

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081503.D
 Acq On : 6 Sep 2015 11:43
 Operator : UM/IZ
 Sample : G3519-01
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-7-8

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-BF090115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.227	52	56	59	rBV	27305	63574	1.98%	0.071%
2	2.341	62	66	70	rVB	28127	70399	2.20%	0.079%
3	4.398	243	246	250	rBV	557518	1076348	33.59%	1.208%
4	4.456	250	251	255	rVB	50105	56896	1.78%	0.064%
5	4.684	269	271	274	rBV	147968	172682	5.39%	0.194%
6	4.901	288	290	293	rBV	1481713	1773116	55.34%	1.990%
7	5.107	305	308	316	rBV	412956	595614	18.59%	0.668%
8	5.644	353	355	363	rVB3	19841	50704	1.58%	0.057%
9	5.861	369	374	376	rBV	123523	194963	6.08%	0.219%
10	5.896	376	377	380	rVB	177813	159988	4.99%	0.180%
11	6.033	386	389	391	rBV	1793347	2107151	65.76%	2.365%
12	6.124	395	397	400	rVB	1769255	1689625	52.73%	1.896%
13	6.193	401	403	406	rBV	684777	935225	29.19%	1.050%
14	6.239	406	407	410	rVV	388148	342928	10.70%	0.385%
15	6.296	410	412	414	rVV	424047	395916	12.36%	0.444%
16	6.376	415	419	422	rBV2	1877808	2544128	79.40%	2.855%
17	6.513	429	431	436	rVB	1512357	1552836	48.46%	1.743%
18	6.627	439	441	444	rBV	201216	354459	11.06%	0.398%
19	6.696	446	447	449	rBV	180270	172196	5.37%	0.193%
20	6.753	449	452	453	rVB2	55042	81034	2.53%	0.091%
21	6.787	453	455	457	rVB	71017	98214	3.07%	0.110%
22	6.867	457	462	465	rBV2	124864	335948	10.48%	0.377%
23	6.936	465	468	472	rVB2	1057154	1329783	41.50%	1.492%
24	6.993	472	473	475	rBV2	296645	430178	13.43%	0.483%
25	7.039	475	477	480	rVB3	171502	239990	7.49%	0.269%
26	7.107	480	483	485	rBV	71597	87776	2.74%	0.099%
27	7.142	485	486	488	rBV2	49422	72940	2.28%	0.082%
28	7.176	488	489	491	rVB2	244349	244053	7.62%	0.274%
29	7.233	491	494	497	rBV2	767289	907683	28.33%	1.019%
30	7.290	497	499	501	rVB	252638	356987	11.14%	0.401%
31	7.324	501	502	504	rVB2	83521	87002	2.72%	0.098%
32	7.370	504	506	507	rBV	179991	249338	7.78%	0.280%
33	7.404	507	509	511	rBV2	220510	332372	10.37%	0.373%
34	7.439	511	512	514	rBV2	141949	168775	5.27%	0.189%

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35	7.485	514	516	518	rVB2	144927	230422	7.19%	0.259%
36	7.565	519	523	524	rBV3	82570	192261	6.00%	0.216%
37	7.599	524	526	527	rBV2	148238	208511	6.51%	0.234%
38	7.645	528	530	533	rVB2	503598	782176	24.41%	0.878%
39	7.690	533	534	537	rBV3	94351	109824	3.43%	0.123%
40	7.747	537	539	542	rBV	791622	771526	24.08%	0.866%
41	7.885	546	551	552	rBV	607240	827301	25.82%	0.929%
42	7.942	553	556	559	rBV2	548577	983033	30.68%	1.103%
43	7.999	559	561	562	rVB	197770	227895	7.11%	0.256%
44	8.033	562	564	565	rBV2	180924	274385	8.56%	0.308%
45	8.113	568	571	573	rBV	1622723	1850201	57.74%	2.077%
46	8.159	573	575	576	rVB2	158860	206487	6.44%	0.232%
47	8.205	576	579	581	rBV4	193679	317460	9.91%	0.356%
48	8.273	581	585	587	rBV4	239281	679910	21.22%	0.763%
49	8.376	587	594	595	rVB3	474440	1252010	39.07%	1.405%
50	8.445	595	600	602	rBV4	313698	728074	22.72%	0.817%
51	8.479	602	603	607	rVB4	320674	341831	10.67%	0.384%
52	8.582	607	612	613	rBV4	677982	1490085	46.50%	1.672%
53	8.605	613	614	616	rVB2	194066	265837	8.30%	0.298%
54	8.639	616	617	620	rBV2	338688	492153	15.36%	0.552%
55	8.707	620	623	624	rBV	1701771	2311185	72.13%	2.594%
56	8.742	624	626	628	rVB	1152061	1555768	48.55%	1.746%
57	8.799	629	631	634	rBV2	447129	1135620	35.44%	1.275%
58	8.856	634	636	637	rBV	765652	809919	25.28%	0.909%
59	8.959	643	645	646	rVB	180801	200580	6.26%	0.225%
60	8.993	646	648	649	rBV2	254300	392277	12.24%	0.440%
61	9.039	650	652	653	rVV2	284732	302694	9.45%	0.340%
62	9.108	656	658	660	rVV2	1033120	1400801	43.72%	1.572%
63	9.176	660	664	665	rVB3	1956119	3204177	100.00%	3.596%
64	9.268	669	672	673	rBV2	964888	1210680	37.78%	1.359%
65	9.313	673	676	678	rBV	1337210	1459810	45.56%	1.638%
66	9.348	678	679	680	rBV	374476	328715	10.26%	0.369%
67	9.405	680	684	685	rBV2	829041	1820734	56.82%	2.043%
68	9.610	700	702	703	rBV2	458903	668292	20.86%	0.750%
69	9.645	703	705	707	rVB2	522320	754744	23.56%	0.847%
70	9.702	707	710	711	rBV2	809865	1294706	40.41%	1.453%
71	9.736	711	713	716	rBV3	670092	1304097	40.70%	1.464%

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72	9.816	718	720	722	rBV	1602434	1900396	59.31%	2.133%
73	9.862	722	724	725	rBV2	516065	709522	22.14%	0.796%
74	9.919	727	729	730	rVV2	454054	505874	15.79%	0.568%
75	10.102	743	745	747	rBV	1186177	1331391	41.55%	1.494%
76	10.205	751	754	756	rBV2	906349	1605438	50.10%	1.802%
77	10.331	764	765	766	rBV	591436	456899	14.26%	0.513%
78	10.376	766	769	770	rBV	1444306	1637819	51.12%	1.838%
79	12.102	916	920	923	rVB	823455	1784811	55.70%	2.003%
80	12.251	931	933	936	rVB4	703406	836499	26.11%	0.939%
81	12.479	951	953	956	rVB3	1064130	1686181	52.62%	1.892%
82	12.571	959	961	962	rBV	640535	793534	24.77%	0.891%
83	12.662	967	969	971	rVB2	1446684	1666639	52.01%	1.871%
84	12.856	983	986	992	rVB3	1757916	2990354	93.33%	3.356%
85	12.948	992	994	996	rVV2	817316	1063281	33.18%	1.193%
86	13.051	1000	1003	1006	rVV3	1095757	2320855	72.43%	2.605%
87	13.165	1010	1013	1014	rVB2	889992	1371863	42.81%	1.540%
88	13.199	1014	1016	1019	rBV3	643249	731625	22.83%	0.821%
89	13.337	1026	1028	1029	rVB	736684	689332	21.51%	0.774%
90	13.371	1029	1031	1033	rBV2	705524	905601	28.26%	1.016%
91	13.497	1040	1042	1043	rBV2	888133	1326551	41.40%	1.489%
92	13.554	1045	1047	1049	rVB2	1473848	1723303	53.78%	1.934%
93	13.759	1063	1065	1066	rBV	664717	796908	24.87%	0.894%
94	13.794	1066	1068	1071	rVB4	458241	578391	18.05%	0.649%
95	14.491	1126	1129	1132	rVB	625884	1251193	39.05%	1.404%
96	14.720	1146	1149	1151	rVB	520314	767417	23.95%	0.861%
97	14.765	1151	1153	1156	rBV2	855223	1291411	40.30%	1.449%
98	15.325	1200	1202	1210	rVB2	716216	1842514	57.50%	2.068%
99	15.645	1227	1230	1239	rVB2	936001	2107485	65.77%	2.365%
100	16.114	1269	1271	1278	rVB2	340369	710358	22.17%	0.797%

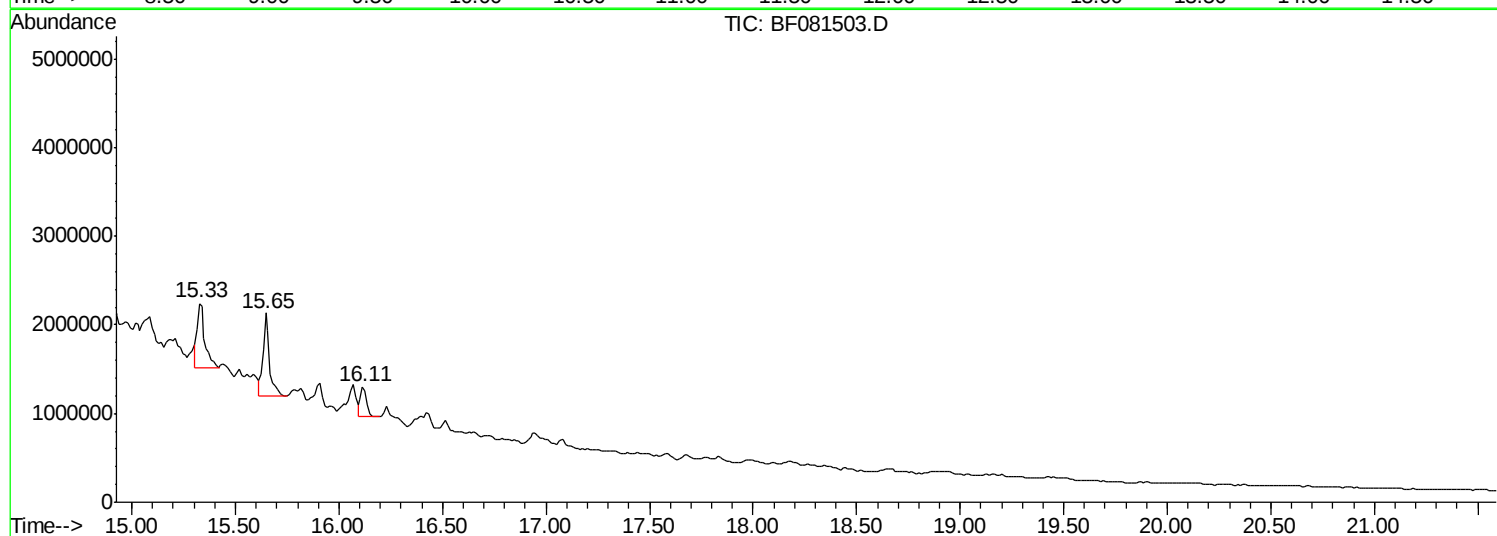
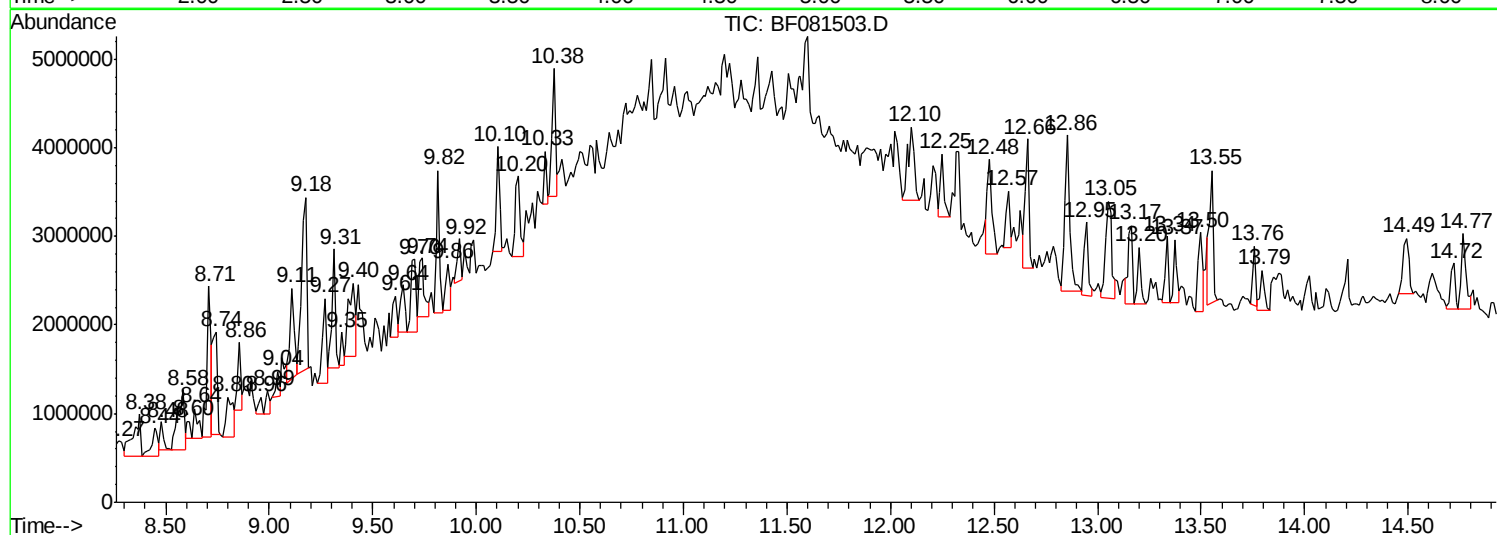
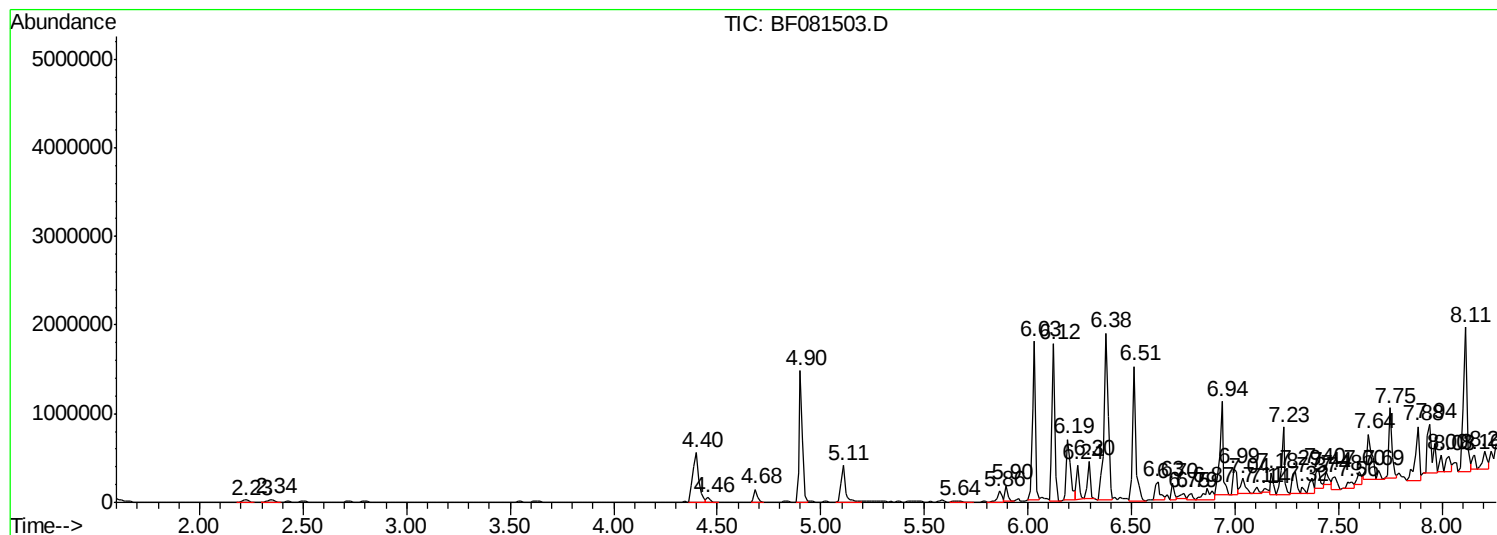
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Quant Title :

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



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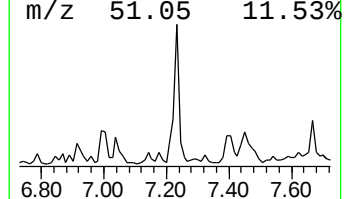
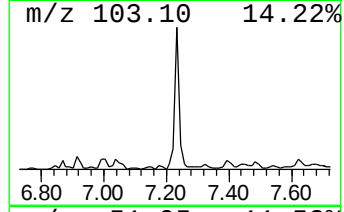
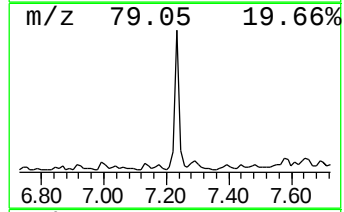
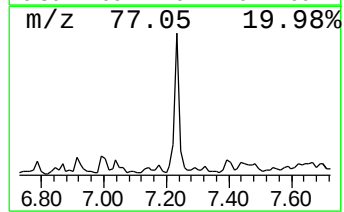
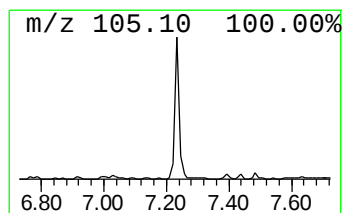
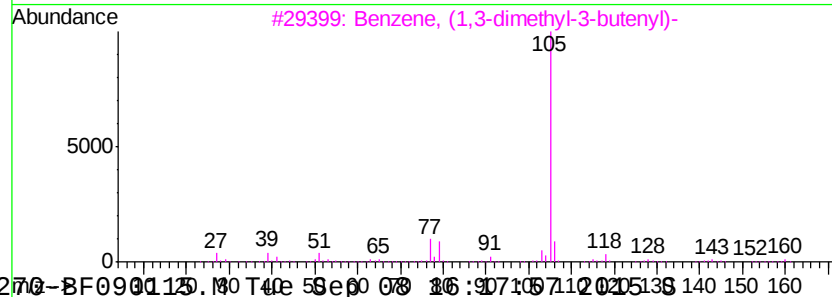
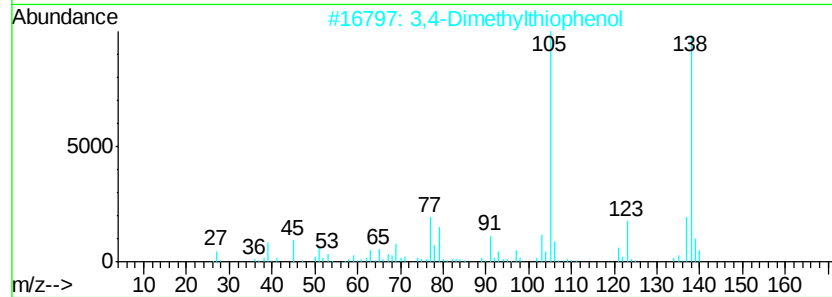
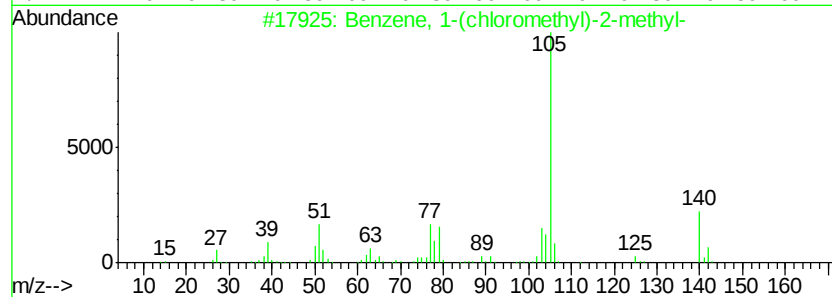
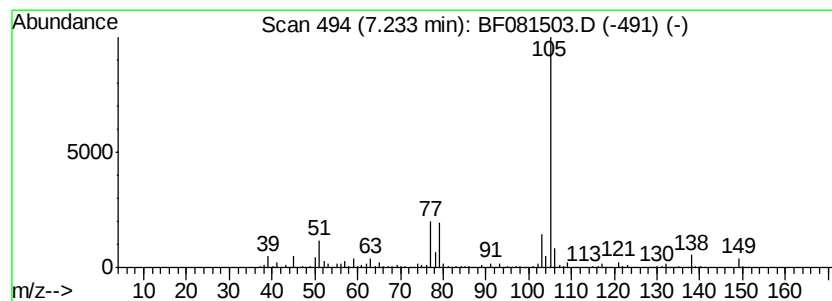
Quant Title :

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

Peak Number 1 Benzene, 1-(chloromethyl)-2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	23.21 ng	907683	Napthalene-d8	7.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(chloromethyl)-2-methyl-	140	C8H9Cl	000552-45-4	64
2		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	64
3		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64
4		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	64
5		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	59



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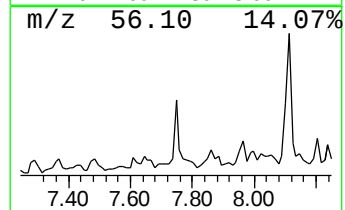
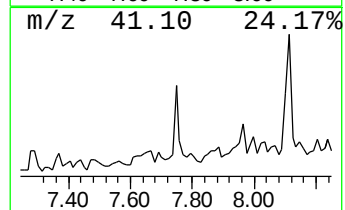
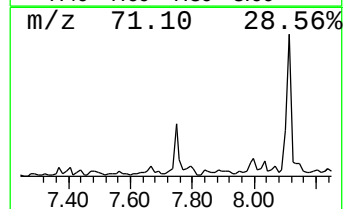
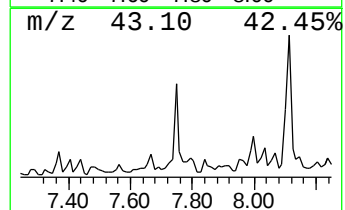
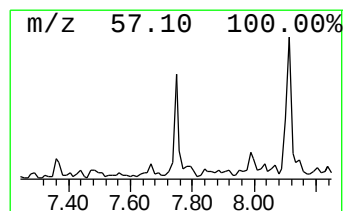
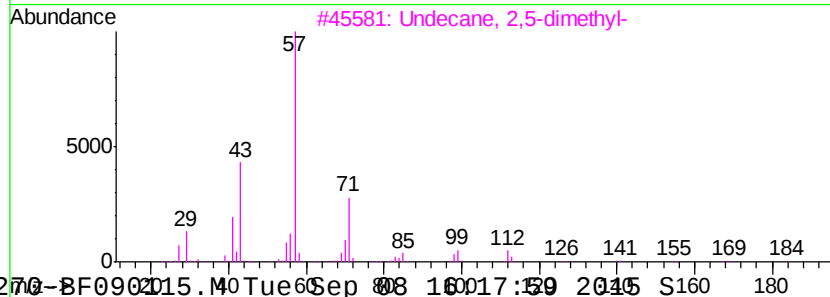
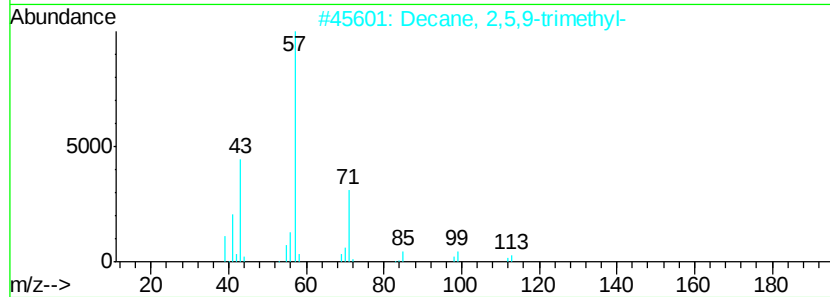
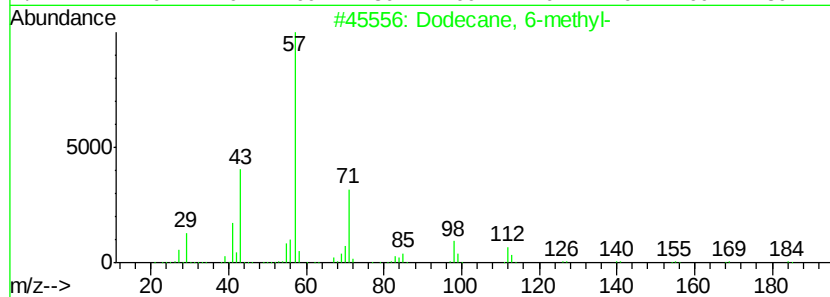
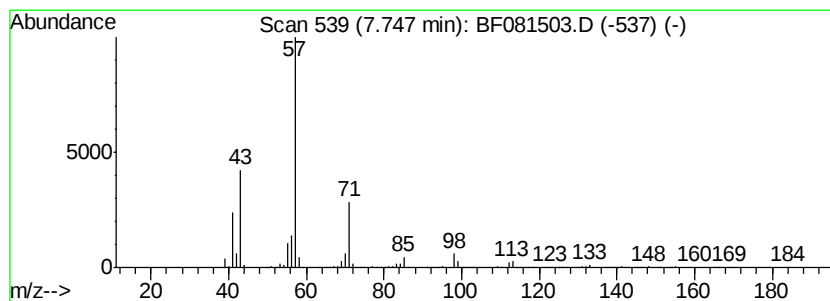
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.75	19.73 ng	771526	Napthalene-d8	7.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78	
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72	
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64	
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64	



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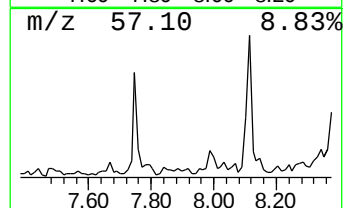
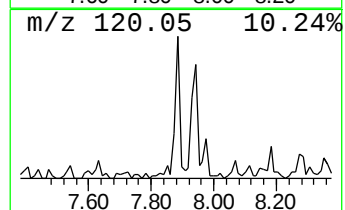
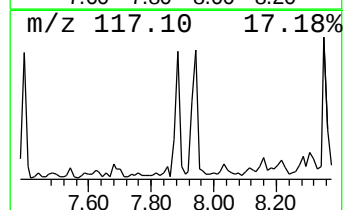
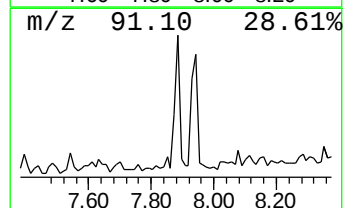
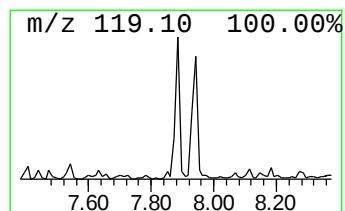
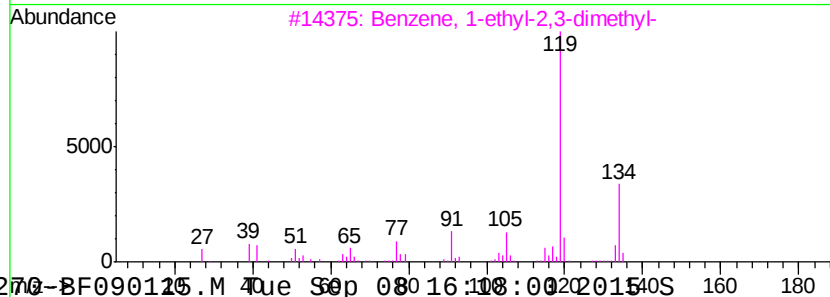
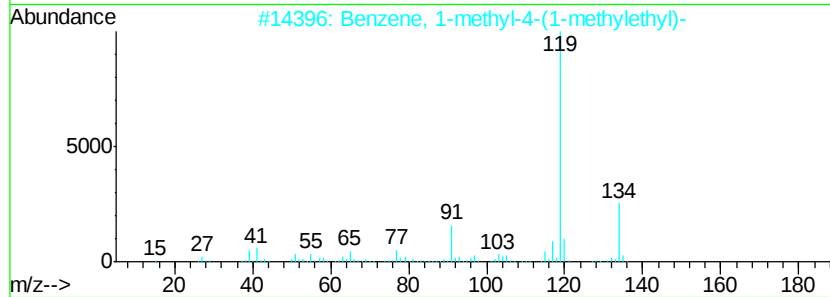
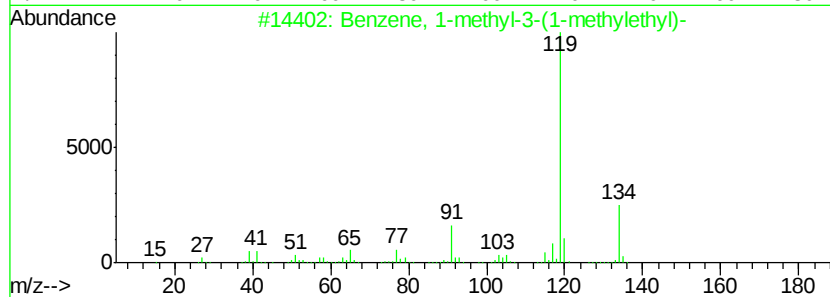
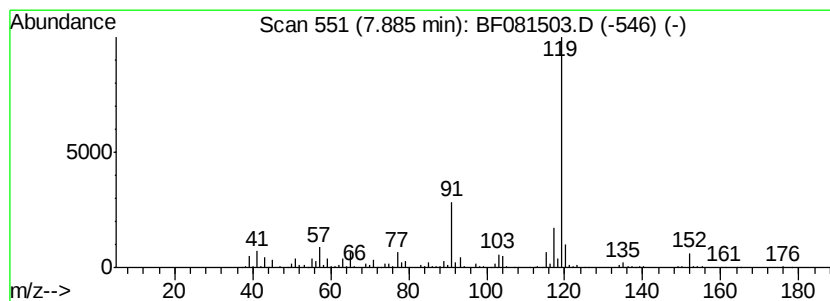
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	21.15 ng	827301	Napthalene-d8	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	72
5			1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

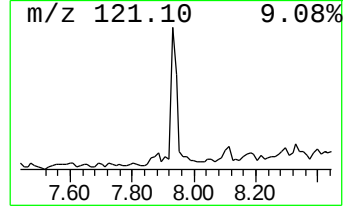
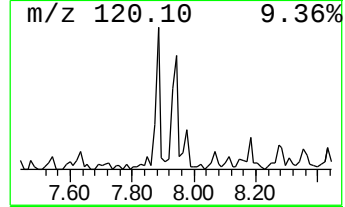
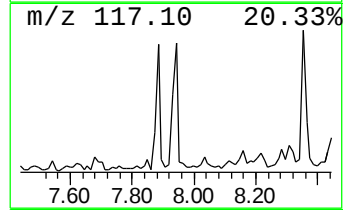
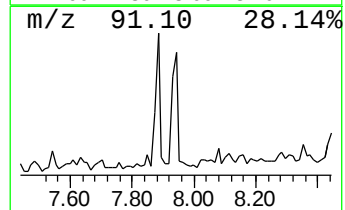
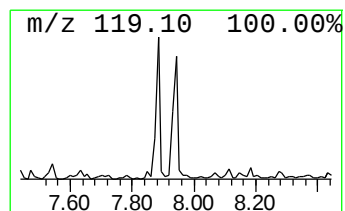
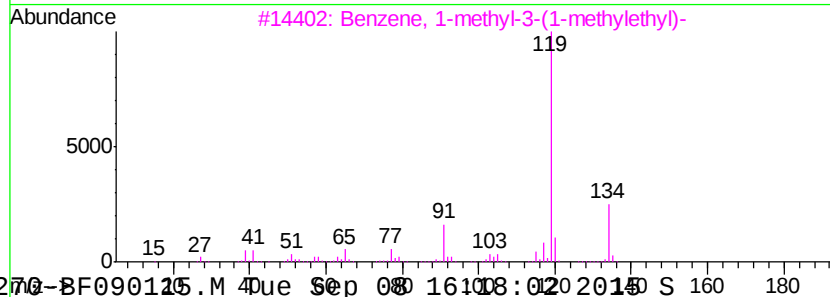
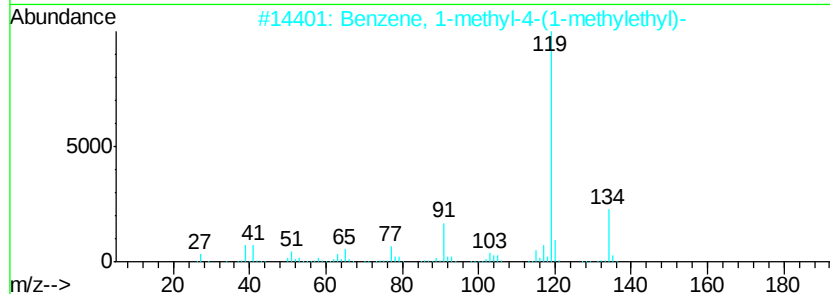
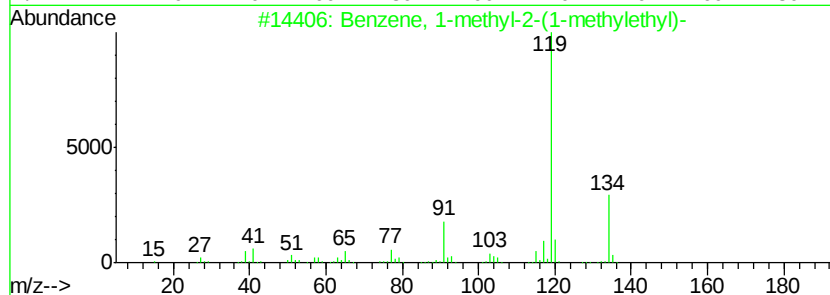
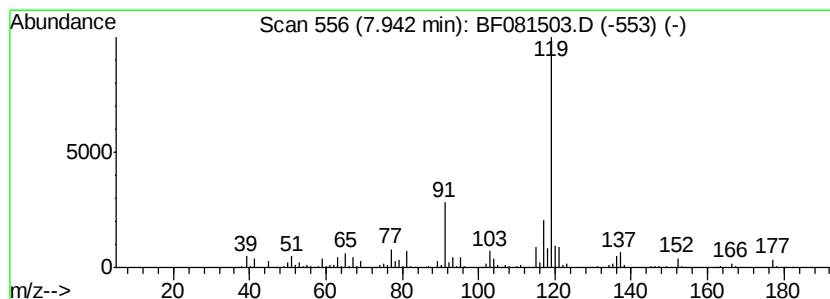
Quant Title :

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

Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	25.14 ng	983033	Naphthalene-d8	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	58
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5			Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

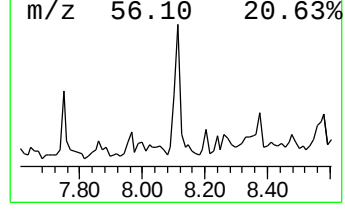
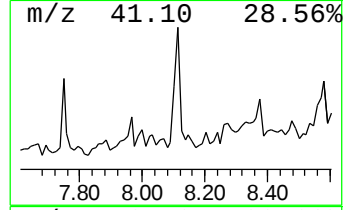
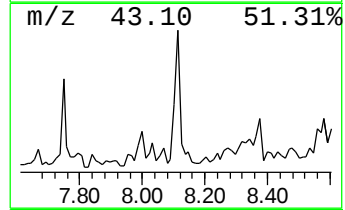
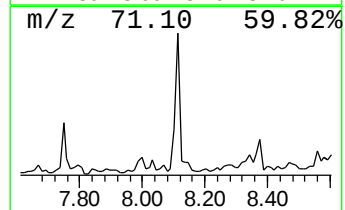
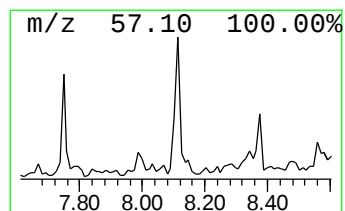
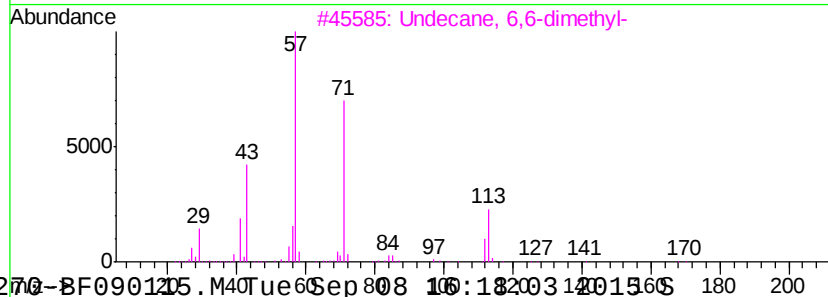
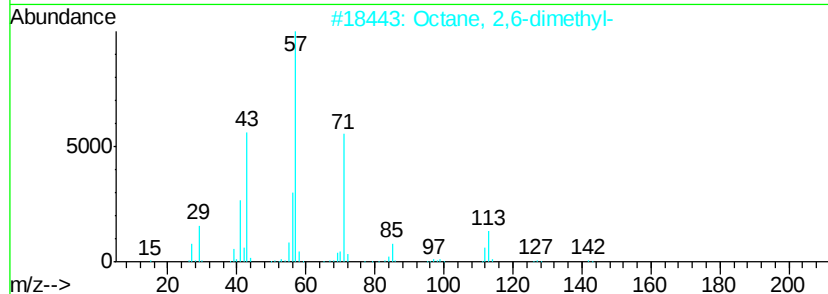
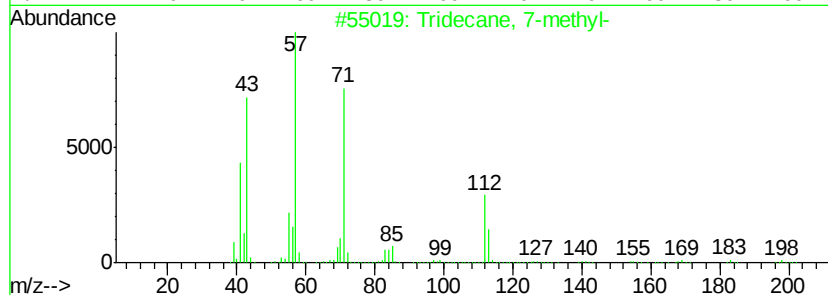
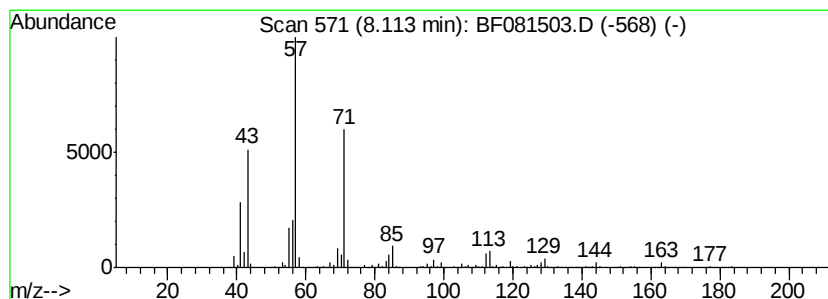
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	47.31 ng	1850200	Napthalene-d8	7.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

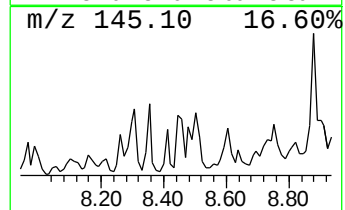
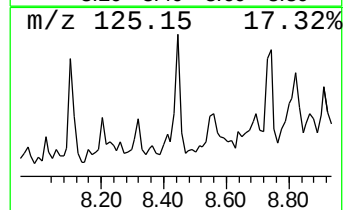
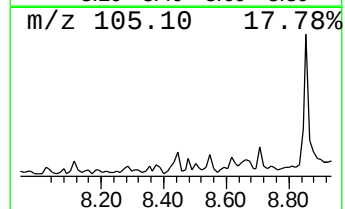
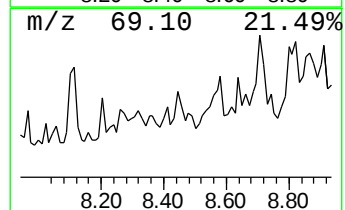
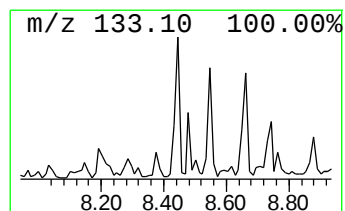
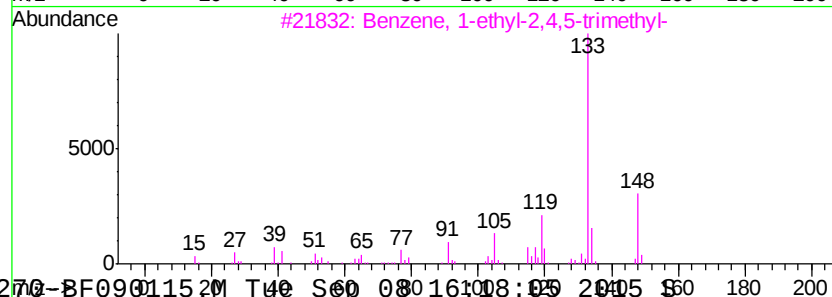
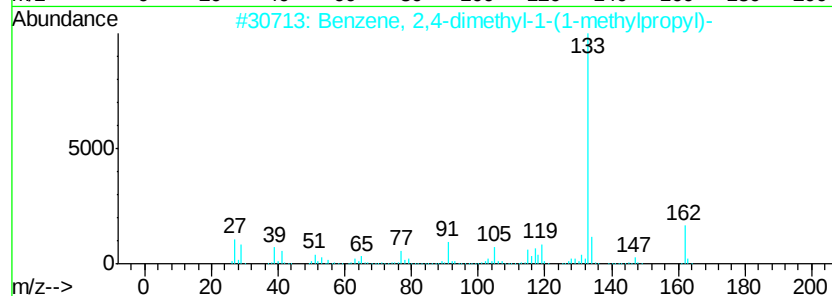
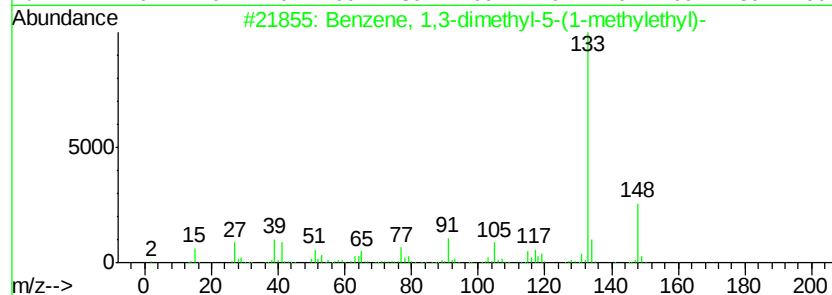
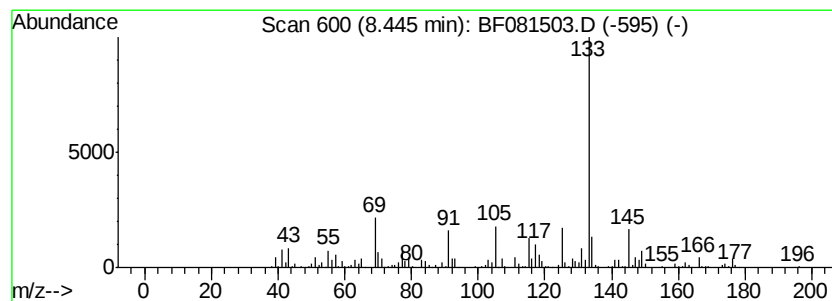
Quant Title :

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

Peak Number 7 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	18.62 ng	728074	Napthalene-d8	7.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70	
2	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	59	
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	59	
4	4H-1,2,4-Triazol-4-amine, 3-(2,4...	392	C18H18Cl2N4S	1000271-70-9	59	
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	58	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

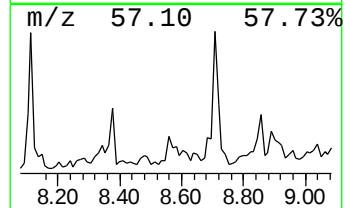
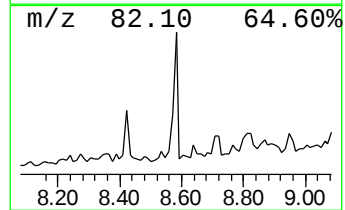
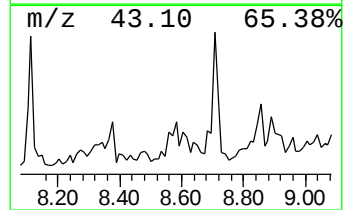
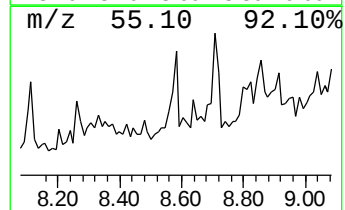
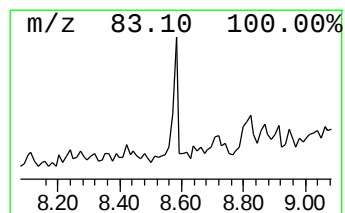
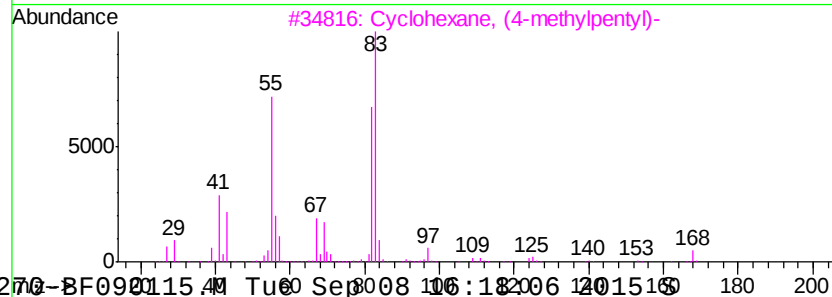
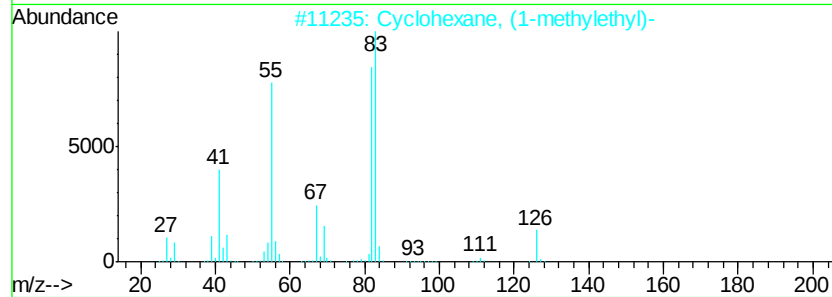
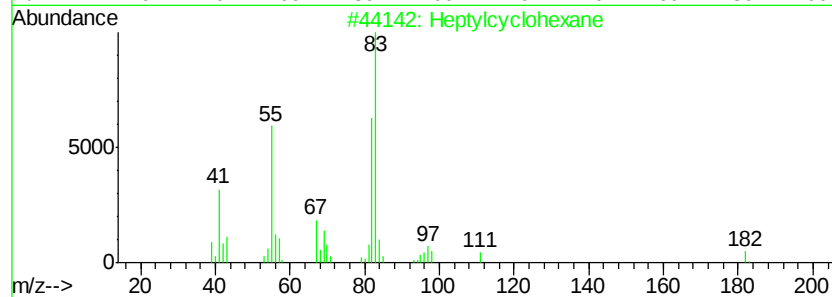
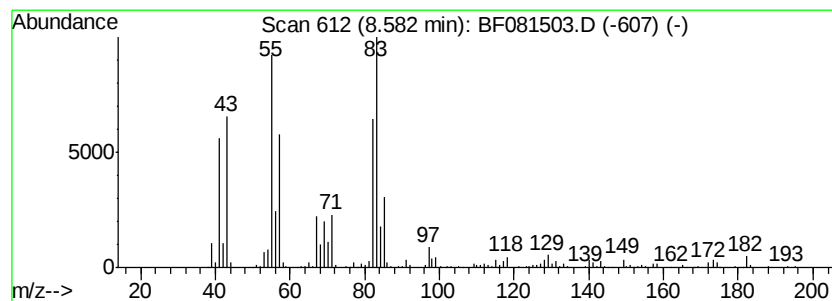
Instrument :
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ClientSampleId :
MGP208BR-7-8

Quant Title :

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

Peak Number 8 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.58	16.37 ng	1490090	Acenaphthene-d10		9.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	72
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
4		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
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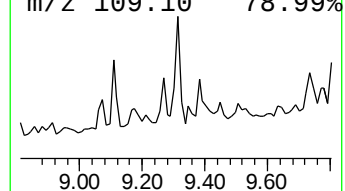
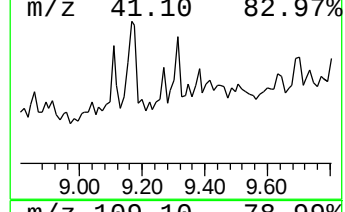
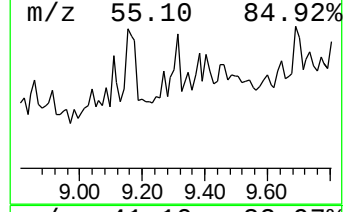
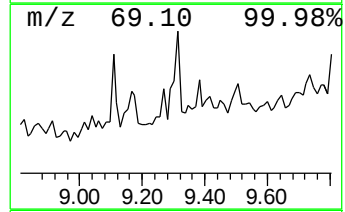
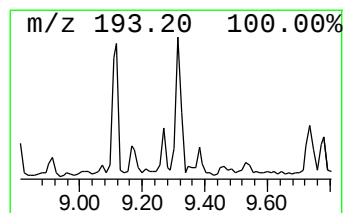
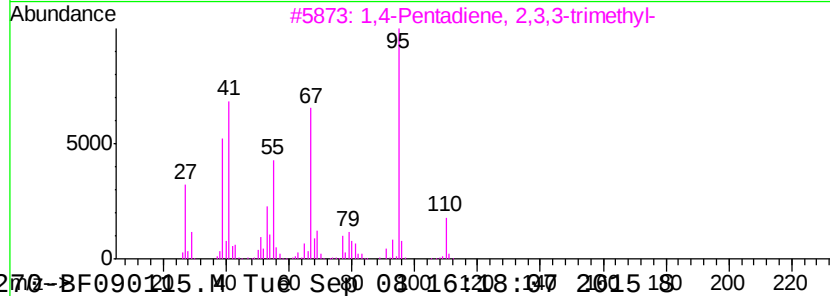
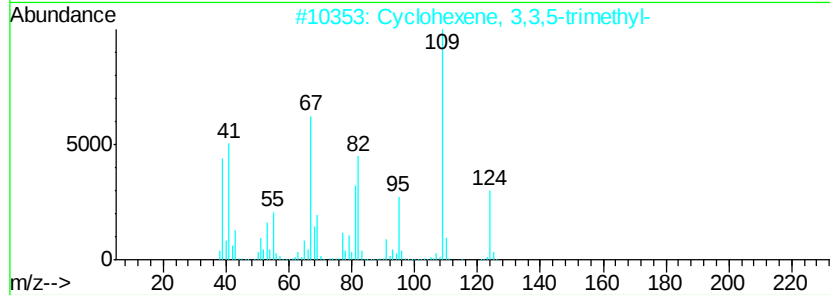
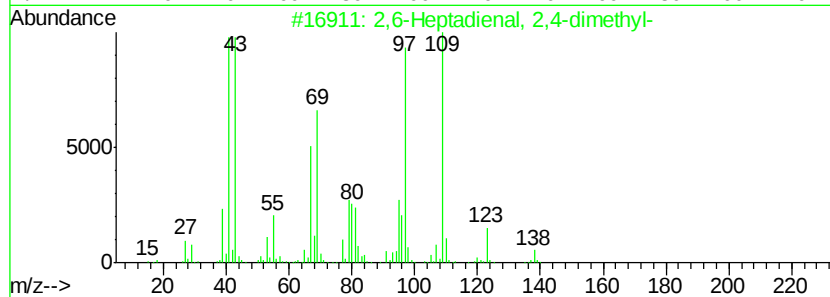
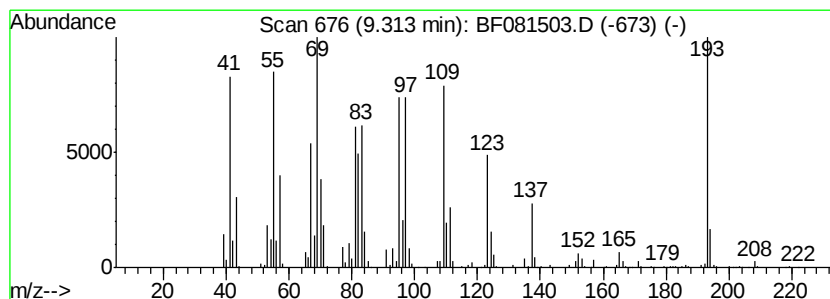
Instrument :
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ClientSampleId :
MGP208BR-7-8

Quant Title :

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

Peak Number 9 unknown9.31 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.31	16.04 ng	1459810	Acenaphthene-d10	9.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	27
2	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
4	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	15
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
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ClientSampleId :
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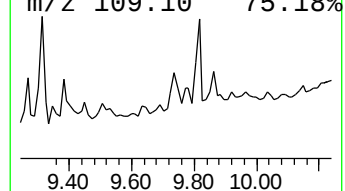
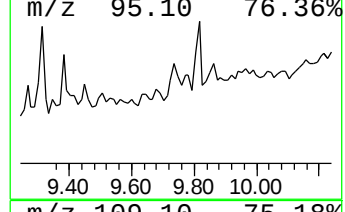
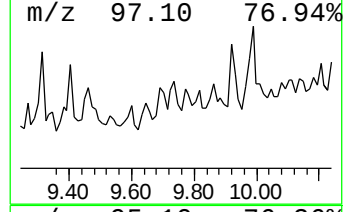
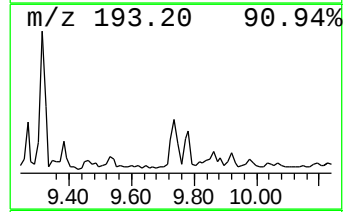
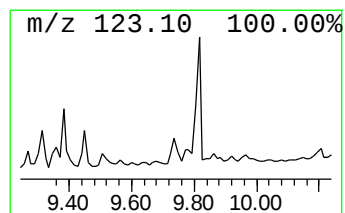
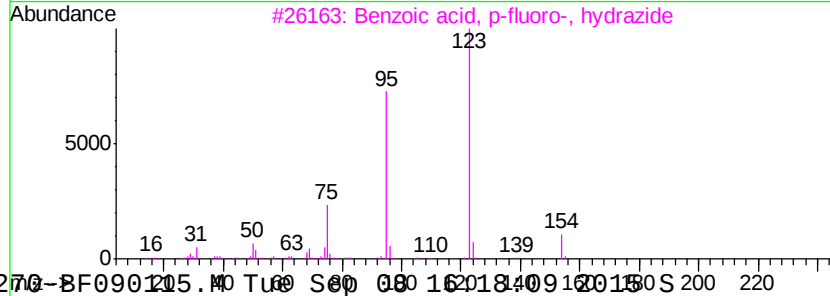
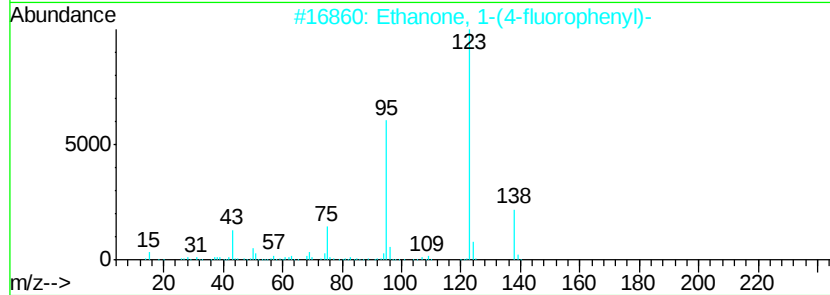
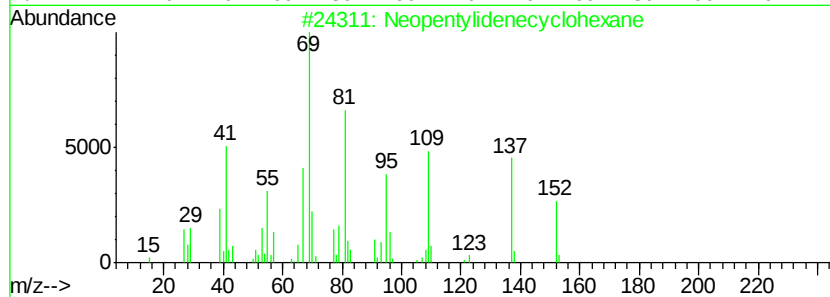
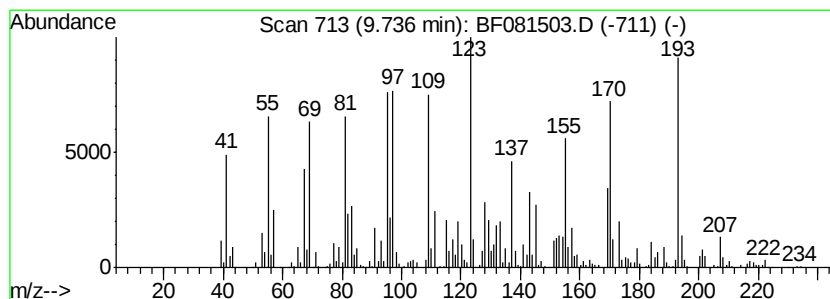
Quant Title :

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

Peak Number 10 unknown9.74 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	14.33 ng	1304100	Acenaphthene-d10	9.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Neopentylidenecyclohexane	152	C11H20	039546-80-0	20
2		Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	18
3		Benzoic acid, p-fluoro-, hydrazide	154	C7H7FN2O	000456-06-4	18
4		Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	15
5		Benzoyl chloride, 4-fluoro-	158	C7H4ClFO	000403-43-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
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ClientSampleId :
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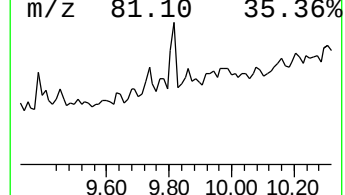
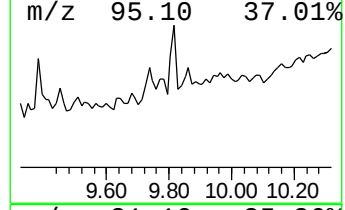
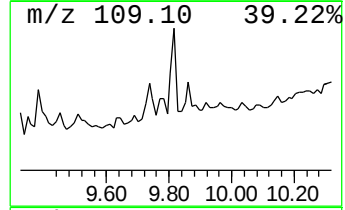
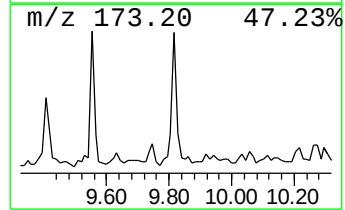
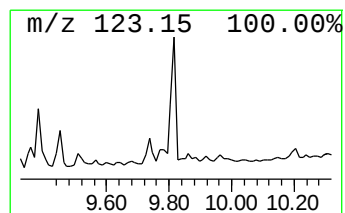
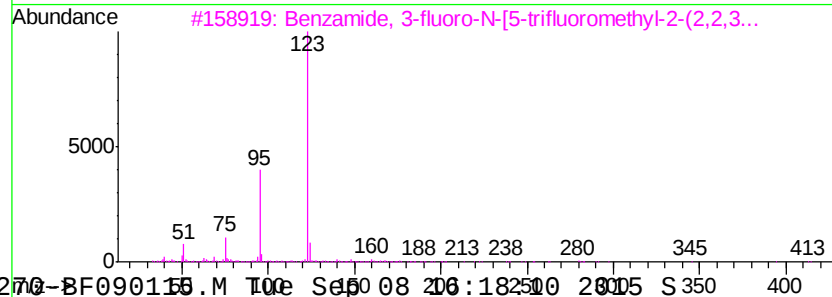
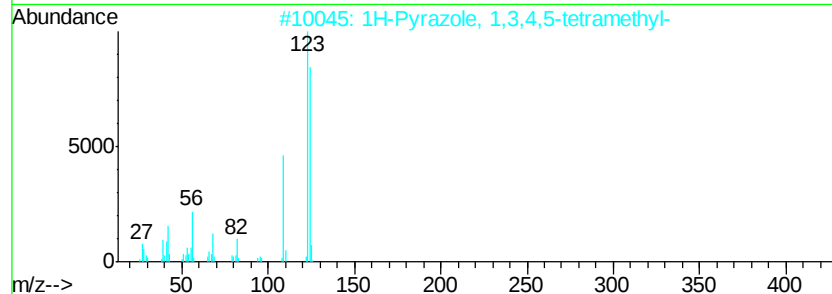
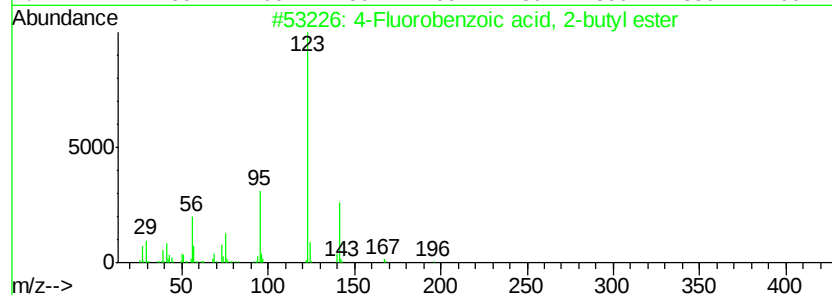
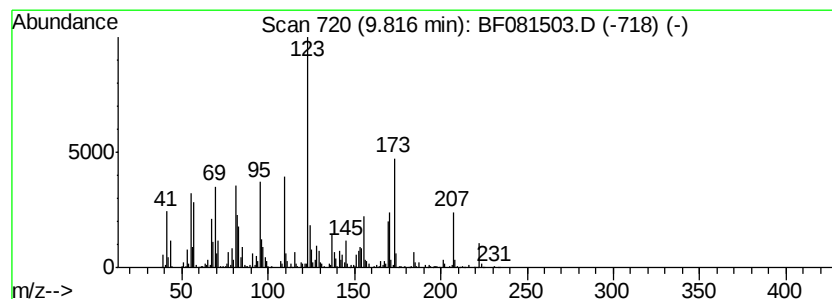
Quant Title :

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

Peak Number 11 unknown9.82 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	20.88 ng	1900400	Acenaphthene-d10	9.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Fluorobenzoic acid, 2-butyl ester	196	C11H13F02	090172-12-6	25
2			1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	25
3			Benzamide, 3-fluoro-N-[5-trifluo...	413	C17H11F8N02	339240-74-3	22
4			Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	22
5			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

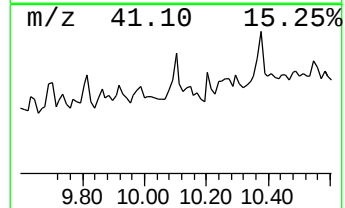
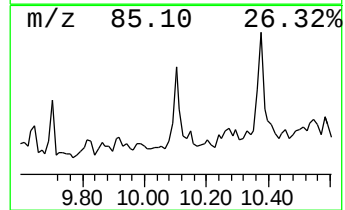
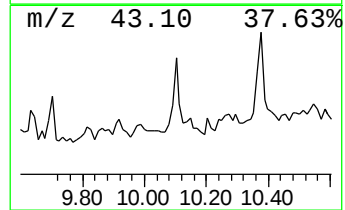
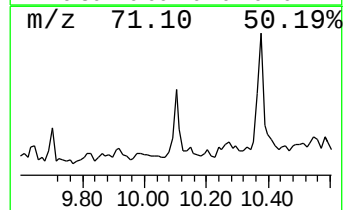
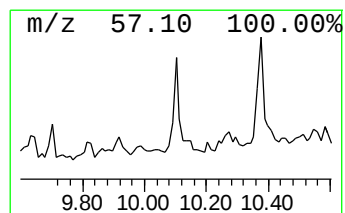
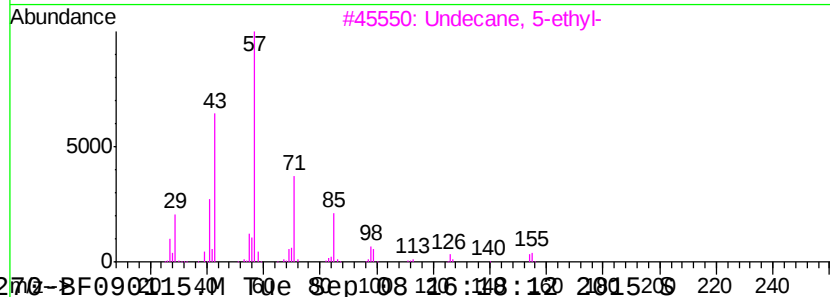
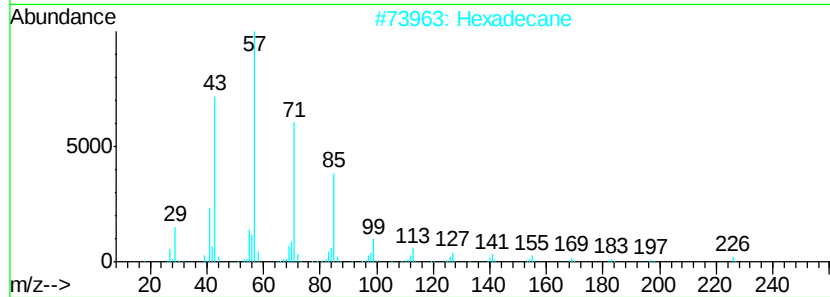
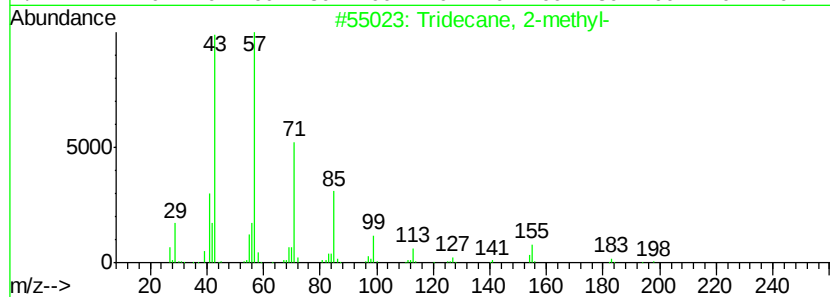
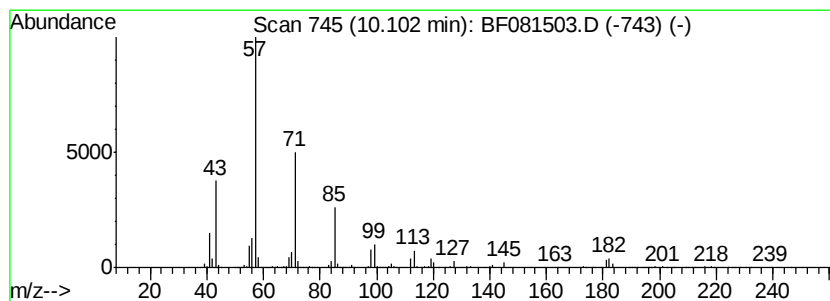
Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

Quant Title :

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

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.10	14.62 ng	1331390	Acenaphthene-d10	9.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Hexadecane	226	C16H34	000544-76-3	78
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
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Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

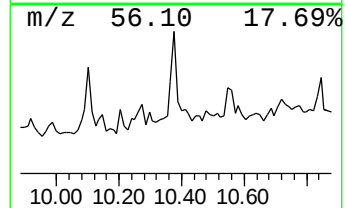
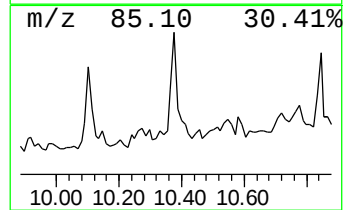
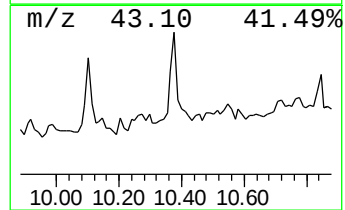
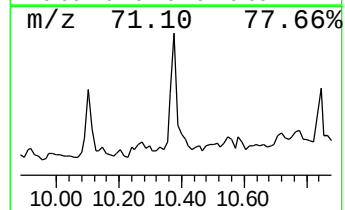
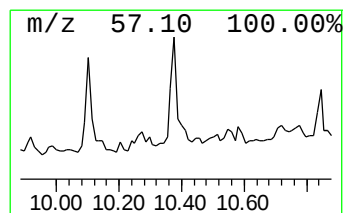
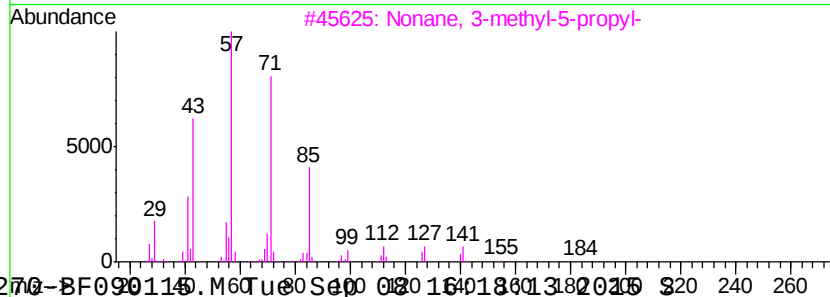
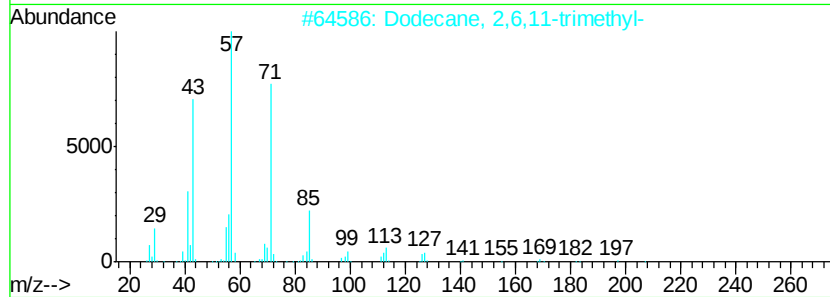
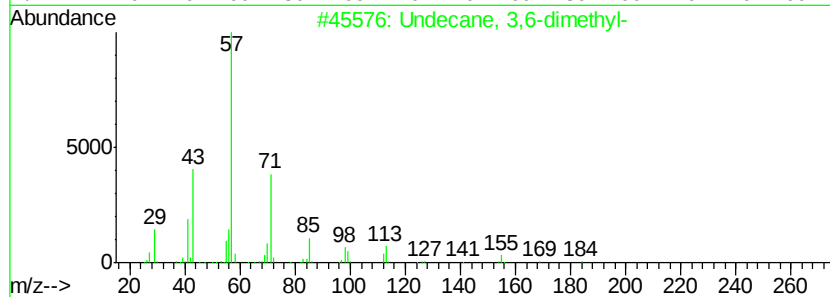
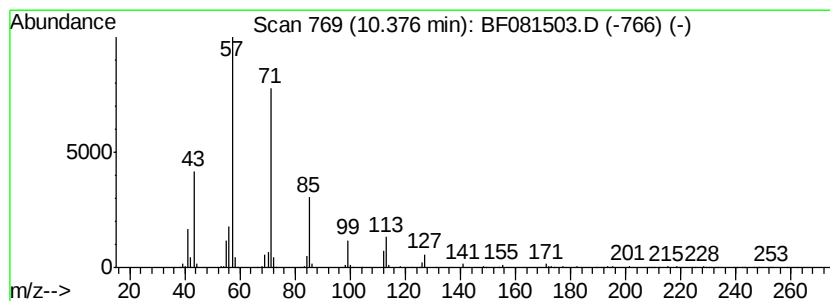
Instrument :
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ClientSampleId :
MGP208BR-7-8

Quant Title :

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

Peak Number 13 Undecane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	20.00 ng	1637820	Phenanthrene-d10	10.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

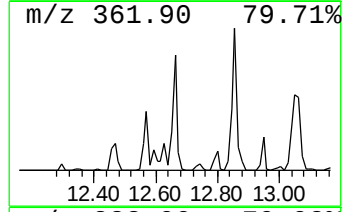
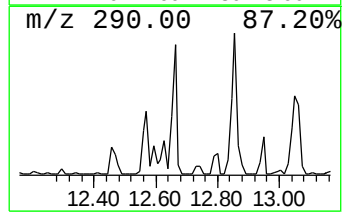
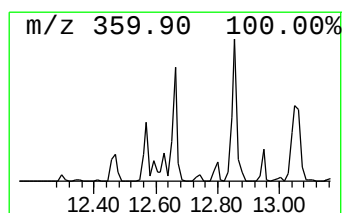
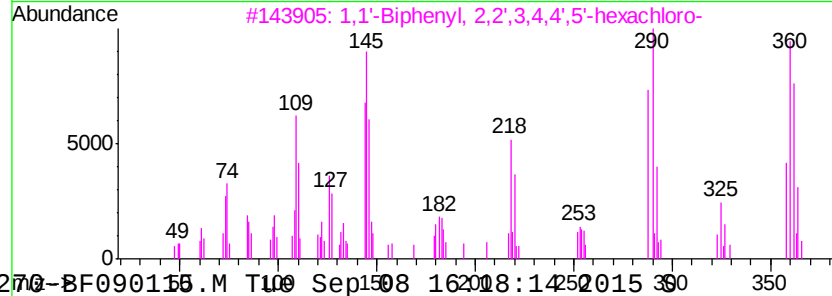
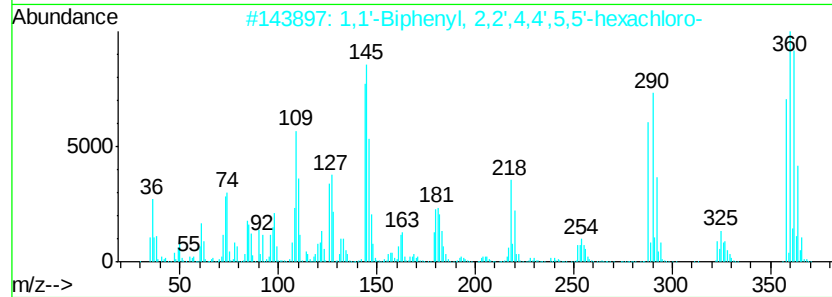
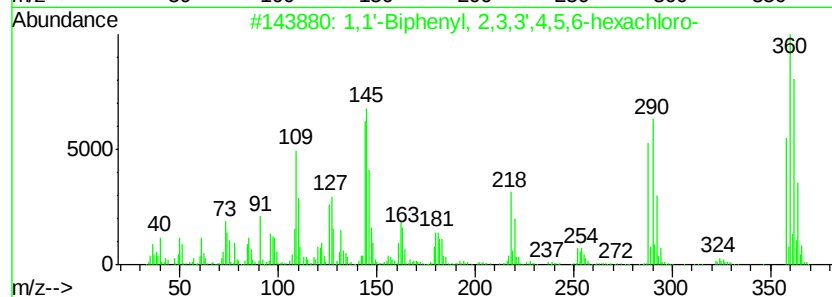
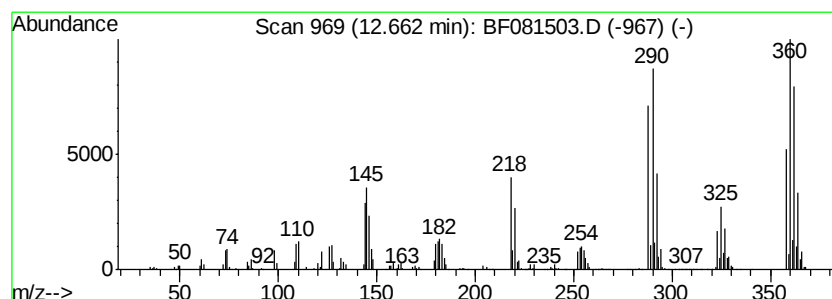
Instrument :
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ClientSampleId :
MGP208BR-7-8

Quant Title :

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

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	25.13 ng	1666640	Chrysene-d12	13.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

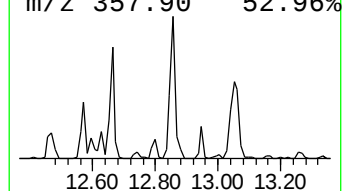
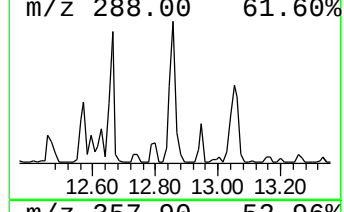
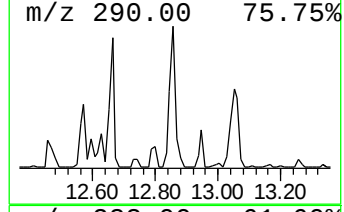
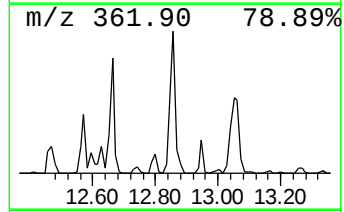
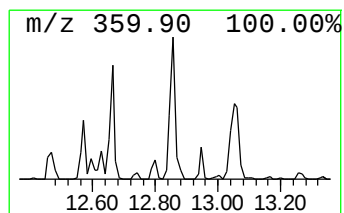
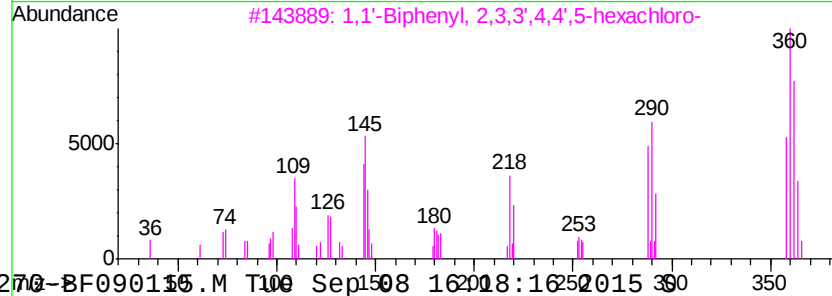
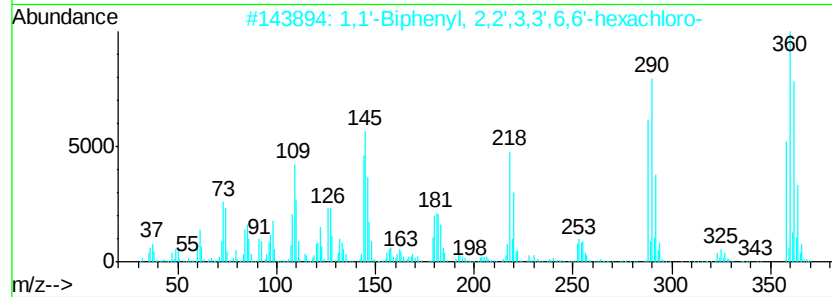
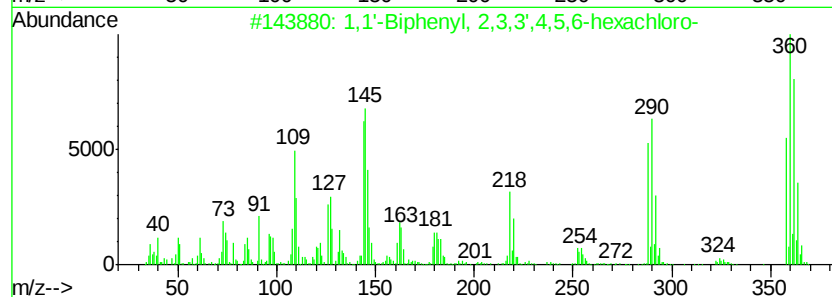
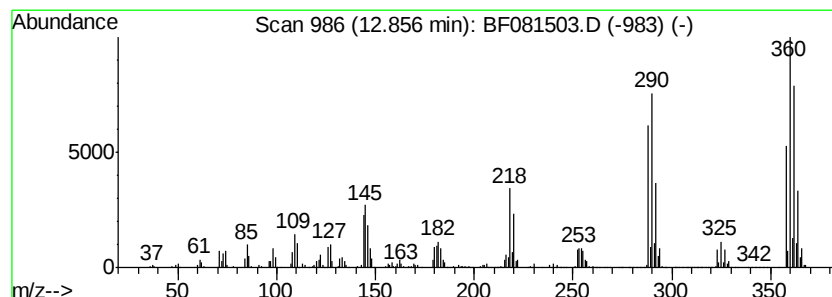
Quant Title :

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

Peak Number 15 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	45.08 ng	2990350	Chrysene-d12	13.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'	-Biphenyl,	2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
3	1,1'	-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'	-Biphenyl,	2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'	-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

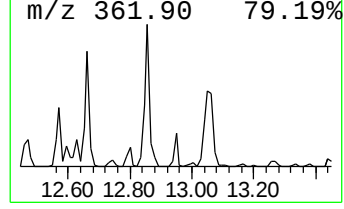
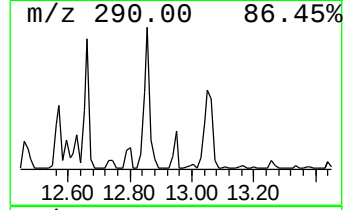
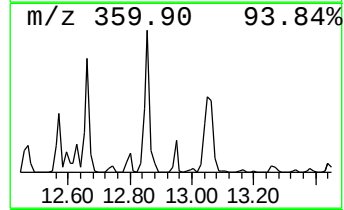
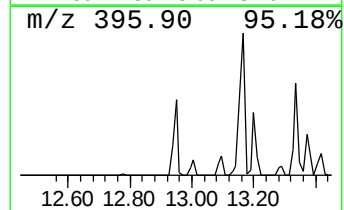
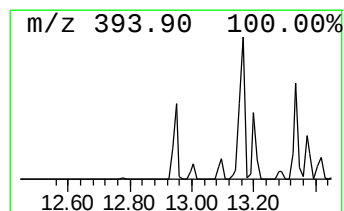
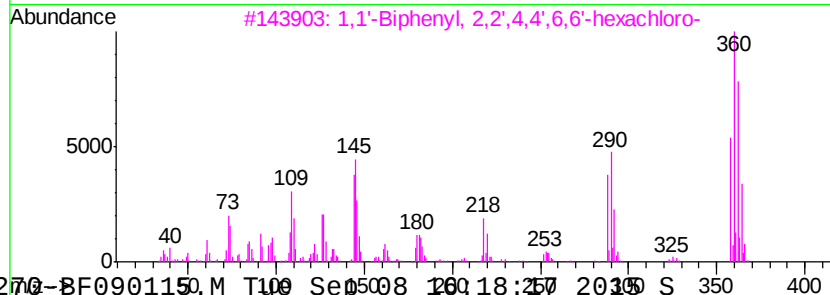
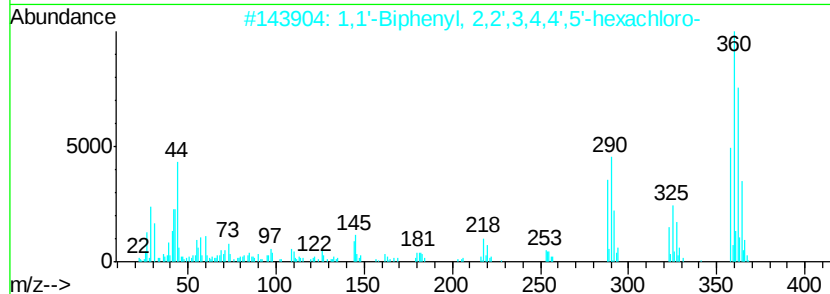
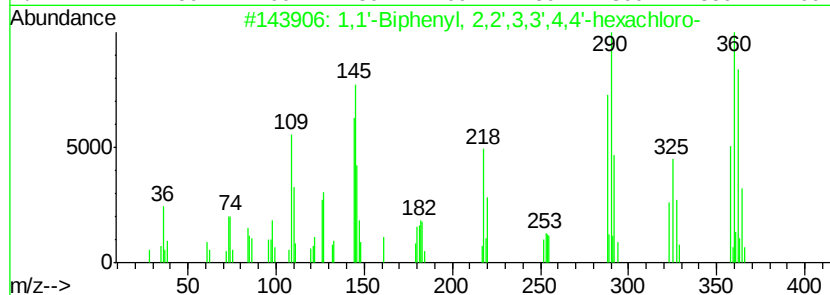
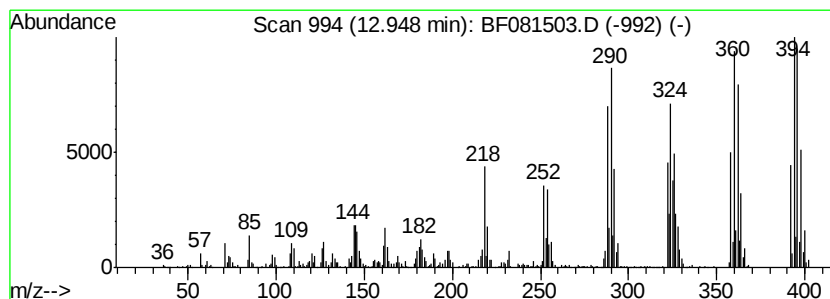
Quant Title :

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	16.03 ng	1063280	Chrysene-d12	13.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
2	1,1'	-Biphenyl,	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96
3	1,1'	-Biphenyl,	2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
4	1,1'	-Biphenyl,	2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	95
5	1,1'	-Biphenyl,	2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
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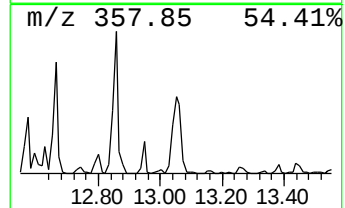
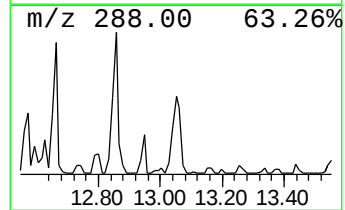
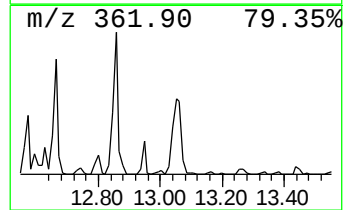
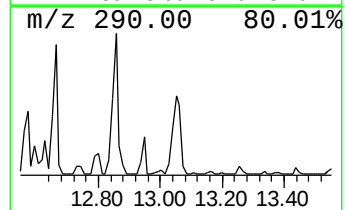
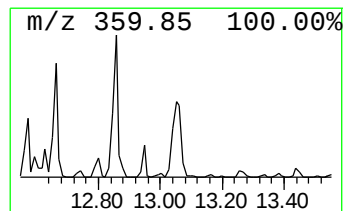
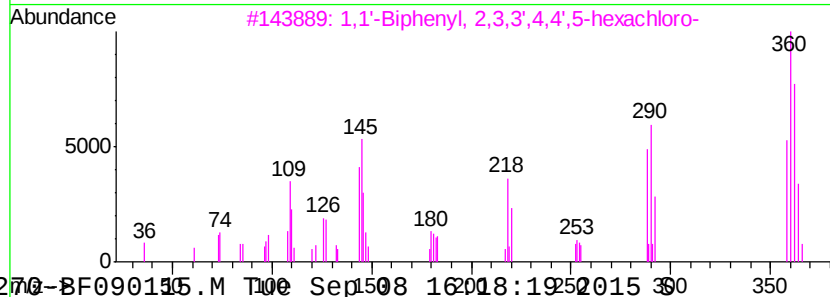
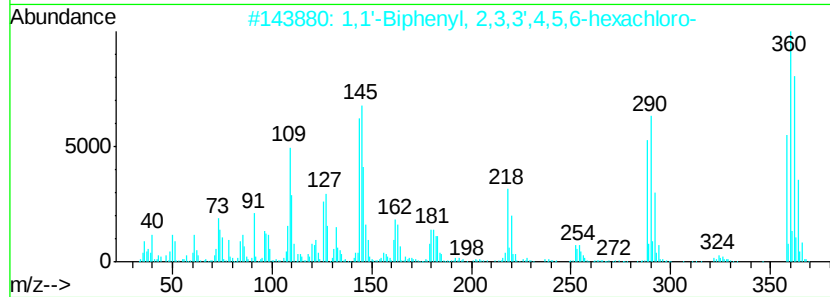
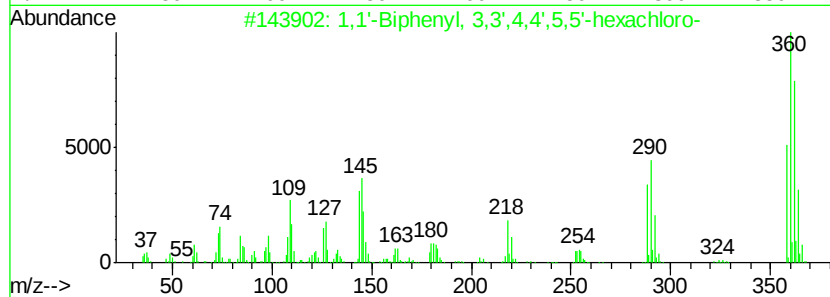
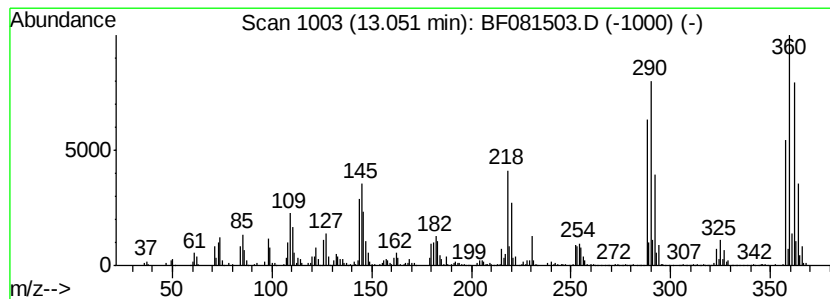
Quant Title :

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

Peak Number 17 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	34.99 ng	2320860	Chrysene-d12	13.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99		
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99		
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99		
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP208BR-7-8

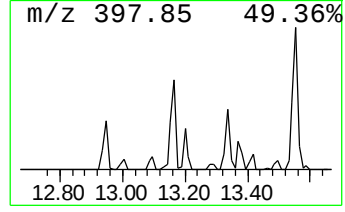
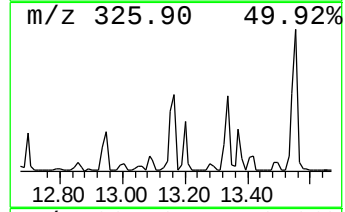
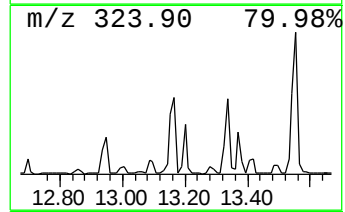
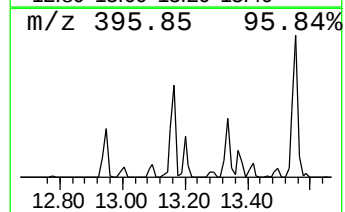
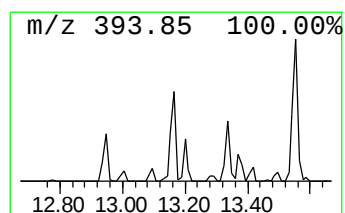
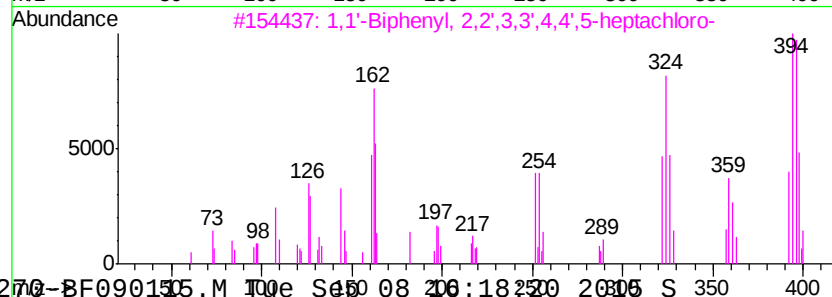
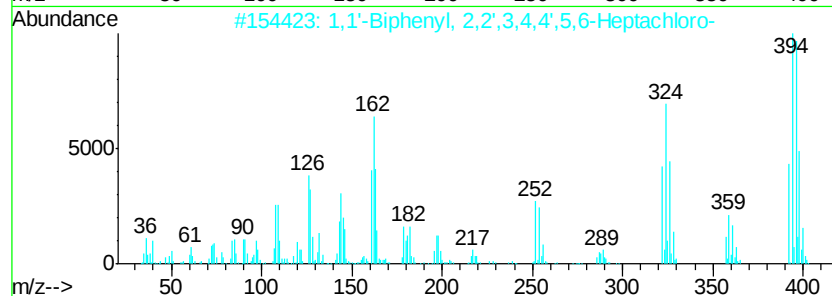
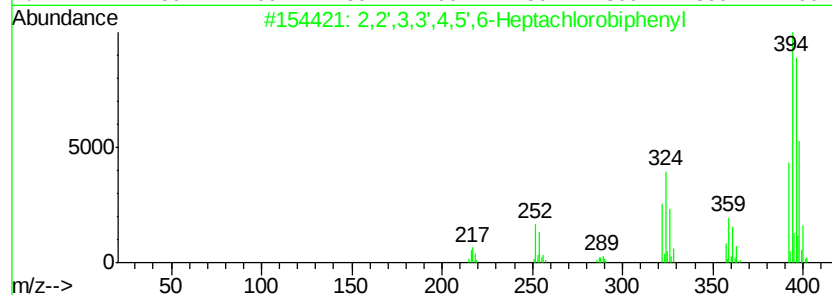
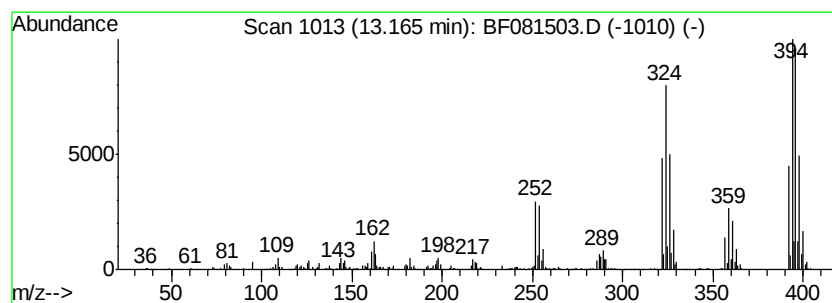
Quant Title :

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

Peak Number 18 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	20.68 ng	1371860	Chrysene-d12	13.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
2	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	97		
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	96		
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	96		
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	96		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

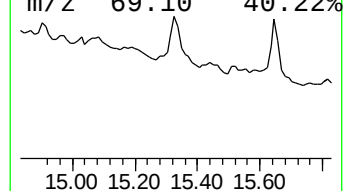
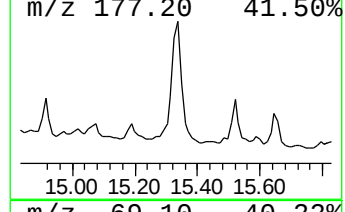
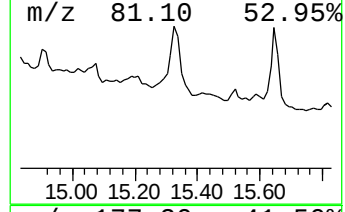
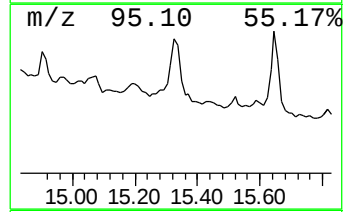
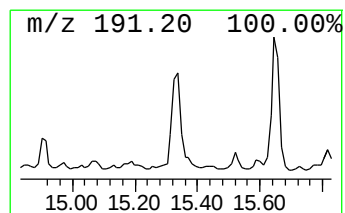
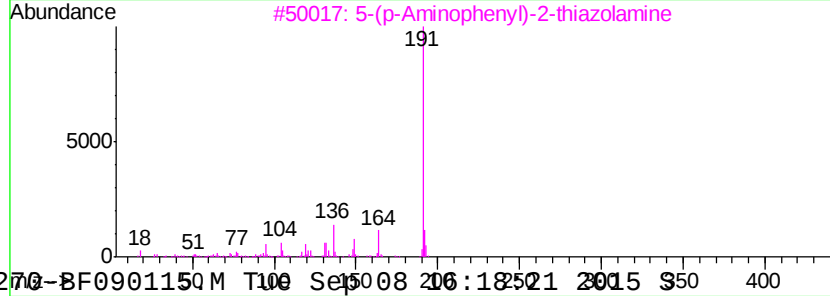
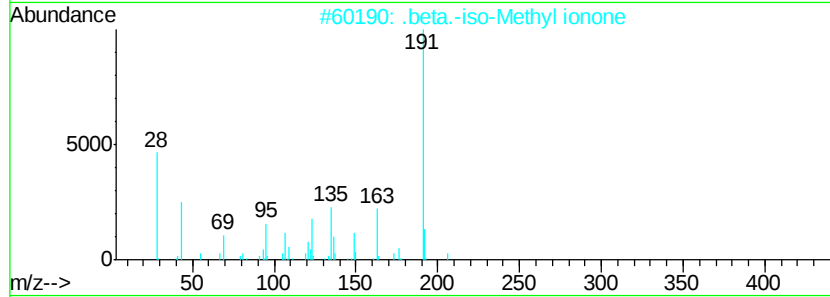
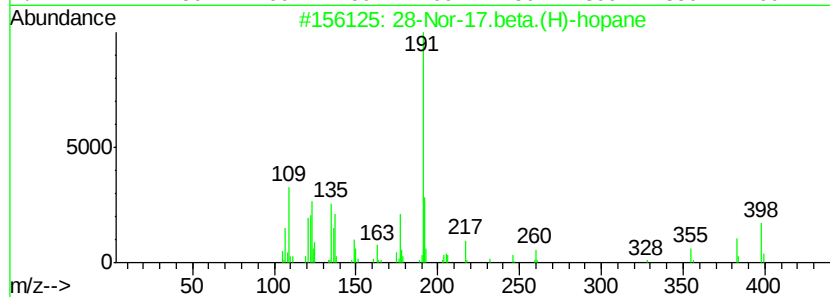
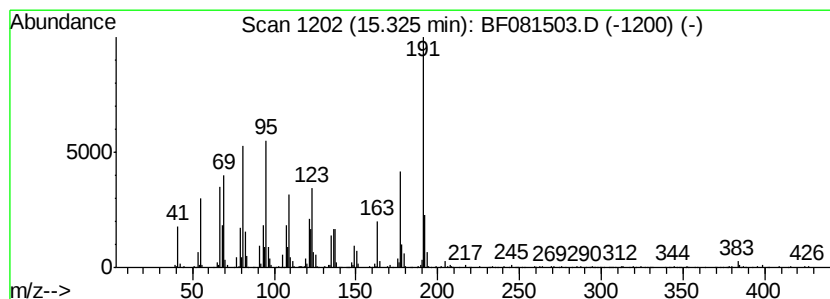
Quant Title :

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

Peak Number 19 unknown15.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	28.53 ng	1842510	Perylene-d12	14.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
3		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
4		4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	25
5		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081503.D
Acq On : 6 Sep 2015 11:43
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

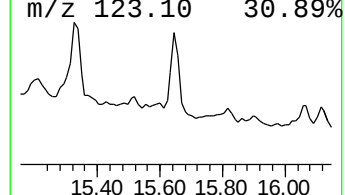
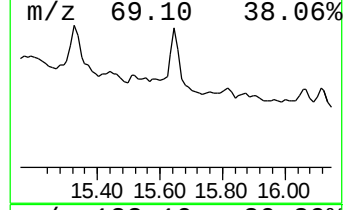
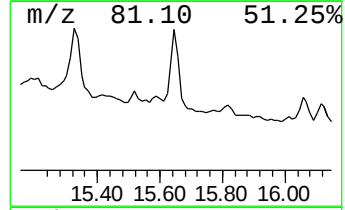
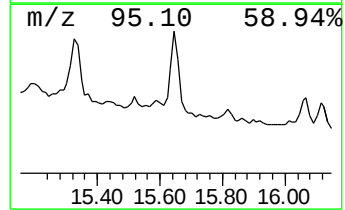
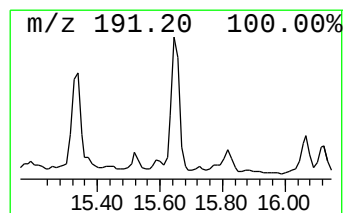
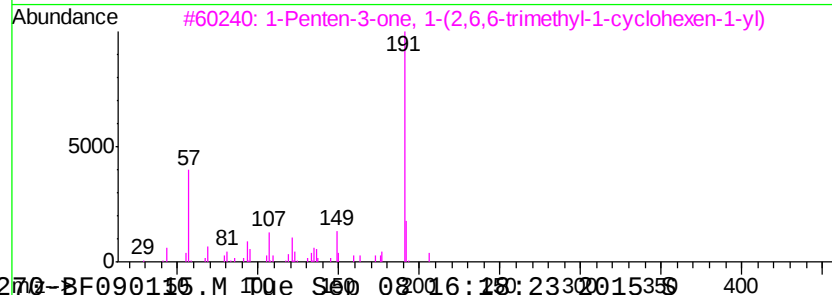
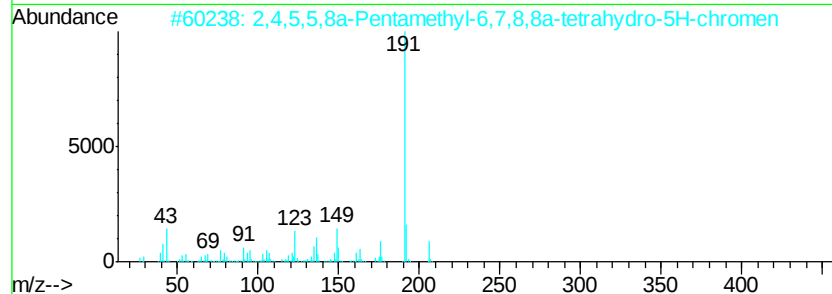
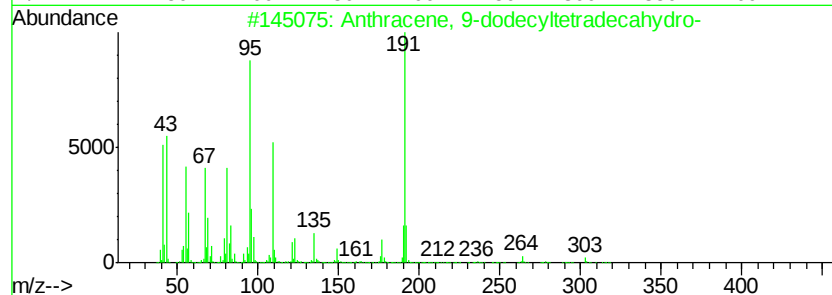
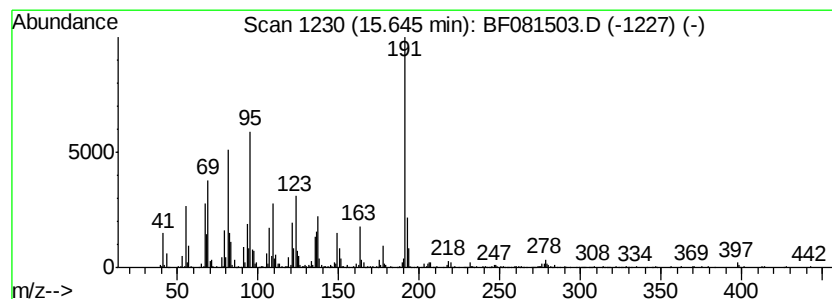
Quant Title :

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

Peak Number 20 Anthracene, 9-dodecyltetrad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	32.64 ng	2107490	Perylene-d12	14.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	53
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081503.D
 Acq On : 6 Sep 2015 11:43
 Operator : UM/IZ
 Sample : G3519-01
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-7-8

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-(chlor...	7.23	23.2	ng	907683	2	7.64	782176	20.0
Dodecane, 6-methyl-	7.75	19.7	ng	771526	2	7.64	782176	20.0
Benzene, 1-methyl...	7.88	21.1	ng	827301	2	7.64	782176	20.0
Benzene, 1-methyl...	7.94	25.1	ng	983033	2	7.64	782176	20.0
Tridecane, 7-methyl-	8.11	47.3	ng	1850200	2	7.64	782176	20.0
Benzene, 1,3-dime...	8.44	18.6	ng	728074	2	7.64	782176	20.0
Heptylcyclohexane	8.58	16.4	ng	1490090	3	9.40	1820730	20.0
unknown9.31	9.31	16.0	ng	1459810	3	9.40	1820730	20.0
unknown9.74	9.74	14.3	ng	1304100	3	9.40	1820730	20.0
unknown9.82	9.82	20.9	ng	1900400	3	9.40	1820730	20.0
Tridecane, 2-methyl-	10.10	14.6	ng	1331390	3	9.40	1820730	20.0
Undecane, 3,6-dim...	10.38	20.0	ng	1637820	4	10.89	1637820	20.0
1,1'-Biphenyl, 2,...	12.66	25.1	ng	1666640	5	13.50	1326550	20.0
1,1'-Biphenyl, 2,...	12.86	45.1	ng	2990350	5	13.50	1326550	20.0
1,1'-Biphenyl, 2,...	12.95	16.0	ng	1063280	5	13.50	1326550	20.0
1,1'-Biphenyl, 3,...	13.05	35.0	ng	2320860	5	13.50	1326550	20.0
2,2',3,3',4,5',6-...	13.17	20.7	ng	1371860	5	13.50	1326550	20.0
unknown15.33	15.33	28.5	ng	1842510	6	14.81	1291410	20.0
Anthracene, 9-dod...	15.65	32.6	ng	2107490	6	14.81	1291410	20.0