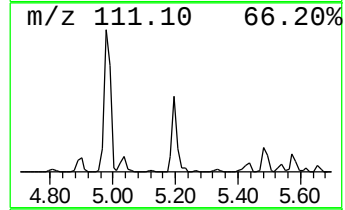
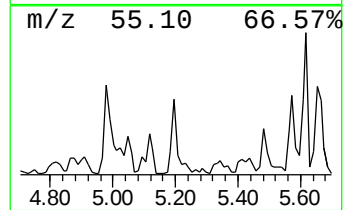
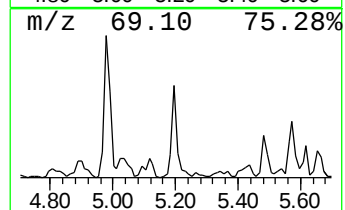
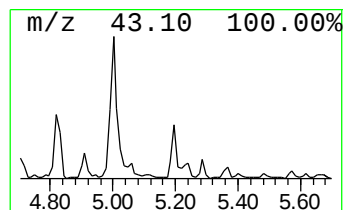
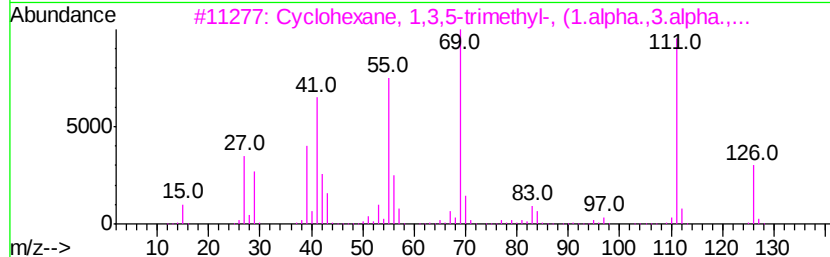
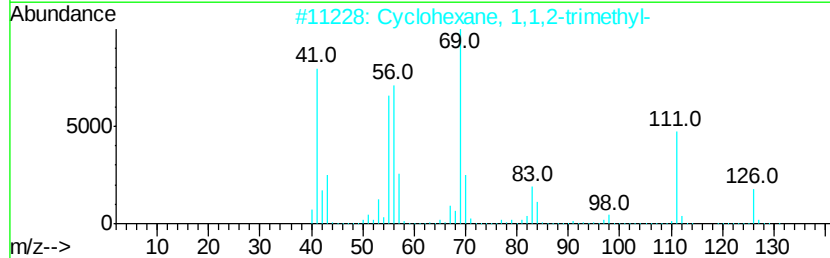
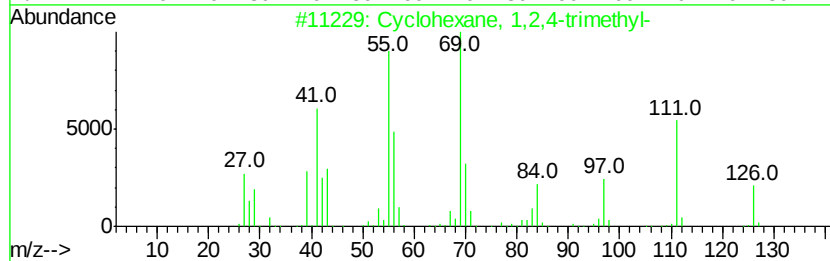
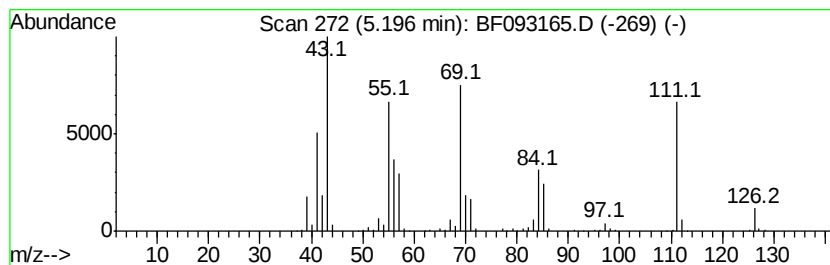
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.86 ng	1659630	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50



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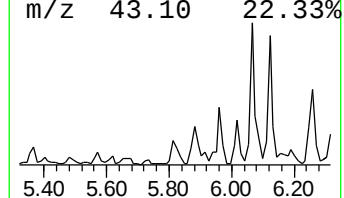
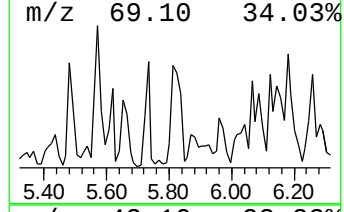
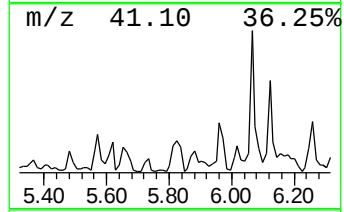
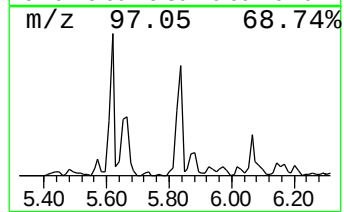
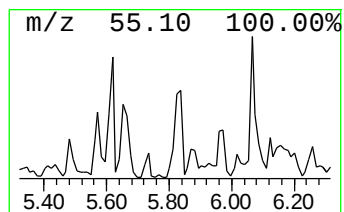
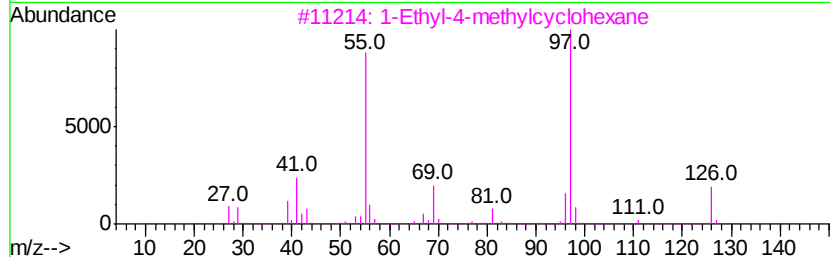
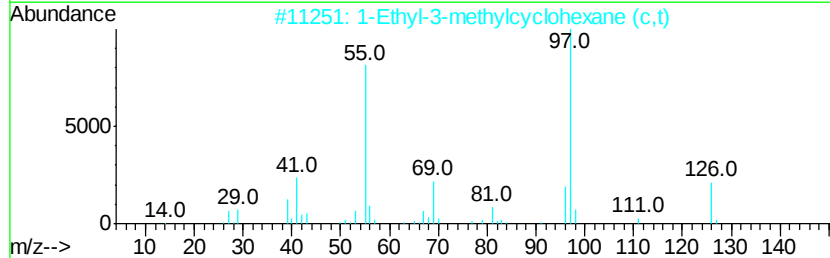
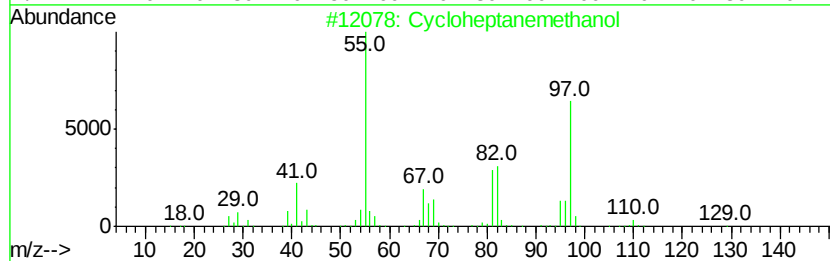
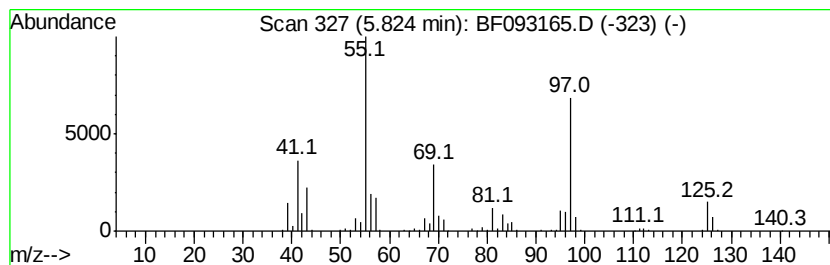
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Peak Number 3 Cycloheptanemethanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	8.40 ng	1771910	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptanemethanol	128	C8H16O	004448-75-3	64
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
4		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	50
5		7-Tridecanol	200	C13H28O	000927-45-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
Sample : I1957-15
Misc :
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Instrument :
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ClientSampleId :
SRI-SB-5(16-18)20170222

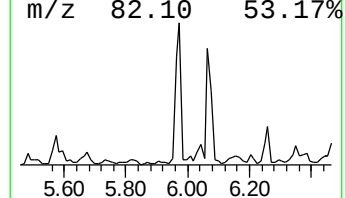
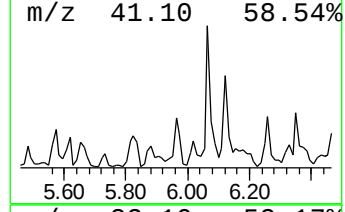
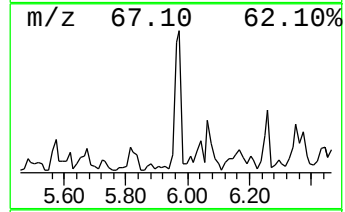
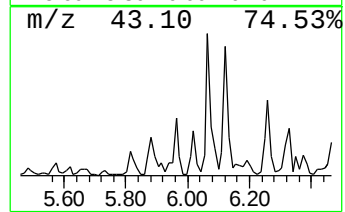
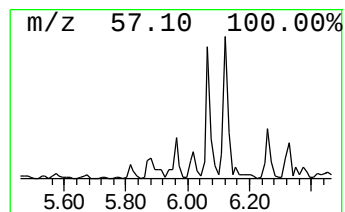
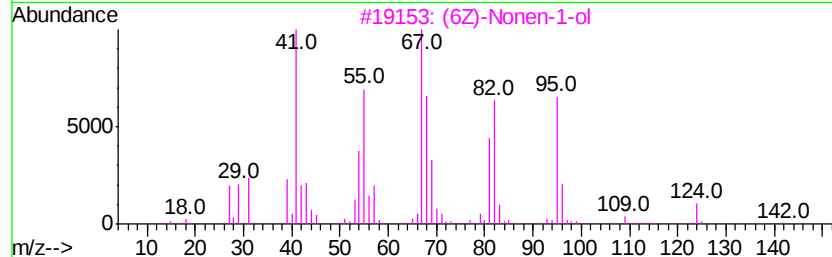
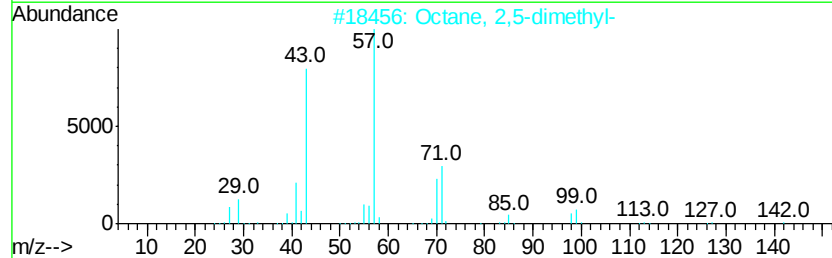
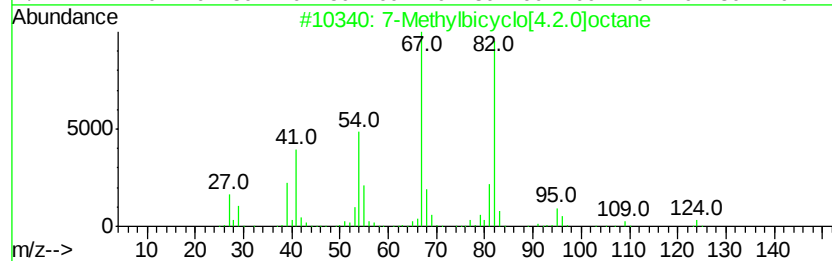
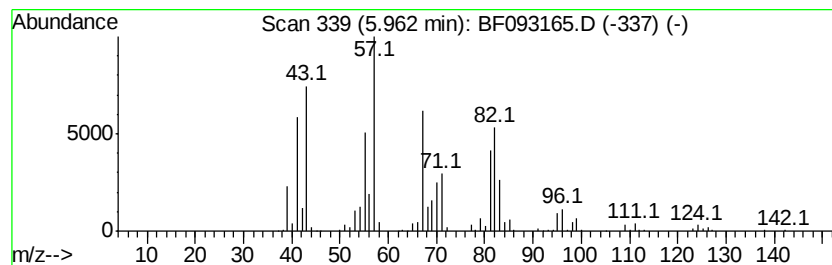
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.96 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	9.08 ng	1915730	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	38
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
3		(6Z)-Nonen-1-ol	142	C9H18O	035854-86-5	38
4		1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	27
5		3-Aminocrotononitrile	82	C4H6N2	001118-61-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Acq On : 25 Feb 2017 00:54
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ClientSampleId :
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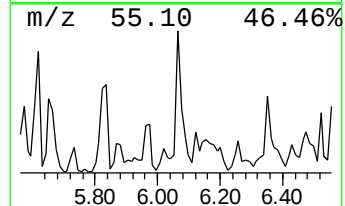
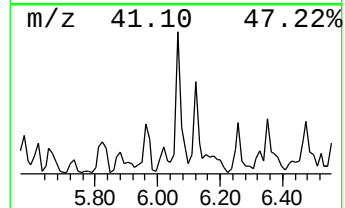
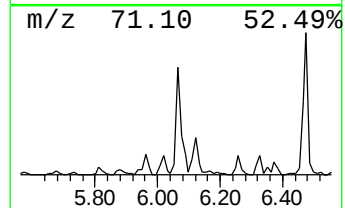
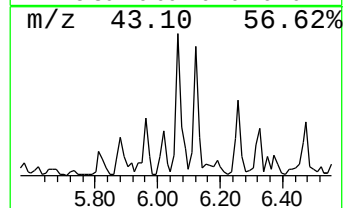
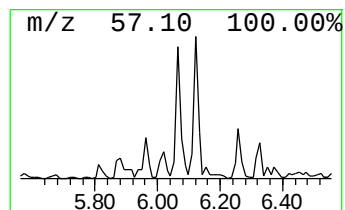
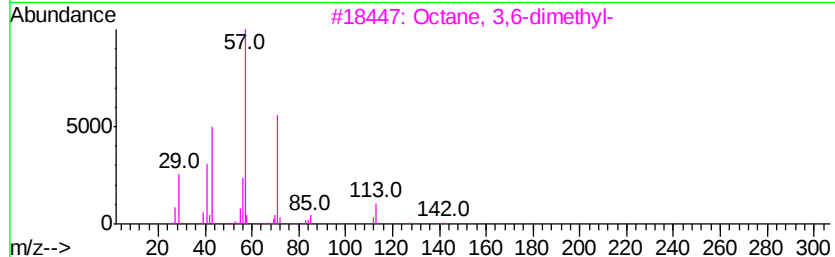
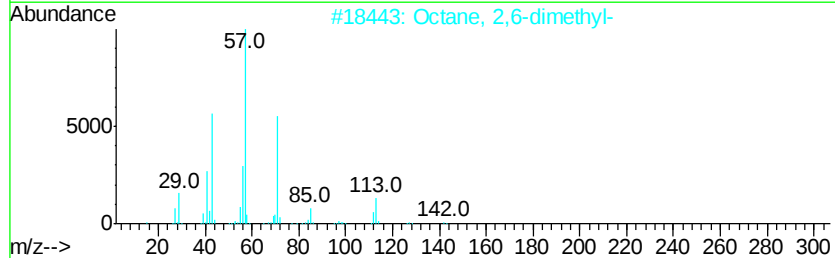
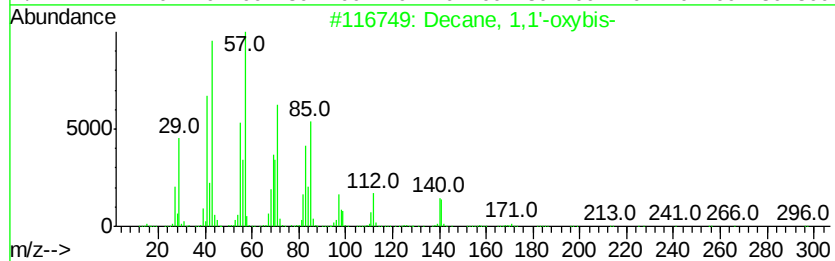
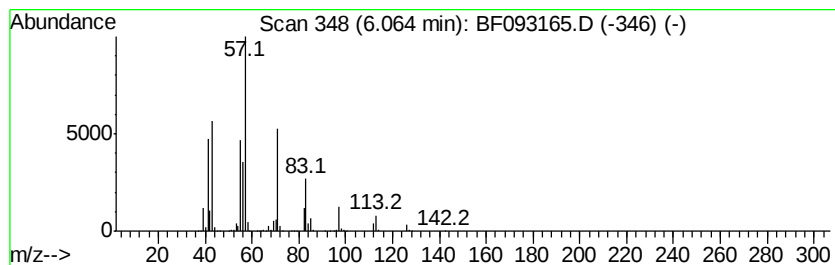
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	19.01 ng	4012560	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093165.D
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Operator : SJ/MA
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Misc :
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SRI-SB-5(16-18)20170222

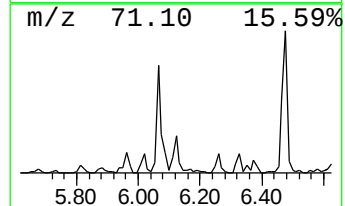
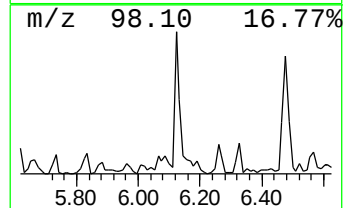
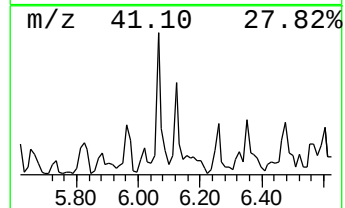
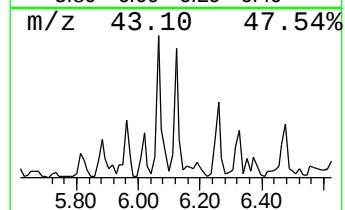
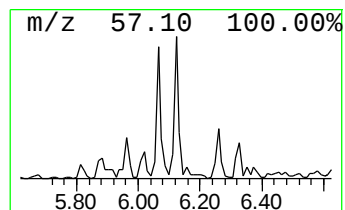
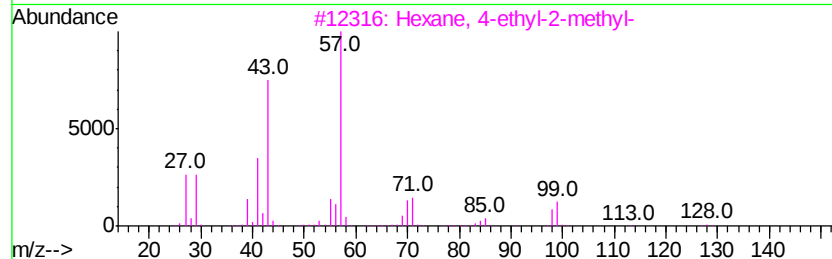
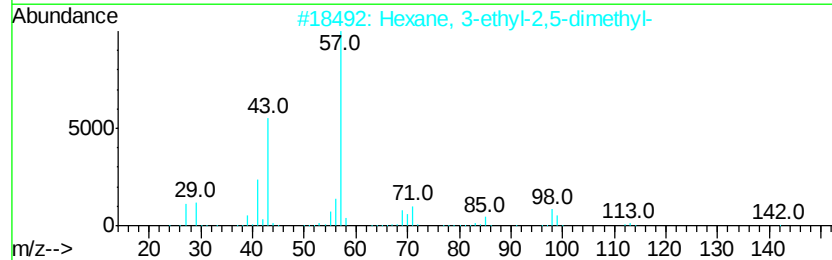
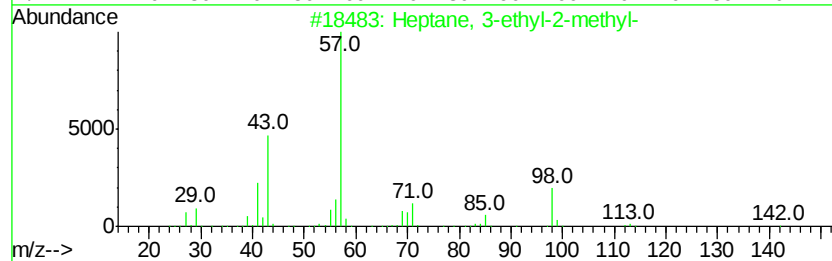
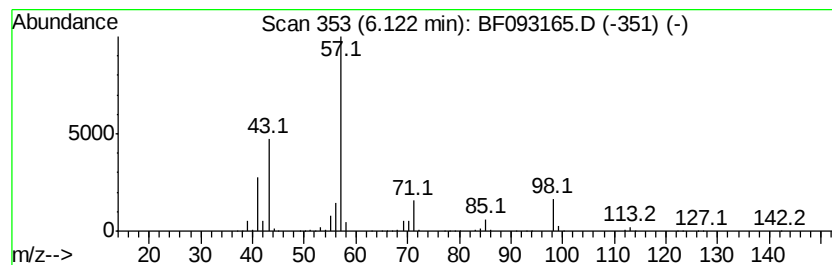
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	11.80 ng	2491350	1,4-Dichlorobenzene-d4	6.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	74
3		Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
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Misc :
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Instrument :
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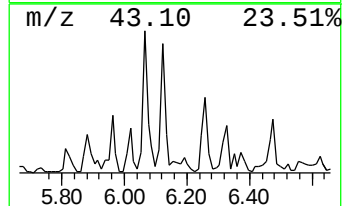
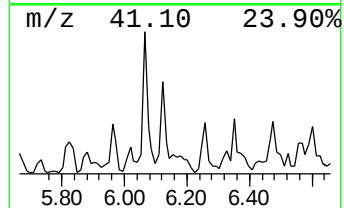
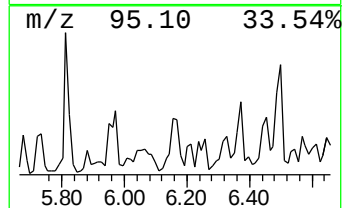
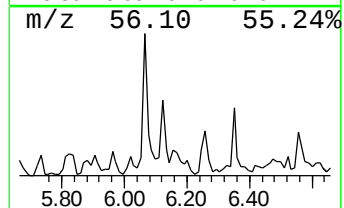
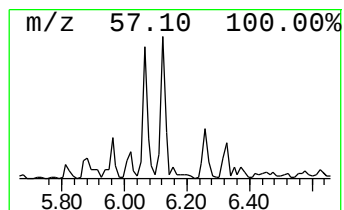
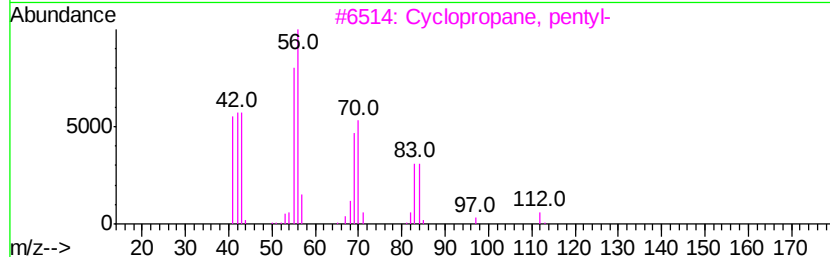
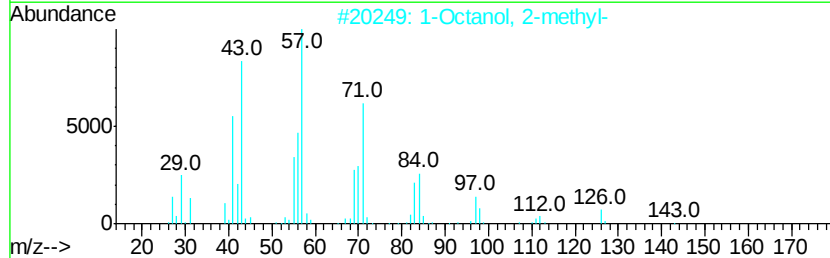
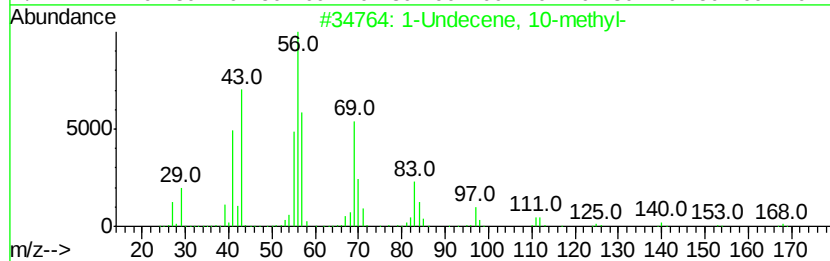
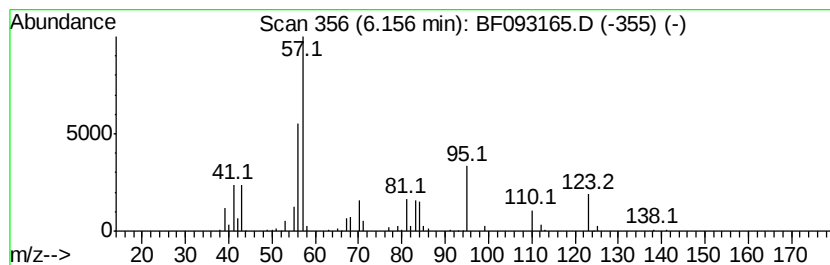
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.16 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	7.91 ng	1670300	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene, 10-methyl-	168	C12H24	022370-55-4	32
2			1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	25
3			Cyclopropane, pentyl-	112	C8H16	002511-91-3	25
4			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	23
5			2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
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Instrument :
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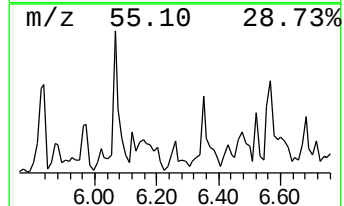
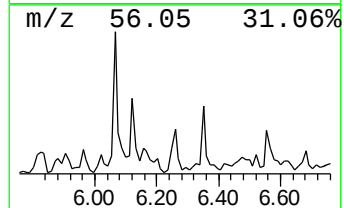
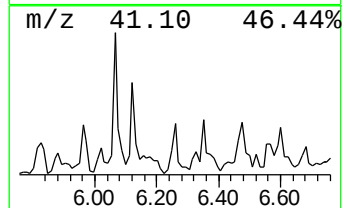
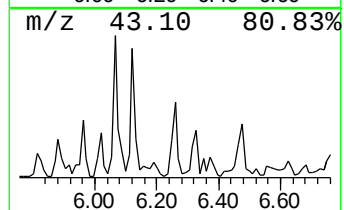
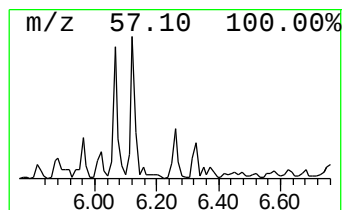
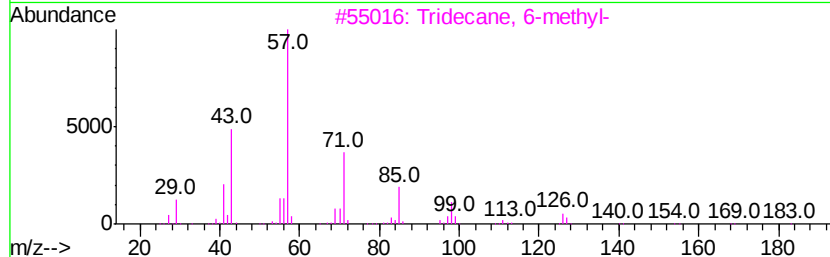
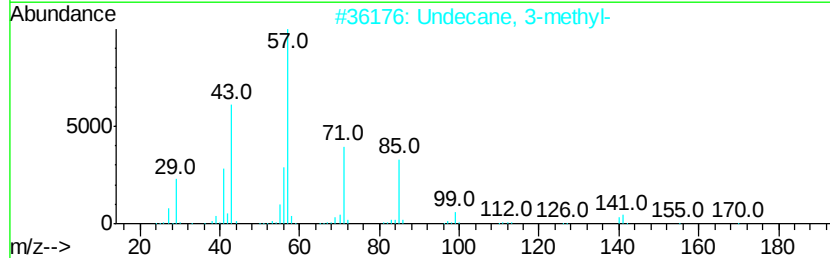
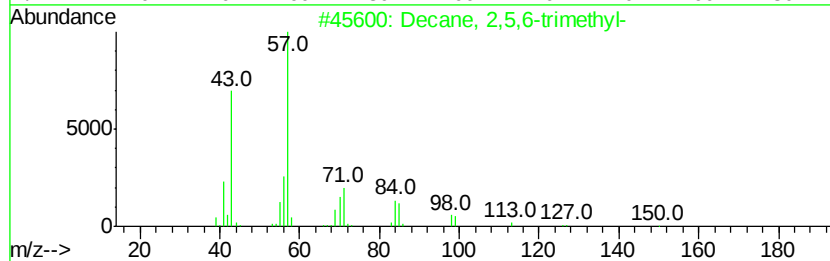
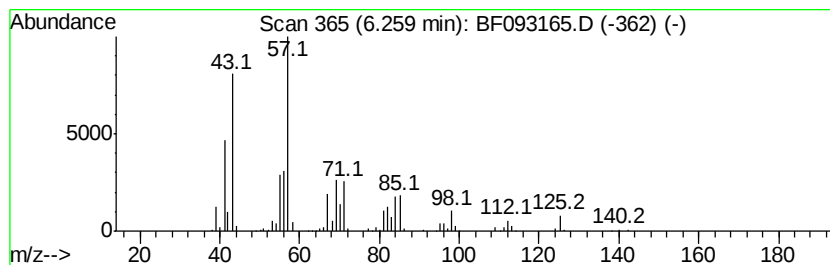
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,5,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	8.53 ng	1799520	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	43
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	43
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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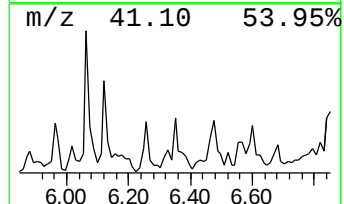
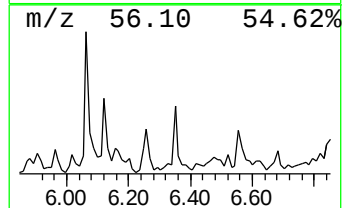
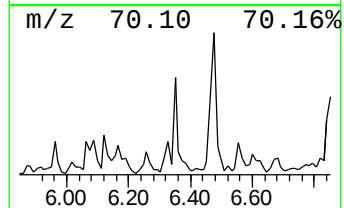
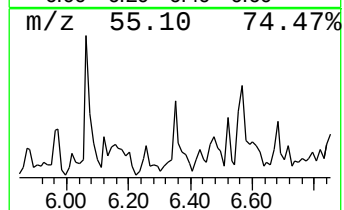
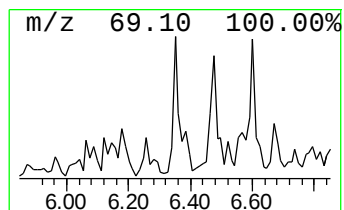
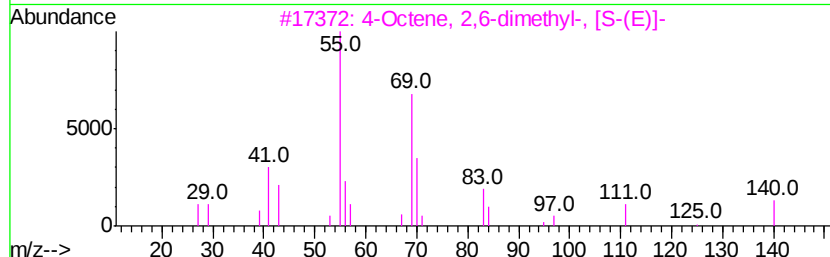
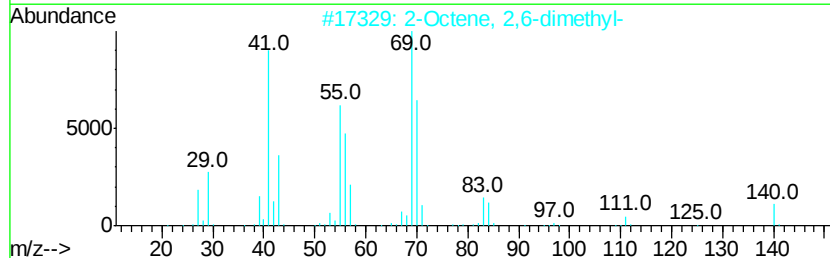
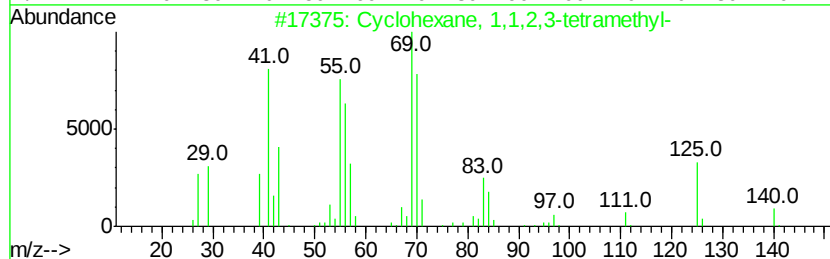
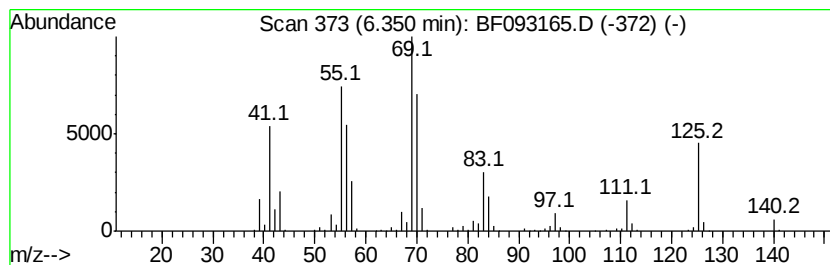
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	9.92 ng	2093450	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	47
5			1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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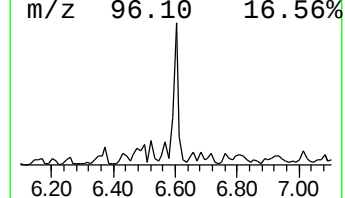
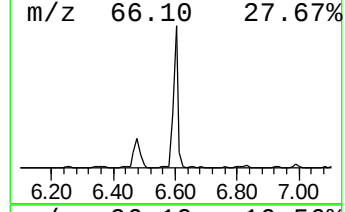
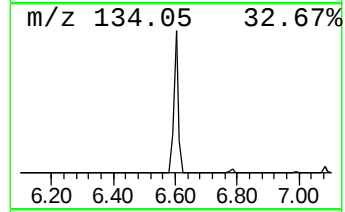
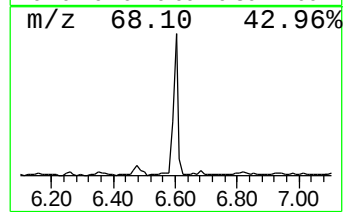
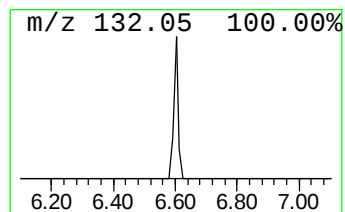
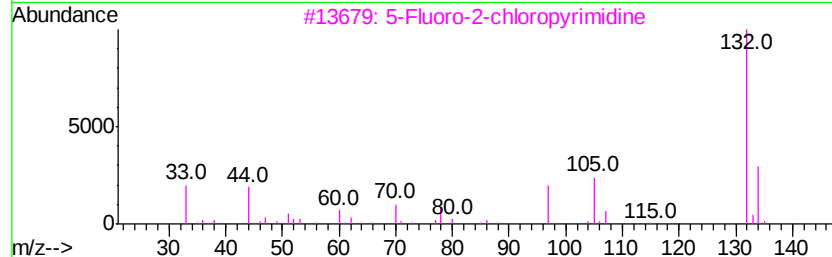
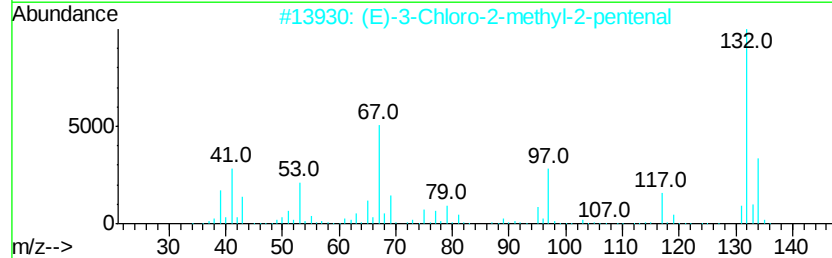
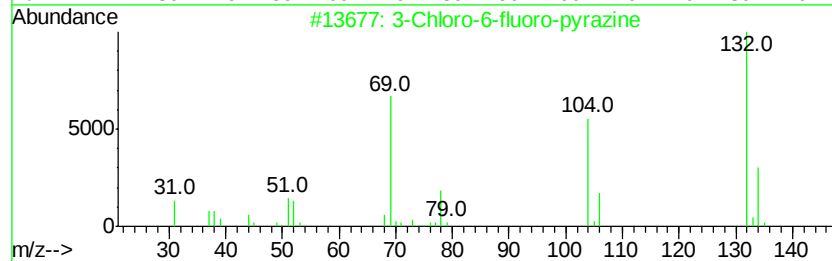
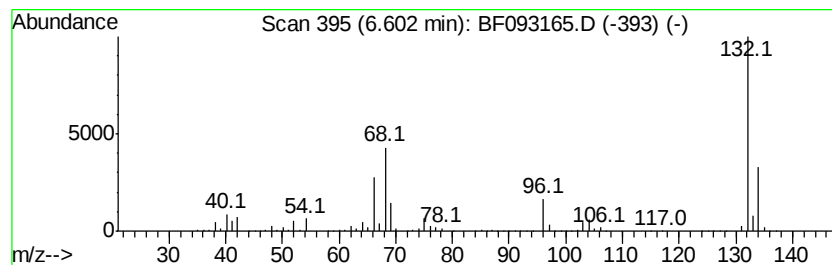
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	26.36 ng	5563630	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
Sample : I1957-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(16-18)20170222

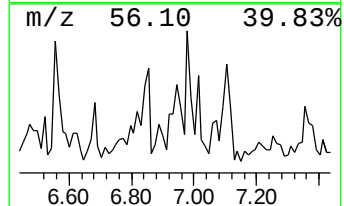
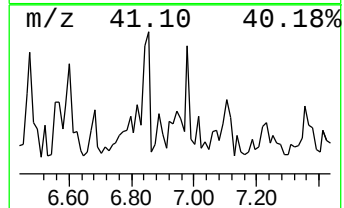
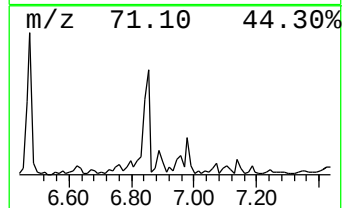
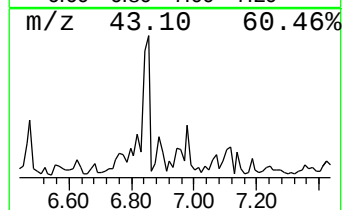
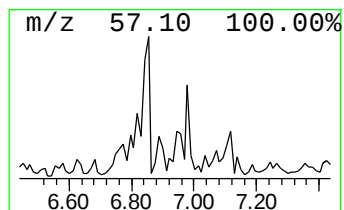
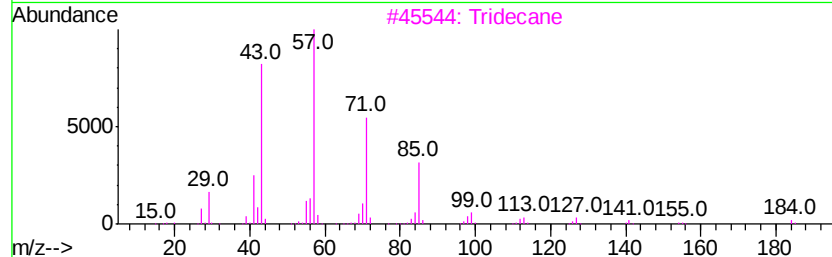
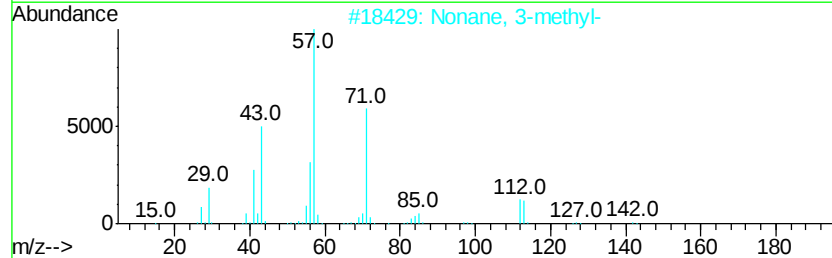
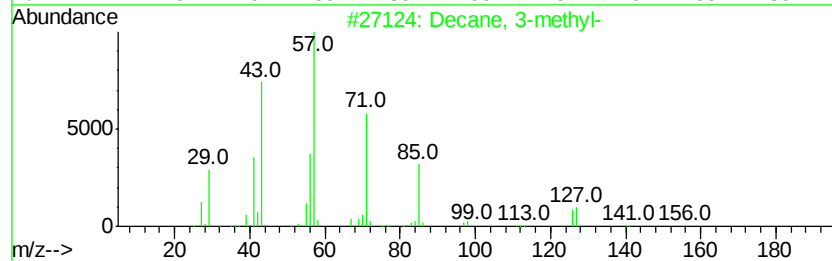
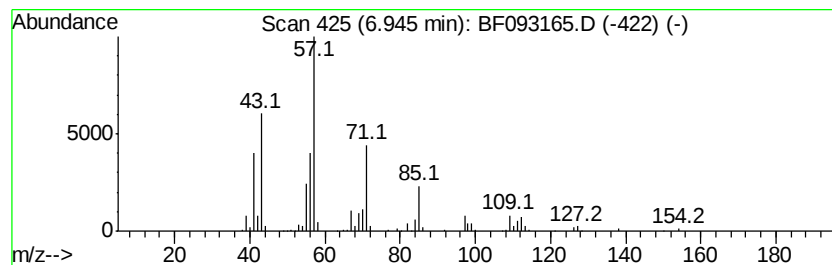
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	8.98 ng	1894620	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Tridecane	184	C13H28	000629-50-5	50
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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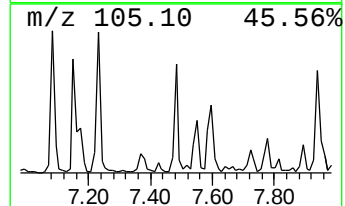
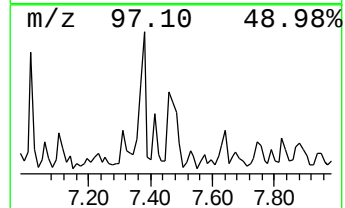
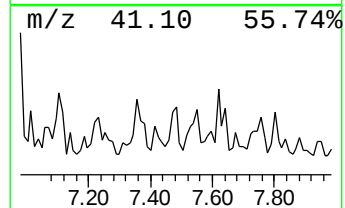
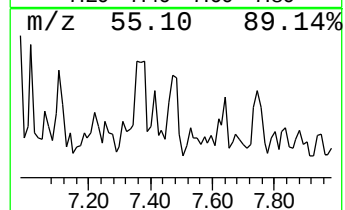
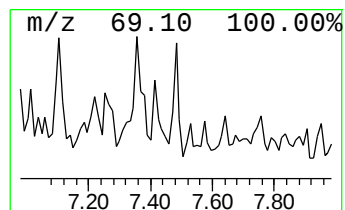
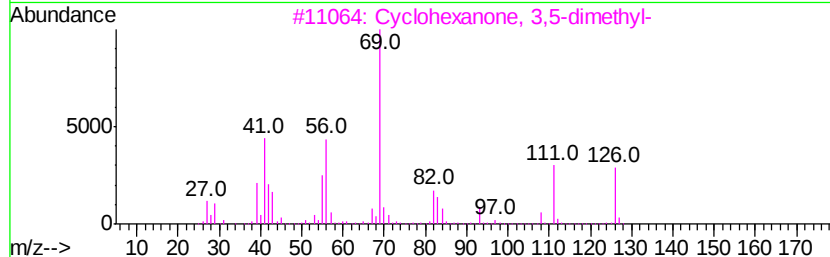
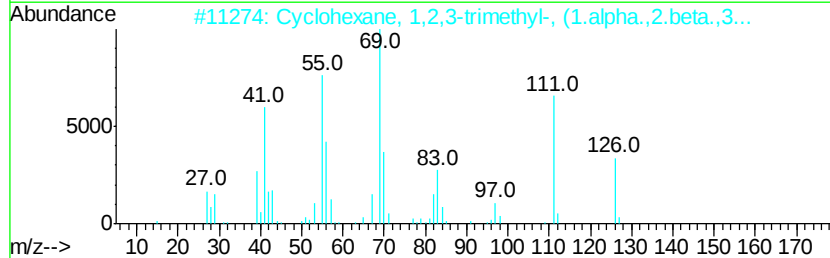
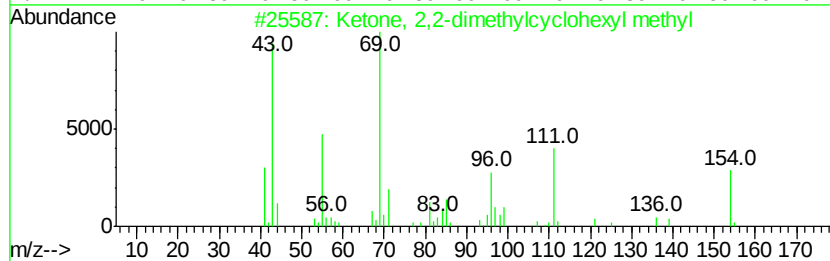
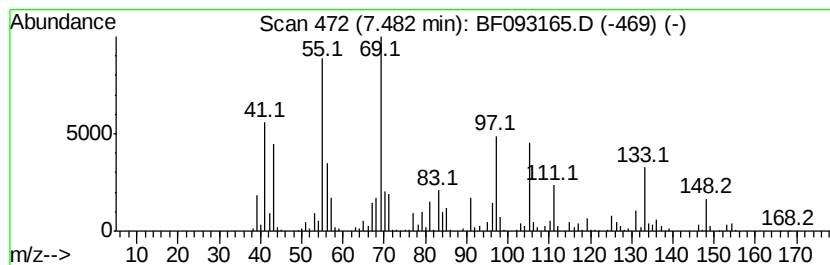
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	12.74 ng	1476910	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	49
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	46
3		Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	43
4		6-Methyl-hept-2-en-4-ol	126	C8H14O	060018-69-1	38
5		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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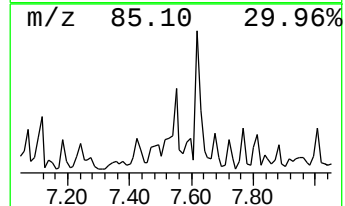
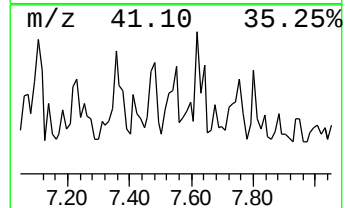
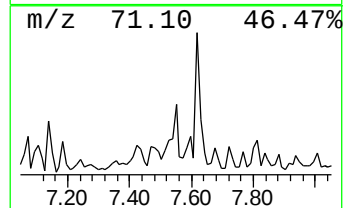
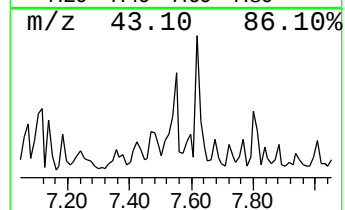
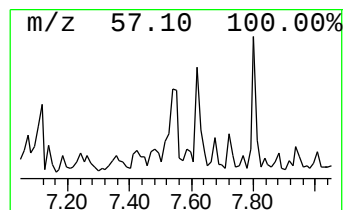
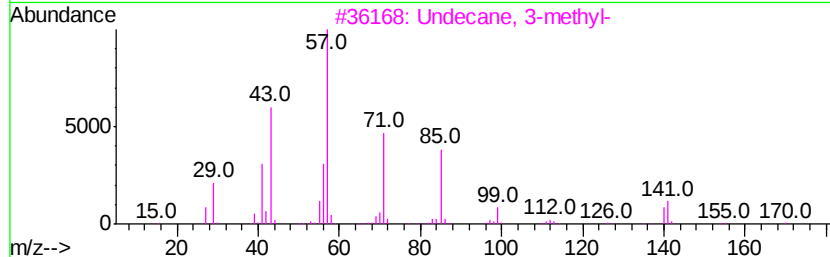
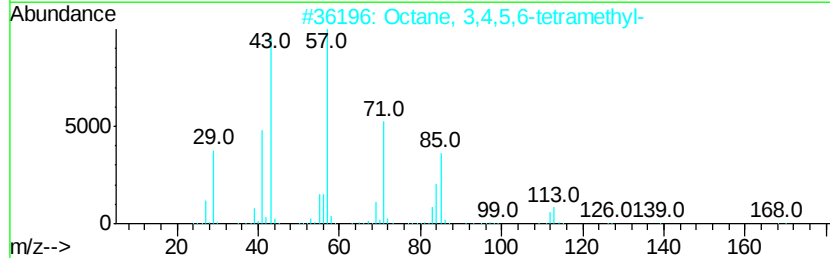
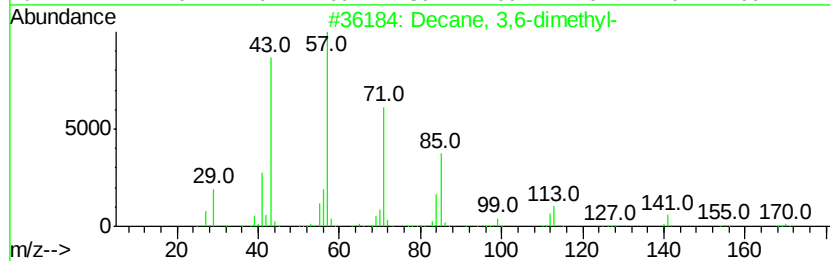
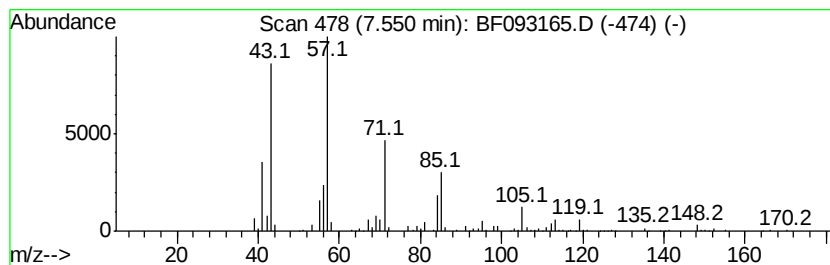
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	14.81 ng	1717650	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	58
4		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	58
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
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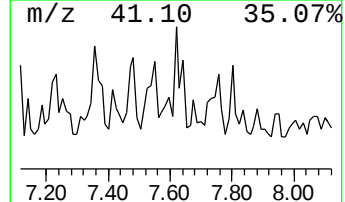
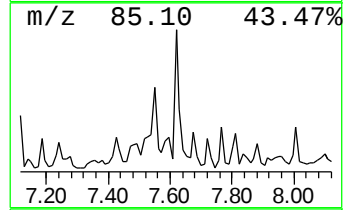
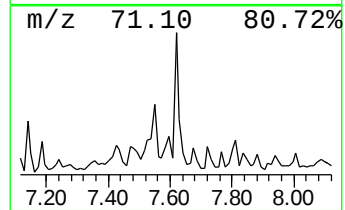
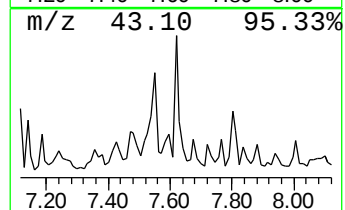
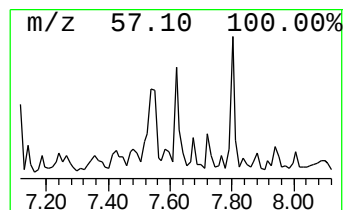
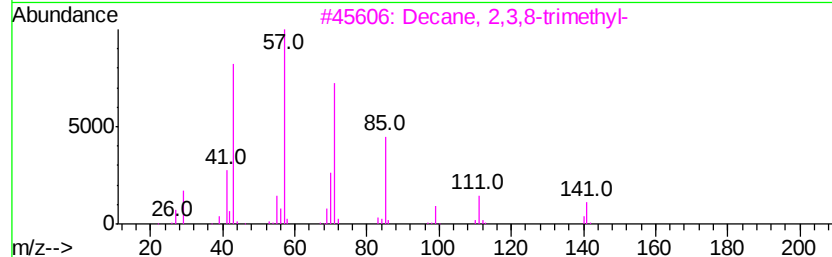
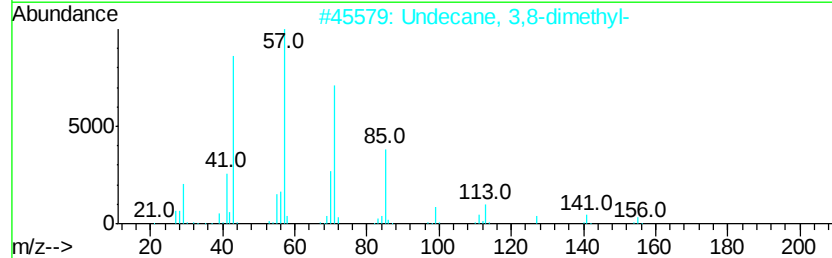
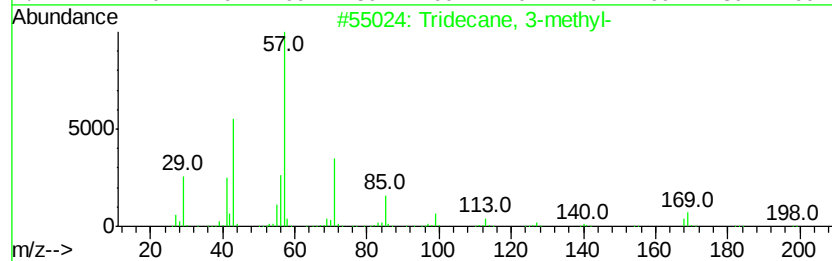
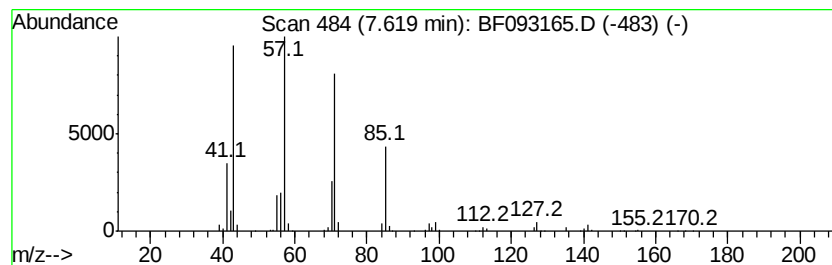
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	15.20 ng	1762990	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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SRI-SB-5(16-18)20170222

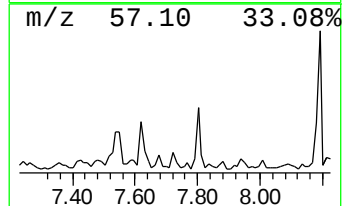
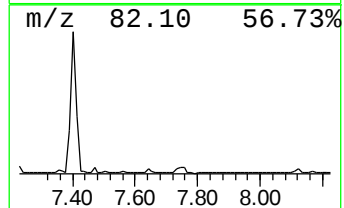
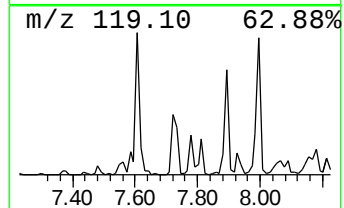
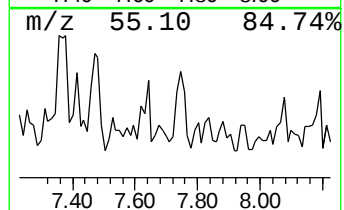
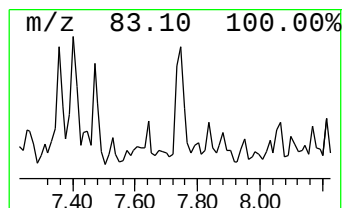
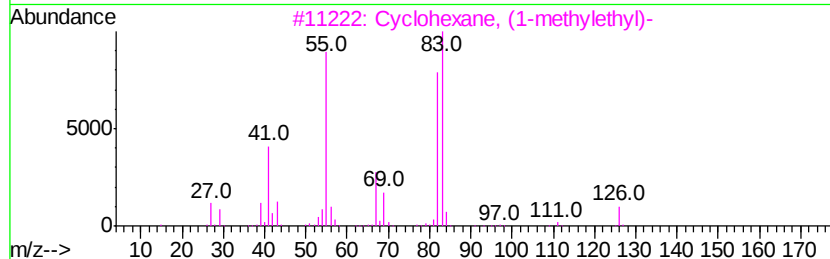
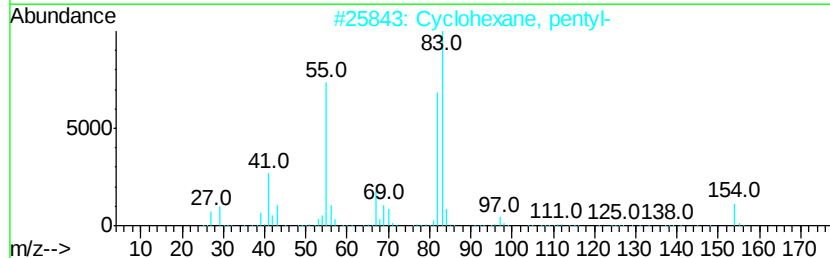
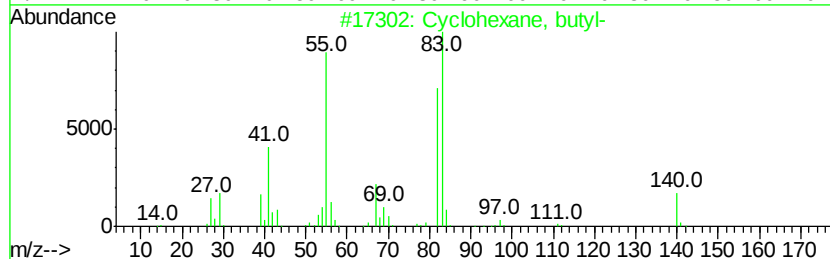
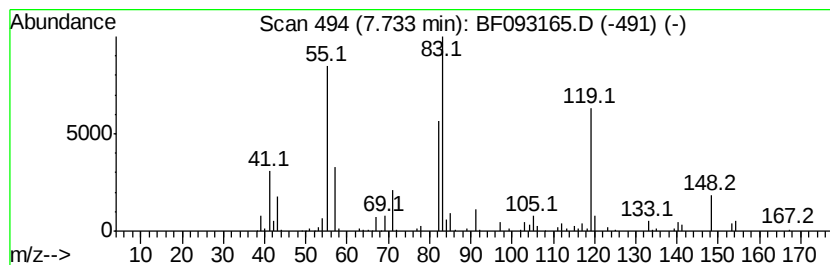
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	8.43 ng	977544	Napthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4			3,4-Dimethyl-2-hexene (c,t)	112	C8H16	002213-37-8	35
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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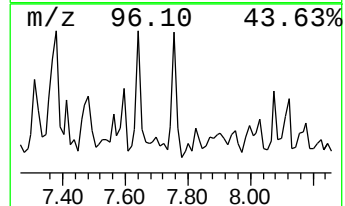
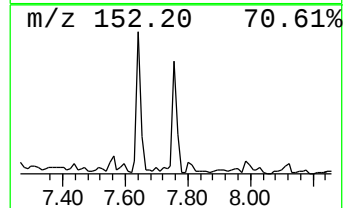
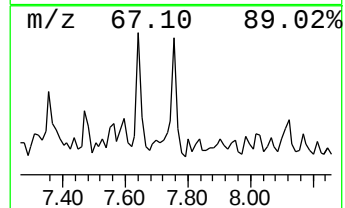
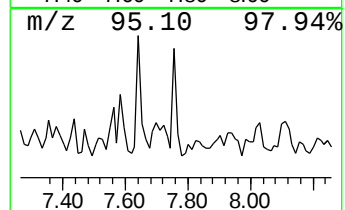
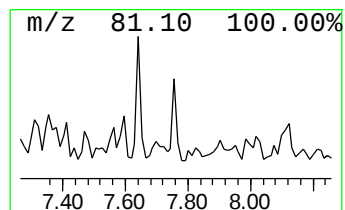
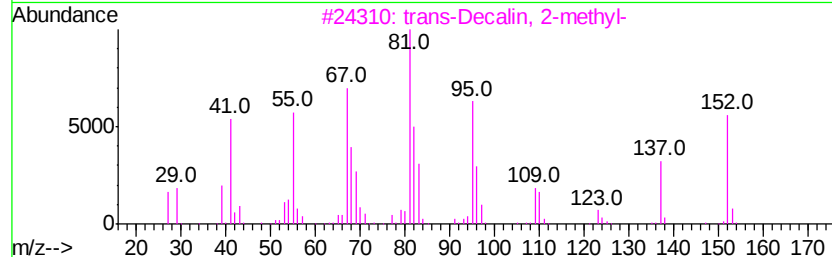
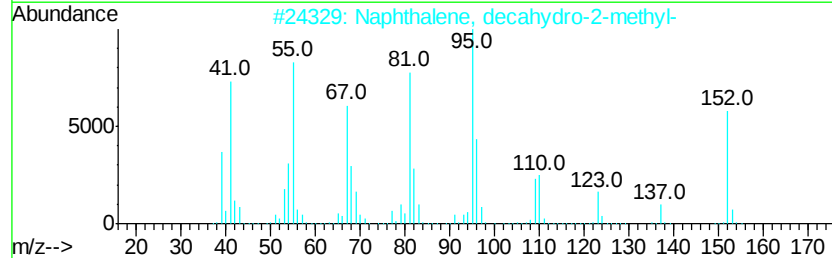
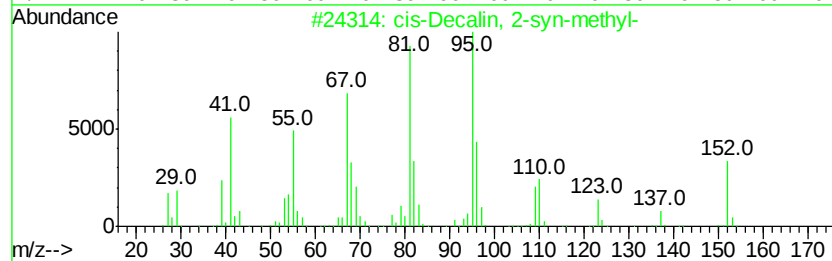
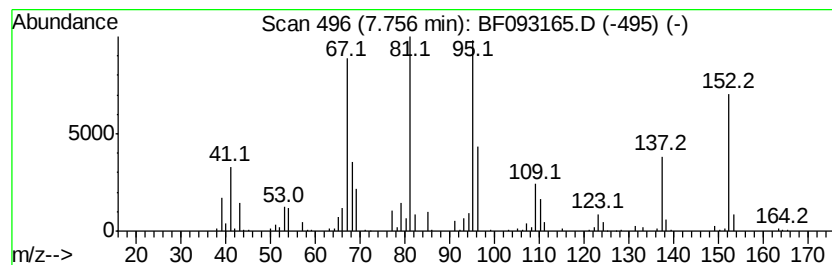
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 cis-Decalin, 2-syn-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.01 ng	1044560	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5		Cyclohexane, methylene-	96	C7H12	001192-37-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SRI-SB-5(16-18)20170222

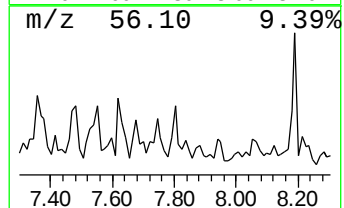
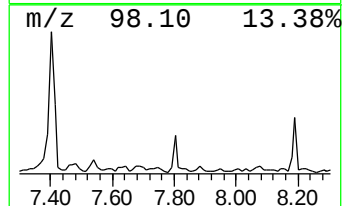
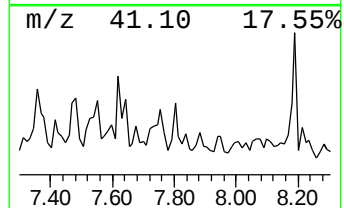
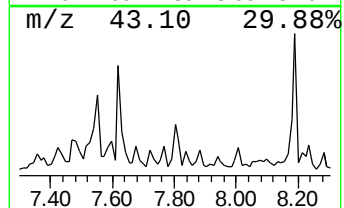
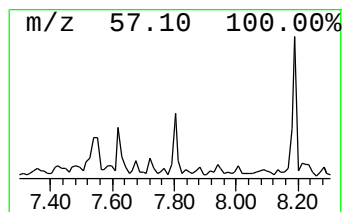
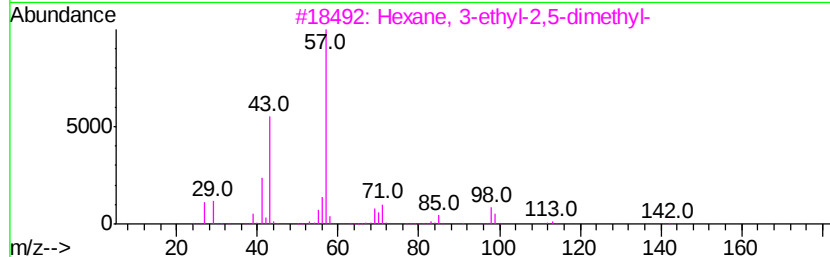
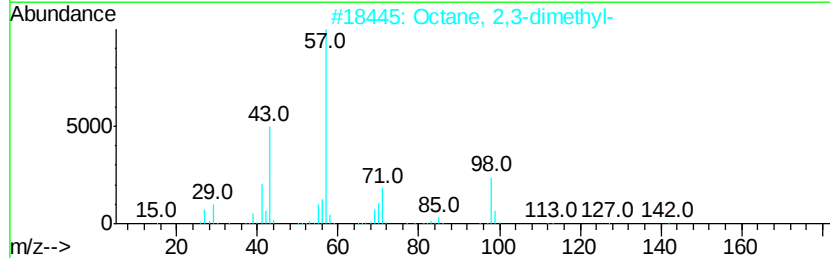
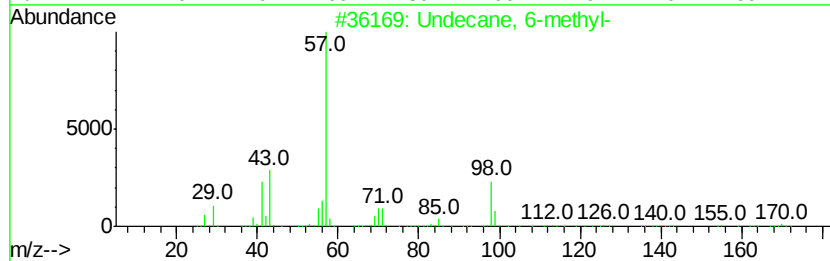
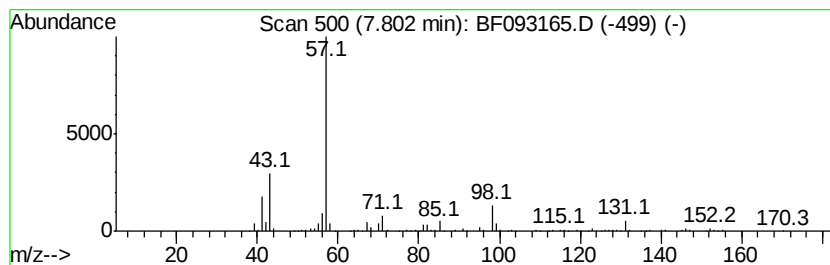
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	10.17 ng	1179470	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	42
4		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	42
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
Sample : I1957-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(16-18)20170222

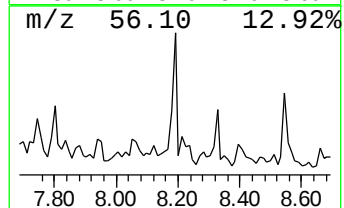
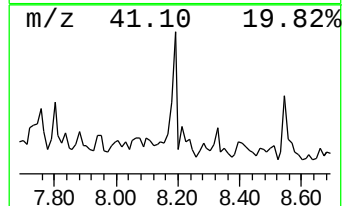
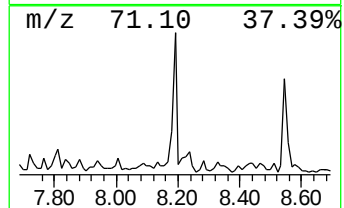
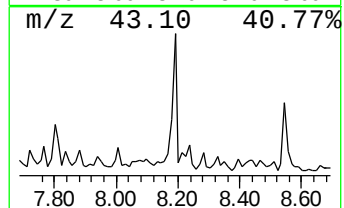
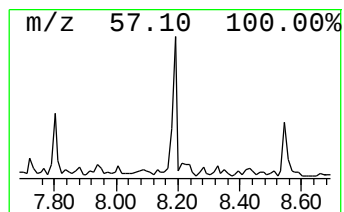
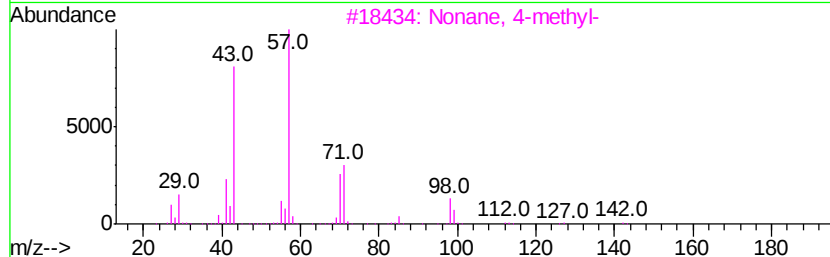
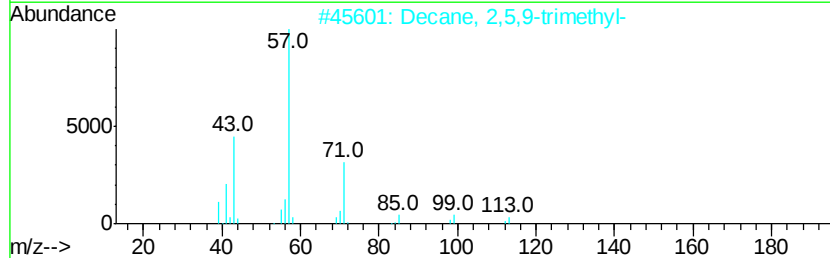
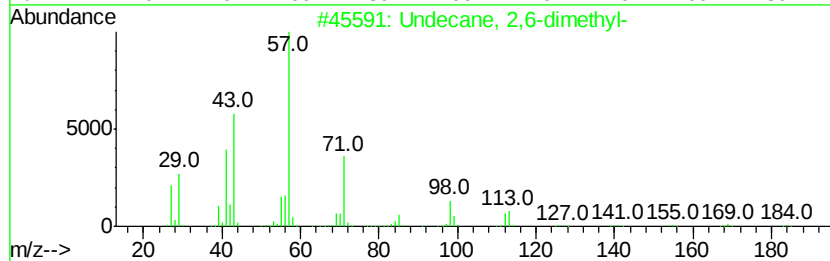
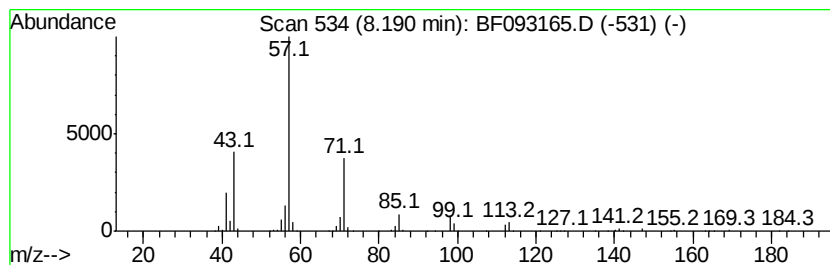
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	16.01 ng	1855880	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093165.D
Acq On : 25 Feb 2017 00:54
Operator : SJ/MA
Sample : I1957-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-5(16-18)20170222

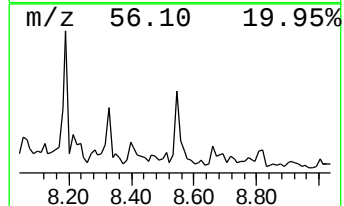
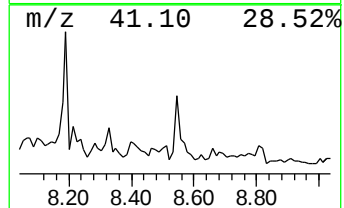
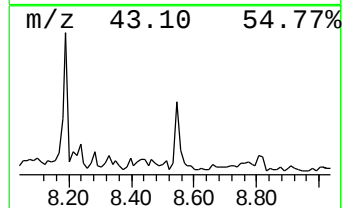
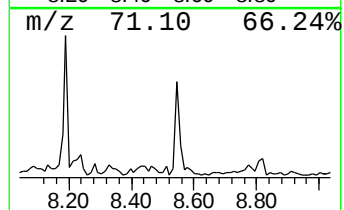
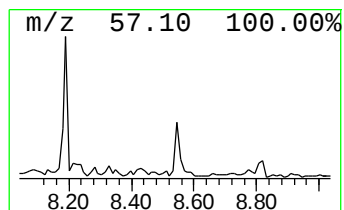
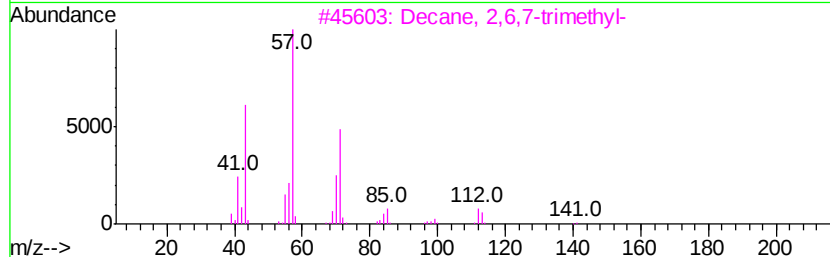
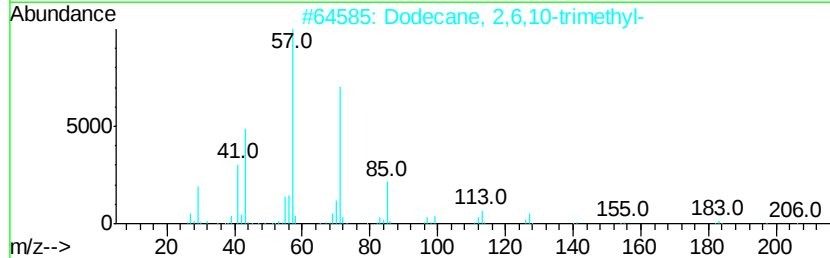
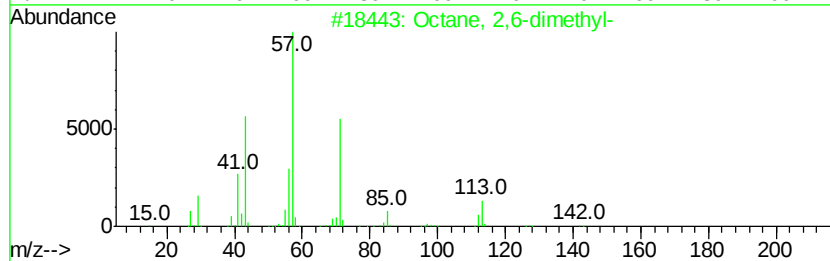
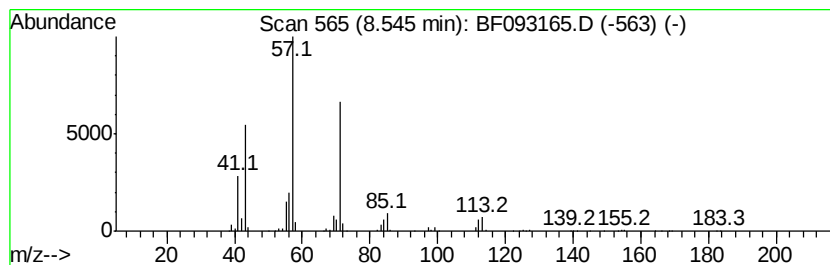
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	8.26 ng	957246	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
 Data File : BF093165.D
 Acq On : 25 Feb 2017 00:54
 Operator : SJ/MA
 Sample : I1957-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-5(16-18)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	5.00	20.5	ng	4322020	1	6.83	4221010	20.0
Cyclohexane, 1,2,...	5.20	7.9	ng	1659630	1	6.83	4221010	20.0
Cycloheptanemethanol	5.82	8.4	ng	1771910	1	6.83	4221010	20.0
unknown5.96	5.96	9.1	ng	1915730	1	6.83	4221010	20.0
Decane, 1,1'-oxybis-	6.06	19.0	ng	4012560	1	6.83	4221010	20.0
Heptane, 3-ethyl-...	6.12	11.8	ng	2491350	1	6.83	4221010	20.0
unknown6.16	6.16	7.9	ng	1670300	1	6.83	4221010	20.0
Decane, 2,5,6-tri...	6.26	8.5	ng	1799520	1	6.83	4221010	20.0
Cyclohexane, 1,1,...	6.35	9.9	ng	2093450	1	6.83	4221010	20.0
unknown6.60	6.60	26.4	ng	5563630	1	6.83	4221010	20.0
Decane, 3-methyl-	6.94	9.0	ng	1894620	1	6.83	4221010	20.0
unknown7.48	7.48	12.7	ng	1476910	2	8.12	2318990	20.0
Decane, 3,6-dimet...	7.55	14.8	ng	1717650	2	8.12	2318990	20.0
Tridecane, 3-methyl-	7.62	15.2	ng	1762990	2	8.12	2318990	20.0
unknown7.73	7.73	8.4	ng	977544	2	8.12	2318990	20.0
cis-Decalin, 2-sy...	7.76	9.0	ng	1044560	2	8.12	2318990	20.0
Undecane, 6-methyl-	7.80	10.2	ng	1179470	2	8.12	2318990	20.0
Undecane, 2,6-dim...	8.19	16.0	ng	1855880	2	8.12	2318990	20.0
Octane, 2,6-dimet...	8.54	8.3	ng	957246	2	8.12	2318990	20.0