

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084992.D
 Acq On : 10 Feb 2016 14:48
 Operator : SJ/IZ
 Sample : H1392-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-7E-(0-2)B

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-BF020116.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	1.633	3	4	5	rBV	29366	37306	1.45%	0.094%
2	1.667	5	7	12	rVV4	52885	93392	3.64%	0.236%
3	1.747	12	14	41	rVB	1446199	2568465	100.00%	6.500%
4	4.742	273	276	284	rVB	162889	250640	9.76%	0.634%
5	5.199	314	316	319	rBV	936070	861352	33.54%	2.180%
6	5.850	371	373	376	rVB2	32970	46547	1.81%	0.118%
7	5.907	376	378	382	rBV2	16430	29777	1.16%	0.075%
8	6.045	387	390	394	rBV3	12303	38789	1.51%	0.098%
9	6.136	394	398	400	rBV	58691	78638	3.06%	0.199%
10	6.273	407	410	412	rBV	799571	878202	34.19%	2.222%
11	6.387	418	420	422	rVB	1144376	942868	36.71%	2.386%
12	6.467	426	427	429	rVB2	27370	33410	1.30%	0.085%
13	6.616	438	440	442	rBV	831193	913623	35.57%	2.312%
14	6.650	442	443	444	rVB	55475	38056	1.48%	0.096%
15	6.685	444	446	448	rBV2	35512	64118	2.50%	0.162%
16	6.776	450	454	456	rBV	856856	768826	29.93%	1.946%
17	6.890	458	464	467	rBV5	86504	208093	8.10%	0.527%
18	6.993	470	473	474	rBV2	21626	50569	1.97%	0.128%
19	7.016	474	475	476	rVB	84822	58188	2.27%	0.147%
20	7.050	476	478	481	rBV3	44886	71712	2.79%	0.181%
21	7.107	481	483	484	rBV	23222	29513	1.15%	0.075%
22	7.188	488	490	492	rVB	628019	496855	19.34%	1.257%
23	7.279	495	498	500	rVB2	81325	130663	5.09%	0.331%
24	7.325	500	502	503	rBV	47690	59256	2.31%	0.150%
25	7.348	503	504	506	rVB	50225	50598	1.97%	0.128%
26	7.405	506	509	510	rBV2	42238	82845	3.23%	0.210%
27	7.428	510	511	514	rVB	163456	174898	6.81%	0.443%
28	7.496	514	517	518	rBV2	46957	83774	3.26%	0.212%
29	7.542	518	521	524	rBV3	127895	260267	10.13%	0.659%
30	7.679	530	533	536	rVB4	63093	150821	5.87%	0.382%
31	7.748	536	539	540	rBV2	87801	149151	5.81%	0.377%
32	7.805	540	544	547	rBV4	65041	200543	7.81%	0.507%
33	7.873	547	550	551	rBV3	62604	127896	4.98%	0.324%
34	7.908	551	553	555	rBV	1309469	1305328	50.82%	3.303%

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35	7.965	555	558	559	rVB3	68694	110597	4.31%	0.280%
36	7.988	559	560	561	rBV	419855	339041	13.20%	0.858%
37	8.045	564	565	566	rVB	107940	73993	2.88%	0.187%
38	8.079	566	568	569	rBV2	111937	167829	6.53%	0.425%
39	8.125	569	572	574	rVB4	225290	297722	11.59%	0.753%
40	8.159	574	575	576	rBV	55464	60615	2.36%	0.153%
41	8.205	576	579	581	rVB2	152614	249371	9.71%	0.631%
42	8.250	581	583	584	rBV	49362	97153	3.78%	0.246%
43	8.353	589	592	596	rBV	834378	1070736	41.69%	2.710%
44	8.456	599	601	602	rBV2	227579	211206	8.22%	0.534%
45	8.536	604	608	609	rBV4	116279	288560	11.23%	0.730%
46	8.616	613	615	617	rVB3	336335	432570	16.84%	1.095%
47	8.651	617	618	620	rBV2	107716	168950	6.58%	0.428%
48	8.719	622	624	628	rVB4	152365	277105	10.79%	0.701%
49	8.833	629	634	635	rVB4	165242	289732	11.28%	0.733%
50	8.868	635	637	638	rBV2	59752	111193	4.33%	0.281%
51	8.902	638	640	641	rVB2	162511	182003	7.09%	0.461%
52	8.948	641	644	646	rBV	1155991	1286998	50.11%	3.257%
53	8.993	646	648	650	rVB	787711	819685	31.91%	2.074%
54	9.073	652	655	658	rBV3	324241	820554	31.95%	2.077%
55	9.131	658	660	662	rVV2	243824	373787	14.55%	0.946%
56	9.199	664	666	668	rVB3	154061	177684	6.92%	0.450%
57	9.245	668	670	671	rBV2	104065	168895	6.58%	0.427%
58	9.325	676	677	678	rVV	178429	151277	5.89%	0.383%
59	9.371	679	681	682	rVV2	332380	358632	13.96%	0.908%
60	9.405	682	684	685	rVV2	1320346	1281584	49.90%	3.243%
61	9.428	685	686	690	rVB3	224412	385269	15.00%	0.975%
62	9.485	690	691	692	rBV	119363	85880	3.34%	0.217%
63	9.519	692	694	695	rBV2	172738	303889	11.83%	0.769%
64	9.576	697	699	701	rVB3	300903	335828	13.08%	0.850%
65	9.611	701	702	703	rBV	180777	148030	5.76%	0.375%
66	9.656	703	706	708	rBV3	1127709	1586733	61.78%	4.015%
67	9.702	708	710	713	rVB4	121032	237285	9.24%	0.600%
68	9.771	714	716	718	rVB2	188724	320031	12.46%	0.810%
69	9.873	722	725	726	rVV3	326877	415076	16.16%	1.050%
70	9.908	726	728	729	rVB	230286	215317	8.38%	0.545%
71	9.931	729	730	733	rVB2	506896	495657	19.30%	1.254%

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72	9.976	733	734	740	rBV5	258820	787525	30.66%	1.993%
73	10.068	740	742	743	rBV2	203461	282280	10.99%	0.714%
74	10.159	748	750	751	rVB2	159800	177007	6.89%	0.448%
75	10.205	752	754	755	rBV	123213	91395	3.56%	0.231%
76	10.331	763	765	767	rBV	1085160	1105983	43.06%	2.799%
77	10.376	767	769	771	rVB3	171000	227830	8.87%	0.577%
78	10.445	773	775	777	rVB3	634160	696425	27.11%	1.762%
79	10.491	777	779	782	rBV4	118759	286884	11.17%	0.726%
80	10.594	785	788	790	rBV	1581396	1688302	65.73%	4.272%
81	10.776	803	804	806	rBV	234755	291249	11.34%	0.737%
82	11.062	827	829	831	rVB	856677	1066324	41.52%	2.698%
83	11.142	834	836	837	rBV	828636	949012	36.95%	2.402%
84	11.405	857	859	862	rVB	287658	275969	10.74%	0.698%
85	11.748	887	889	894	rVB2	223663	473392	18.43%	1.198%
86	12.137	922	923	926	rVB	182092	177513	6.91%	0.449%
87	12.194	926	928	934	rVB3	161290	399039	15.54%	1.010%
88	12.342	939	941	943	rVV	370236	355219	13.83%	0.899%
89	12.388	943	945	948	rVB4	121415	157562	6.13%	0.399%
90	12.559	959	960	962	rVB2	411557	556512	21.67%	1.408%
91	12.719	972	974	978	rVB	719248	714954	27.84%	1.809%
92	12.971	994	996	997	rVB	84482	96062	3.74%	0.243%
93	13.005	997	999	1004	rVB4	104525	192065	7.48%	0.486%
94	13.268	1020	1022	1023	rBV	196728	172782	6.73%	0.437%
95	13.760	1063	1065	1069	rBV2	705035	1100338	42.84%	2.785%
96	14.754	1150	1152	1156	rVB	139847	289603	11.28%	0.733%
97	15.017	1173	1175	1178	rVB	82872	98393	3.83%	0.249%
98	15.074	1178	1180	1182	rBV	144924	169678	6.61%	0.429%
99	15.131	1182	1185	1187	rBV	575762	713259	27.77%	1.805%
100	16.080	1266	1268	1274	rVB2	91599	191883	7.47%	0.486%

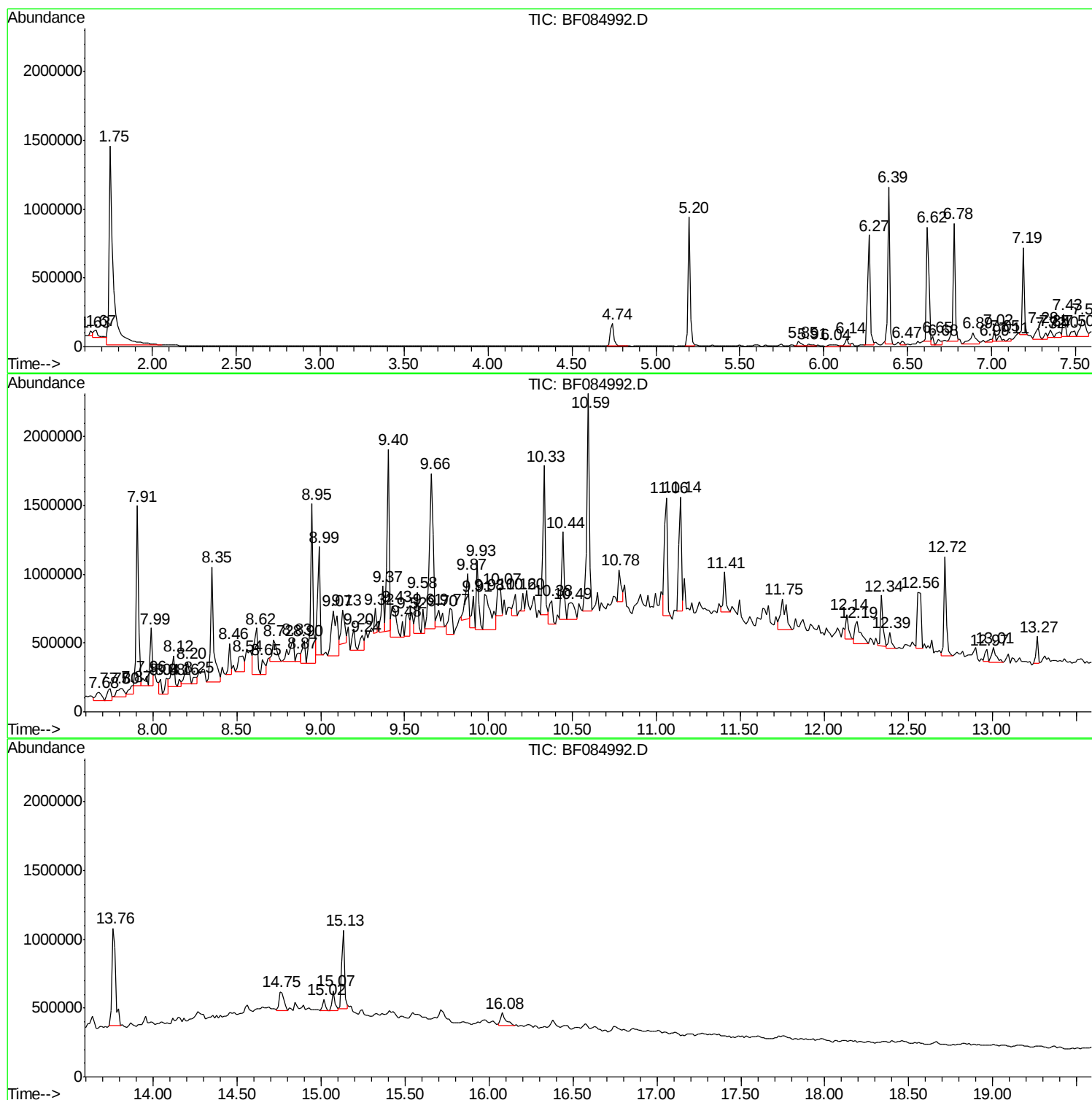
Sum of corrected areas: 39515885

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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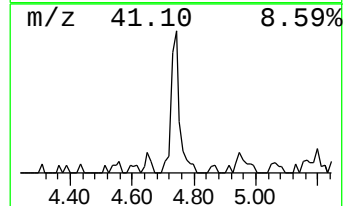
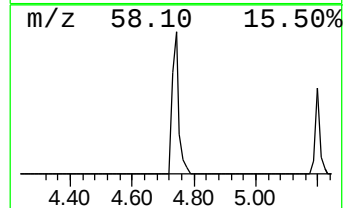
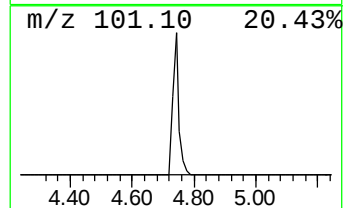
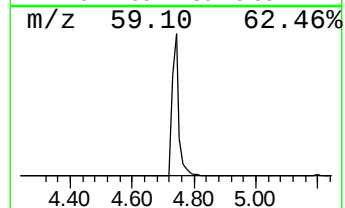
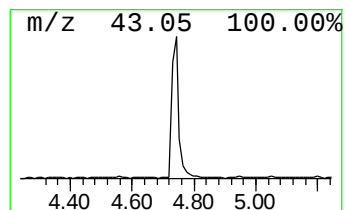
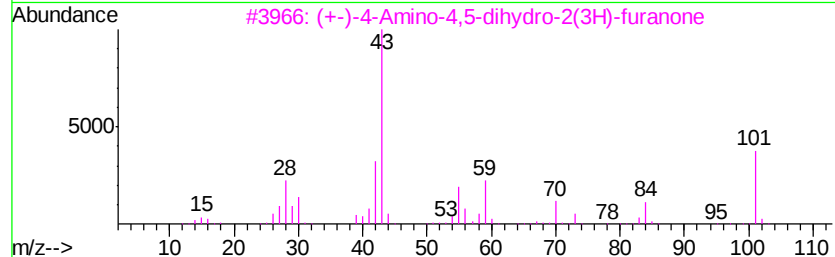
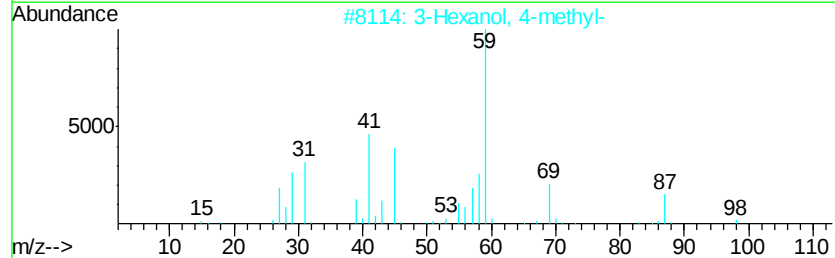
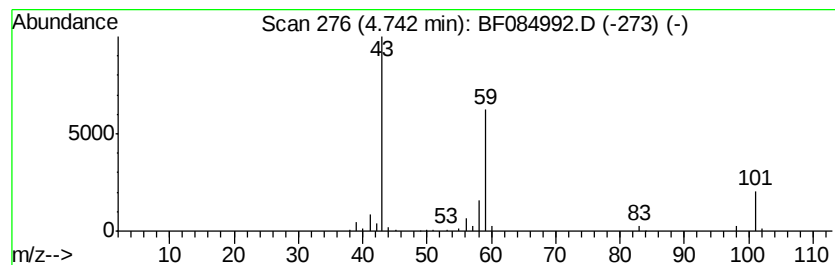
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	5.49 ng	250640	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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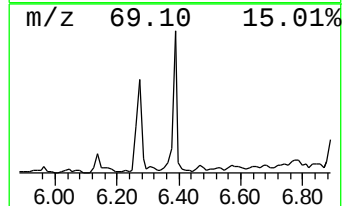
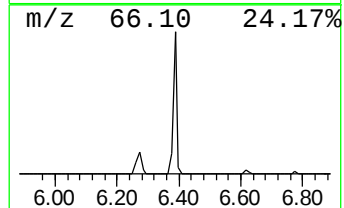
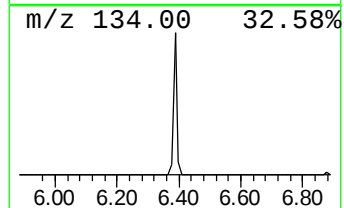
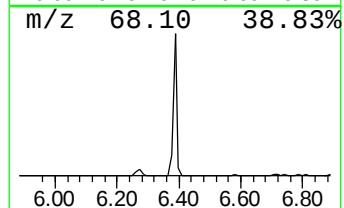
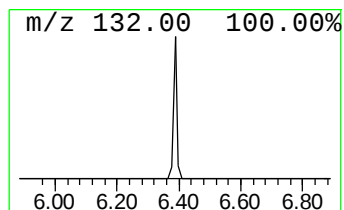
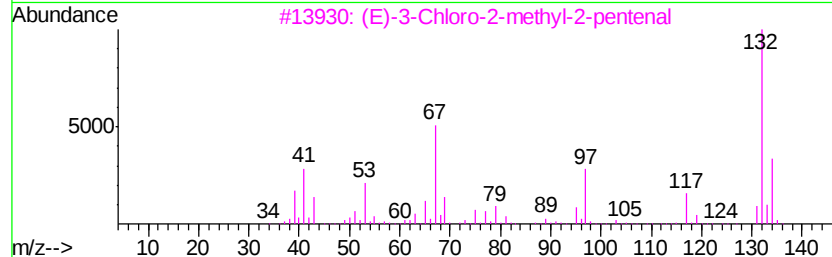
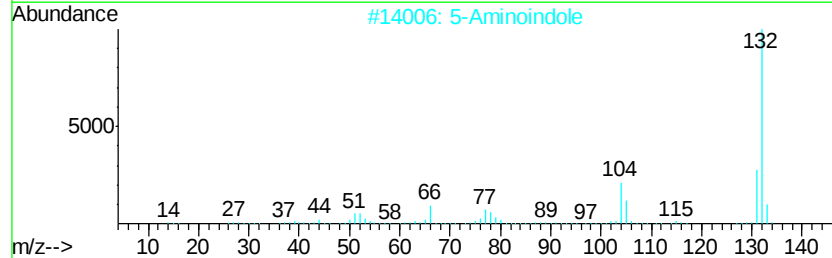
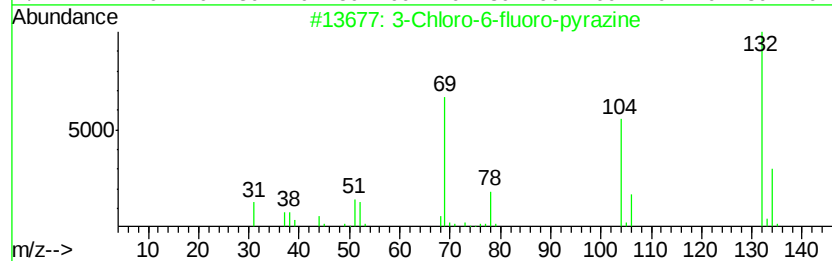
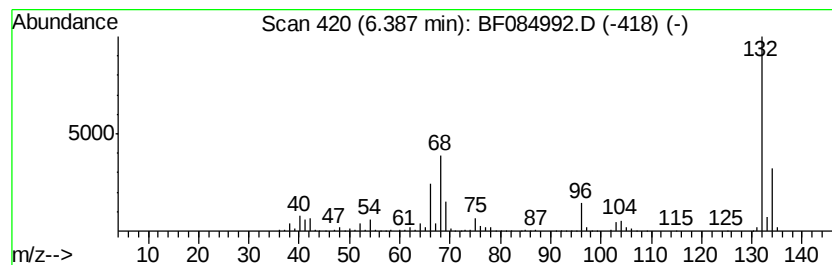
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	20.64 ng	942868	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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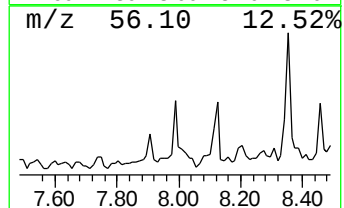
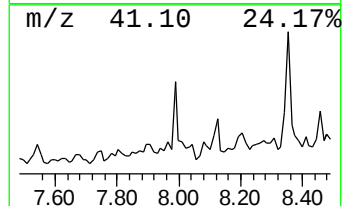
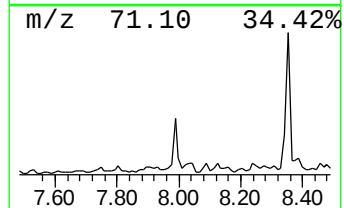
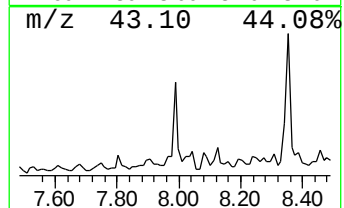
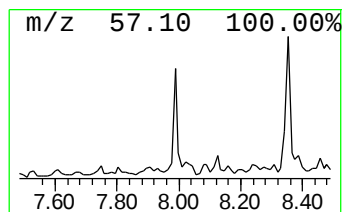
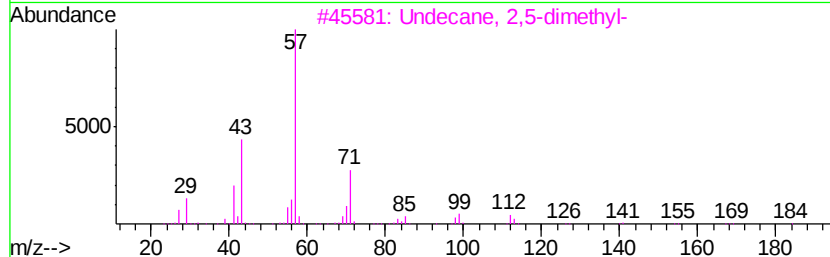
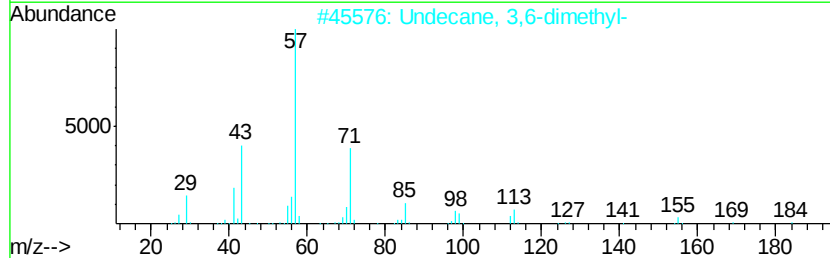
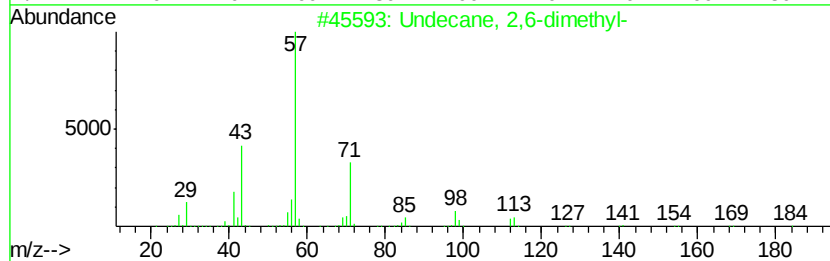
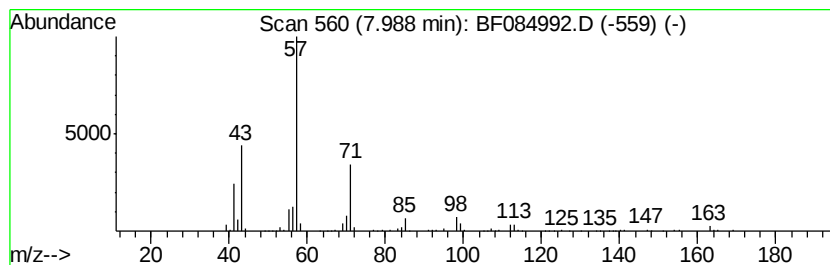
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	5.19 ng	339041	Naphthalene-d8	7.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,6-dimethyl-	184	C13H28	017301-23-4	86	
2	Undecane,	3,6-dimethyl-	184	C13H28	017301-28-9	78	
3	Undecane,	2,5-dimethyl-	184	C13H28	017301-22-3	72	
4	Decane,	2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
5	Undecane,	5-ethyl-	184	C13H28	017453-94-0	59	



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Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
Operator : SJ/IZ
Sample : H1392-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

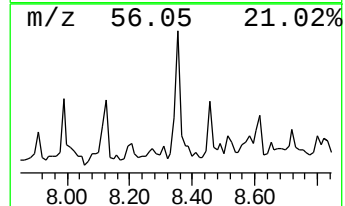
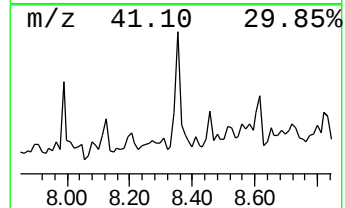
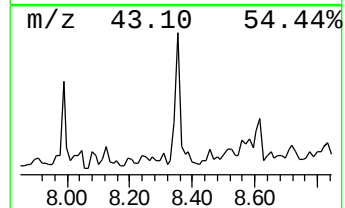
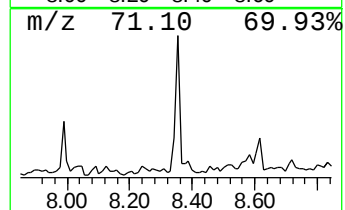
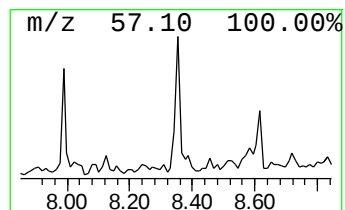
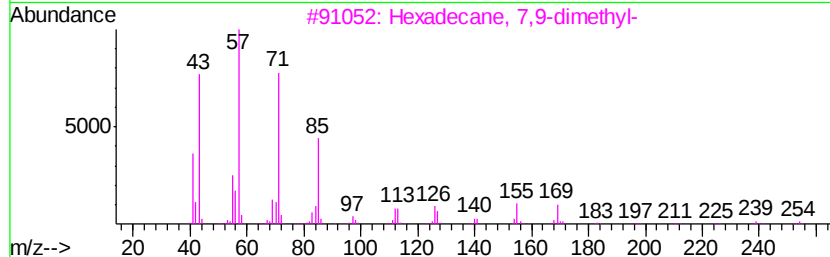
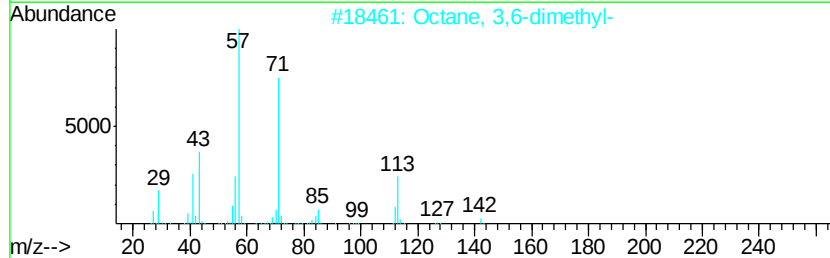
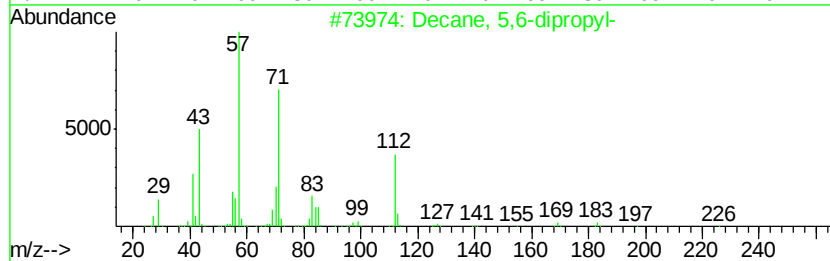
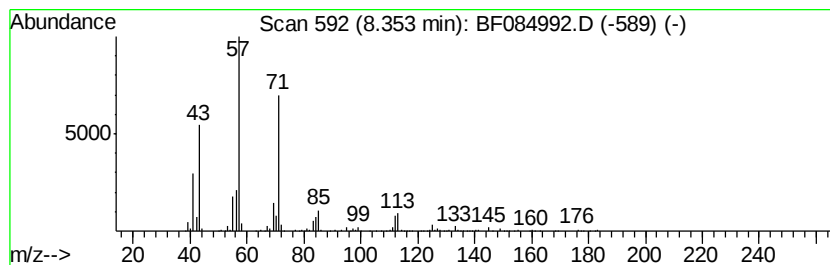
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5,6-dipropyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	16.41 ng	1070740	Naphthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
Operator : SJ/IZ
Sample : H1392-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

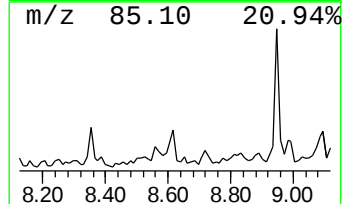
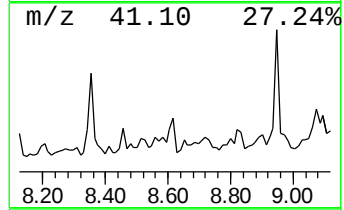
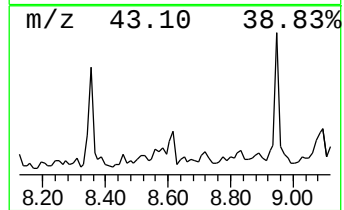
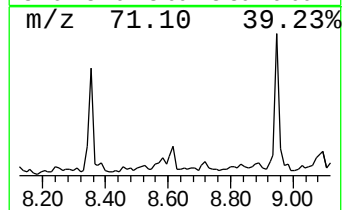
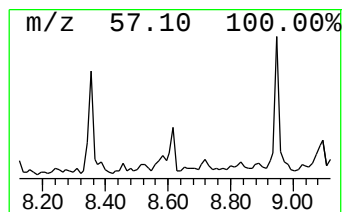
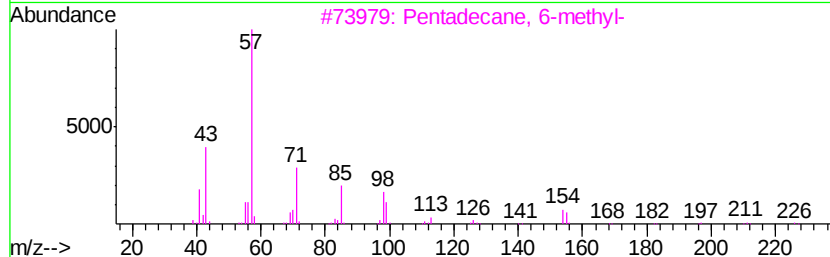
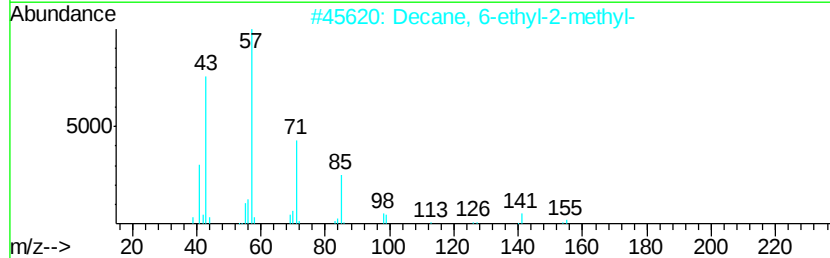
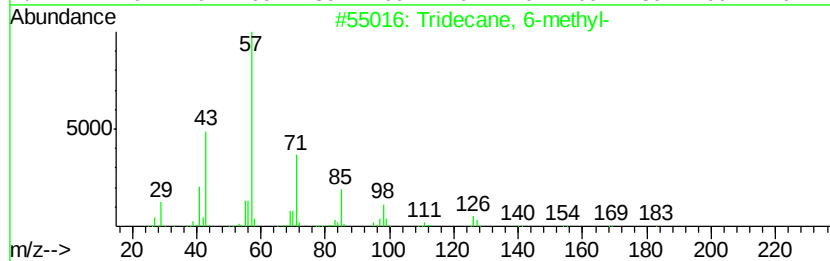
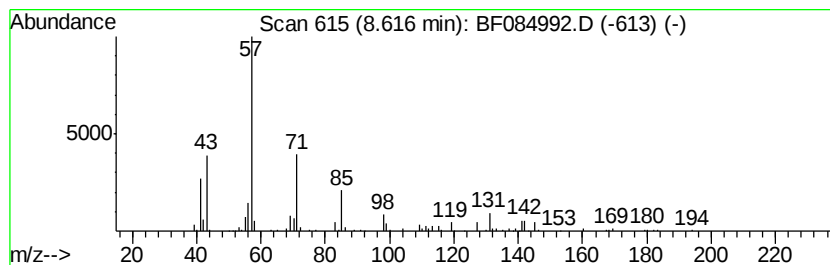
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.62	6.63 ng	432570	Naphthalene-d8	7.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
5	Tetradecane	198	C14H30	000629-59-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
Operator : SJ/IZ
Sample : H1392-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

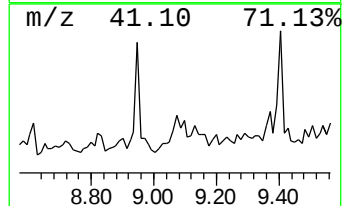
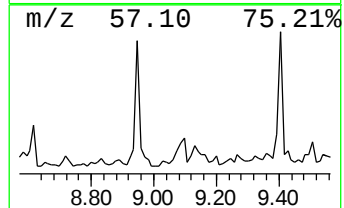
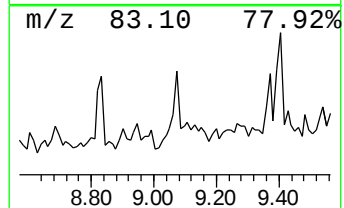
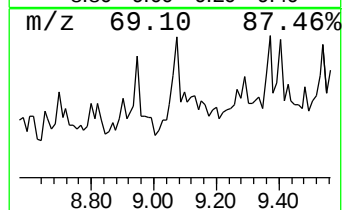
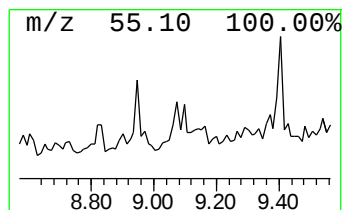
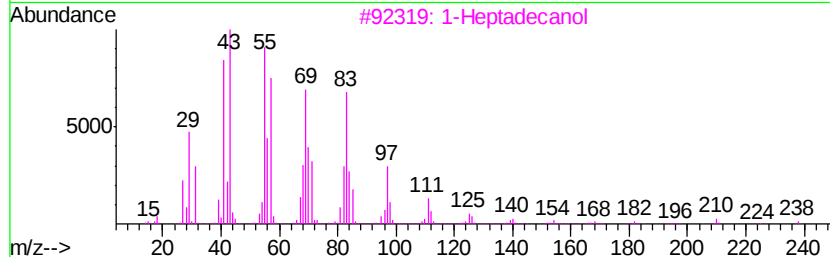
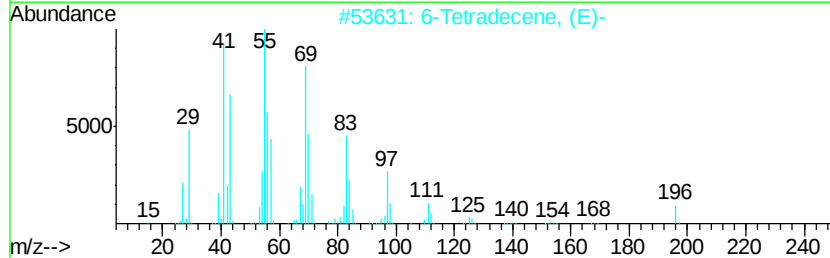
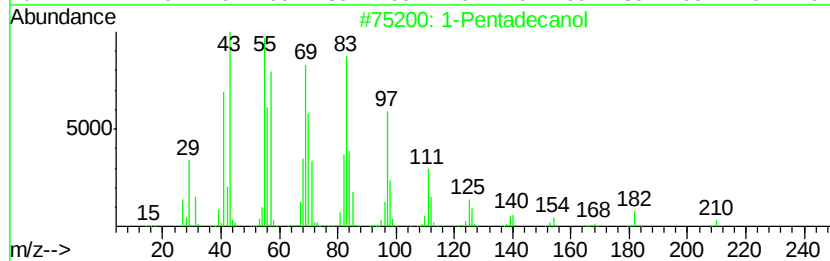
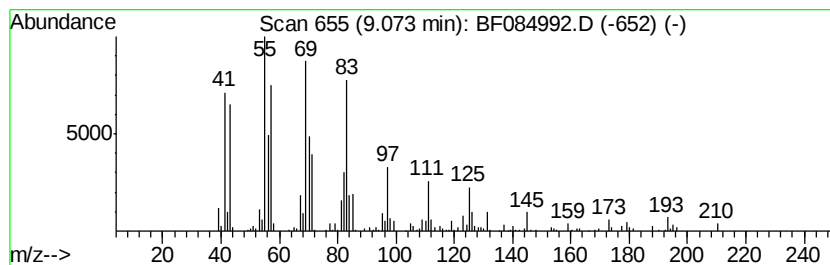
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Pentadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.07	10.34 ng	820554	Acenaphthene-d10		9.66		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecanol	228	C15H32O	000629-76-5	80
2			6-Tetradecene, (E)-	196	C14H28	041446-64-4	58
3			1-Heptadecanol	256	C17H36O	001454-85-9	52
4			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	50
5			3-Tetradecene, (E)-	196	C14H28	041446-68-8	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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Acq On : 10 Feb 2016 14:48
Operator : SJ/IZ
Sample : H1392-05 5X
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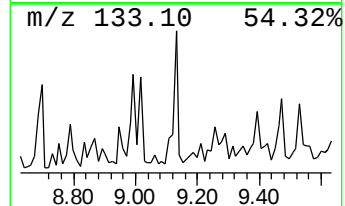
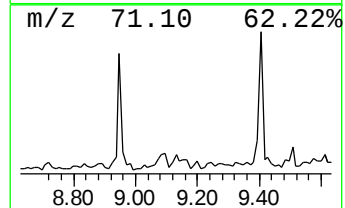
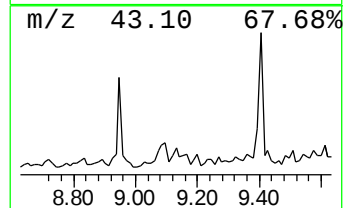
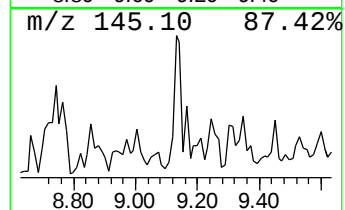
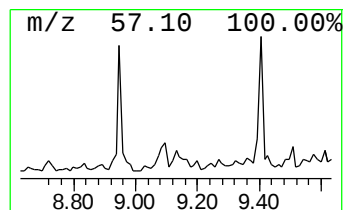
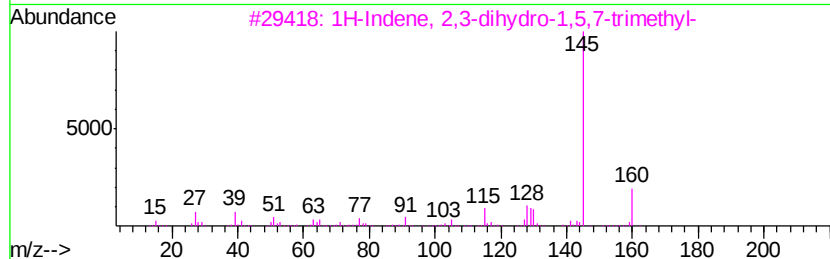
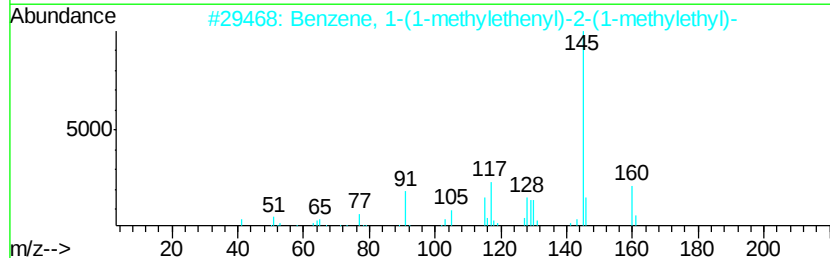
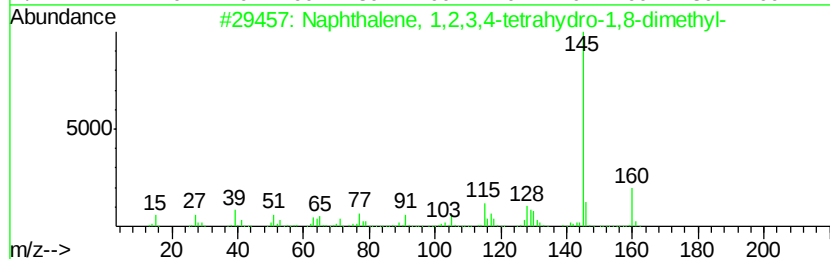
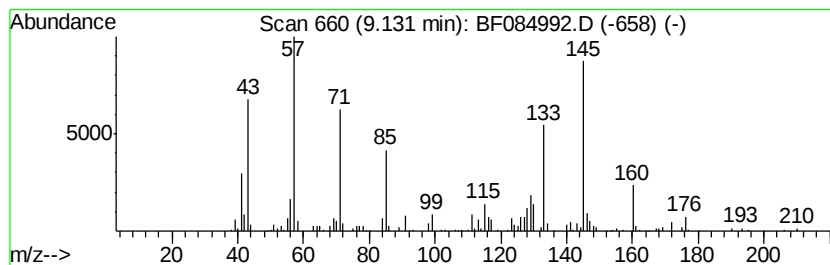
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.13 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	4.71 ng	373787	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 46
2		Benzene, 1-(1-methylethenyl)-2-(...	160 C12H16	005557-93-7 45
3		1H-Indene, 2,3-dihydro-1,5,7-tri...	160 C12H16	054340-88-4 45
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 43
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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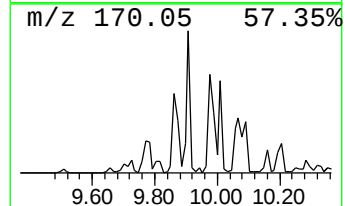
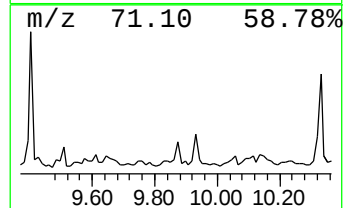
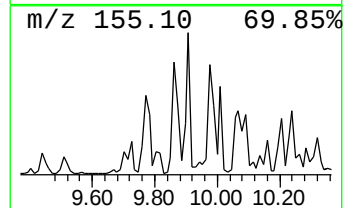
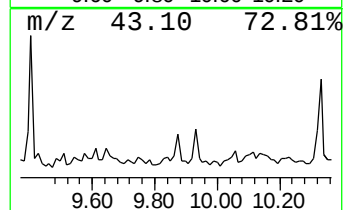
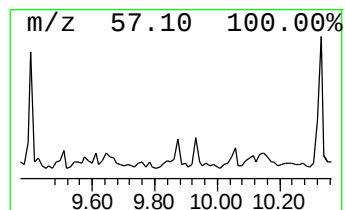
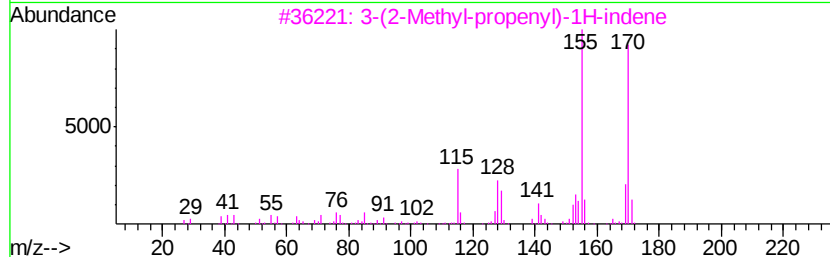
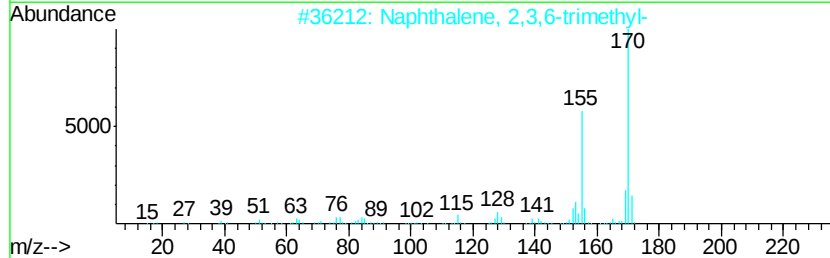
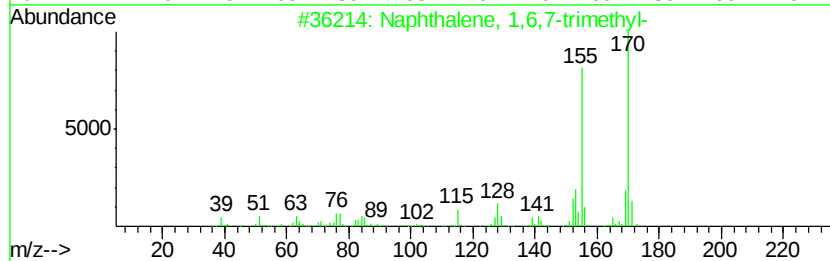
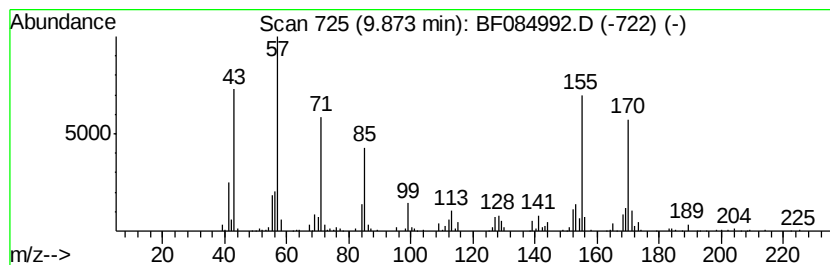
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	5.23 ng	415076	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
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Sample : H1392-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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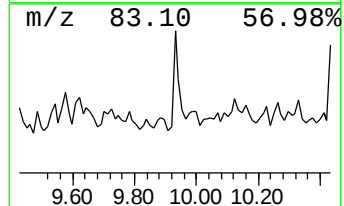
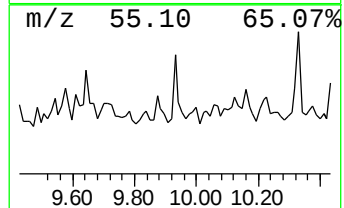
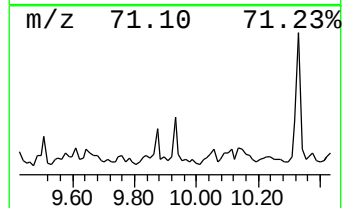
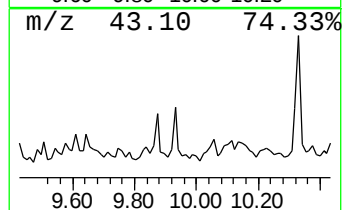
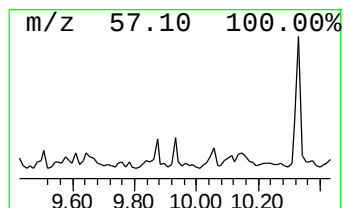
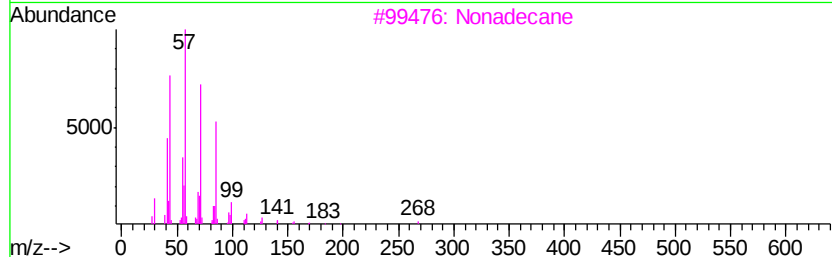
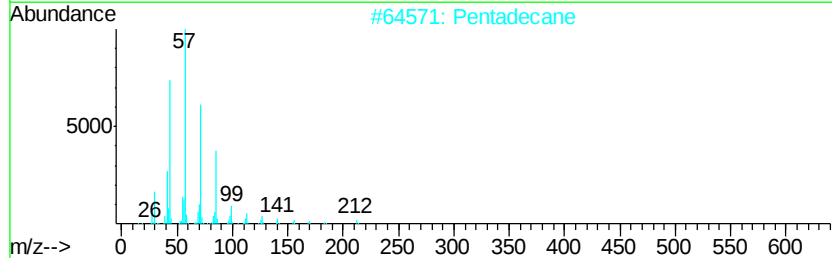
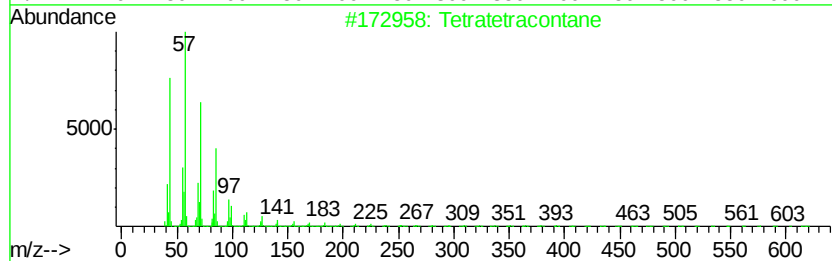
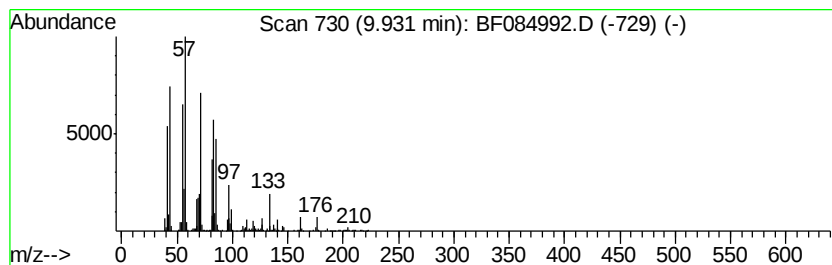
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	6.25 ng	495657	Acenaphthene-d10	9.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	49
2			Pentadecane	212	C15H32	000629-62-9	46
3			Nonadecane	268	C19H40	000629-92-5	46
4			Tetracosane	338	C24H50	000646-31-1	43
5			Octacosane	394	C28H58	000630-02-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
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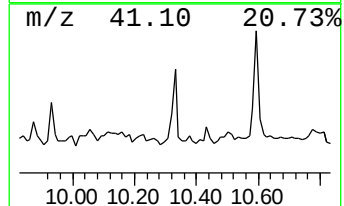
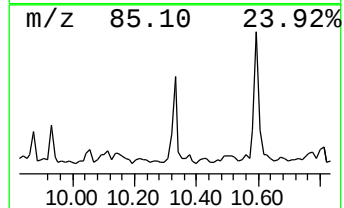
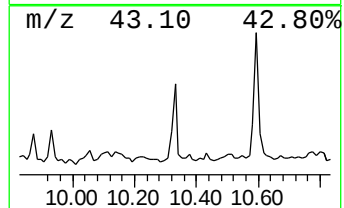
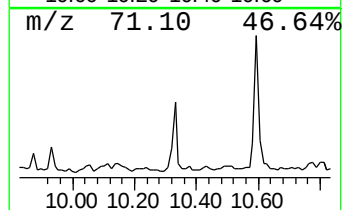
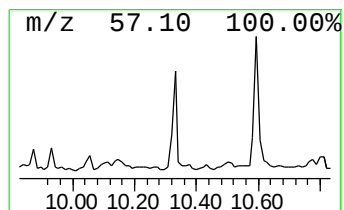
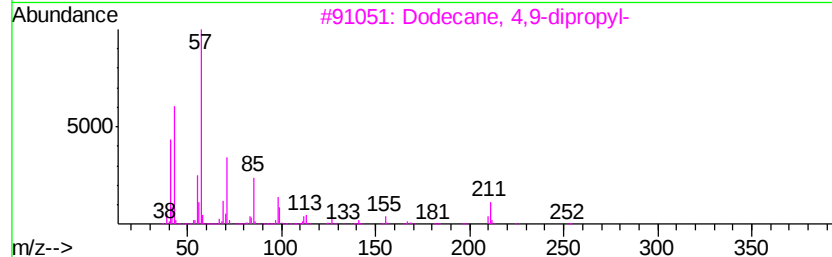
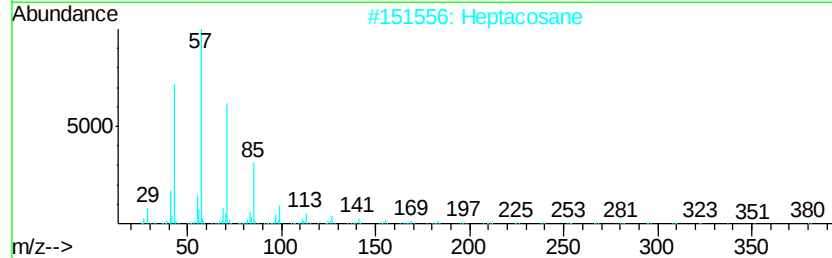
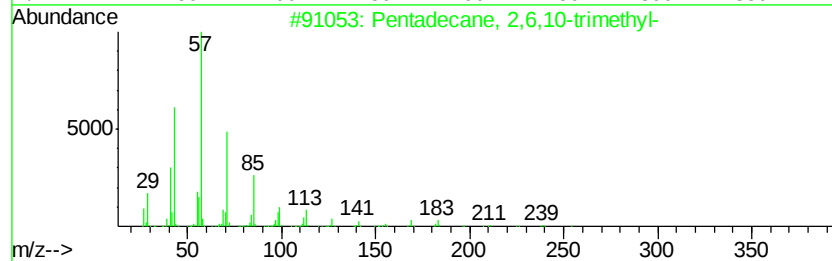
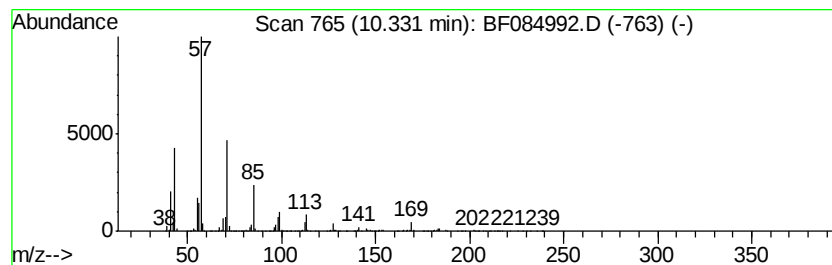
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	13.94 ng	1105980	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
Operator : SJ/IZ
Sample : H1392-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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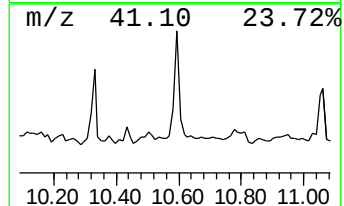
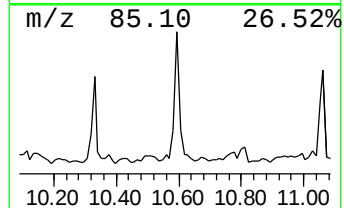
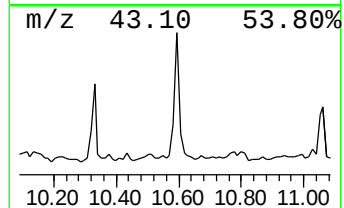
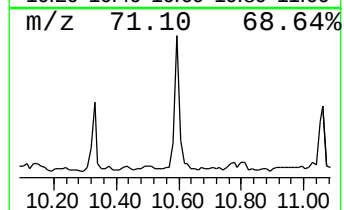
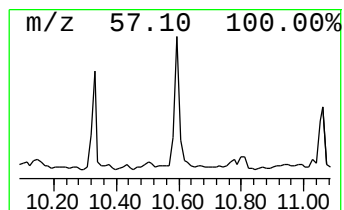
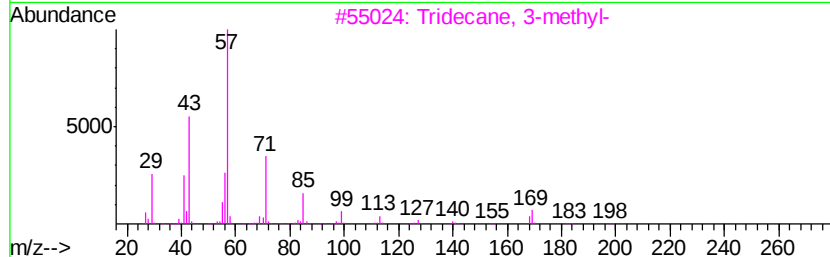
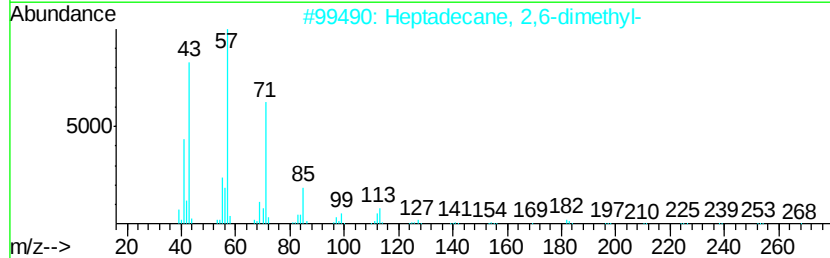
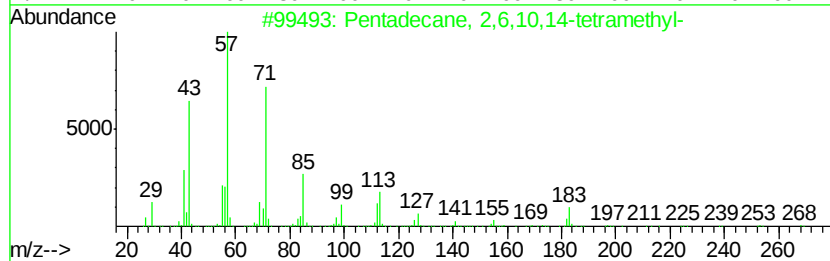
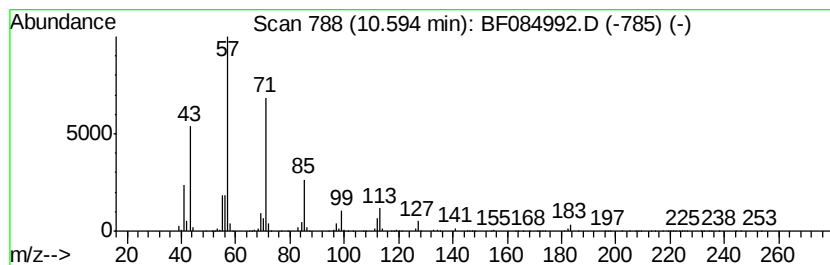
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	35.58 ng	1688300	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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ClientSampleId :
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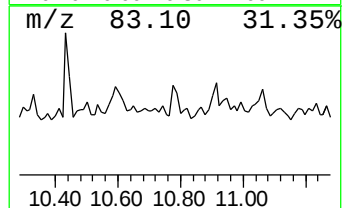
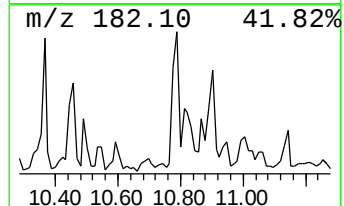
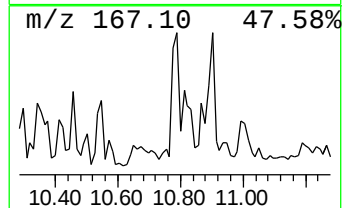
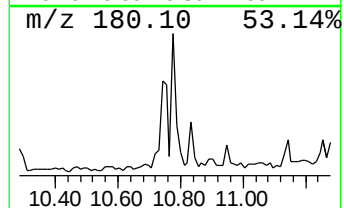
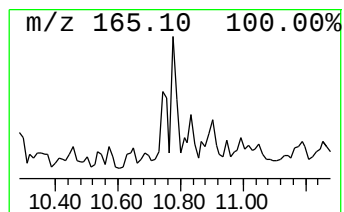
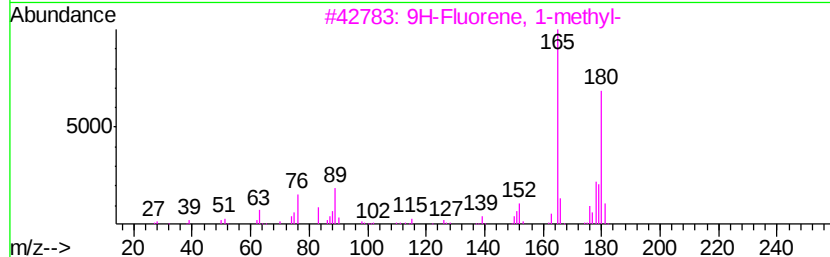
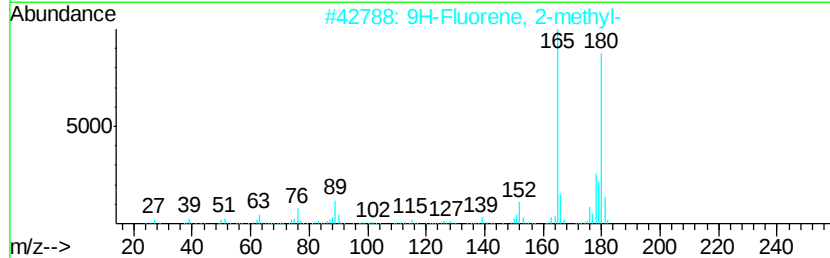
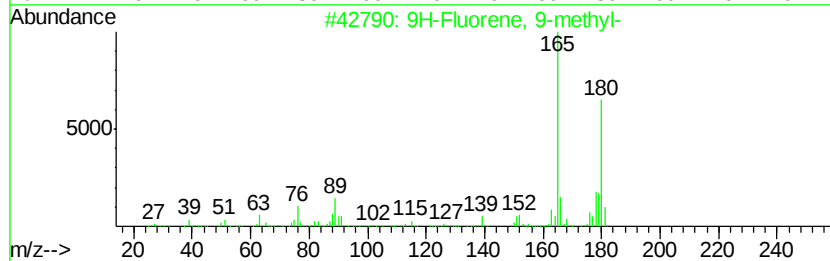
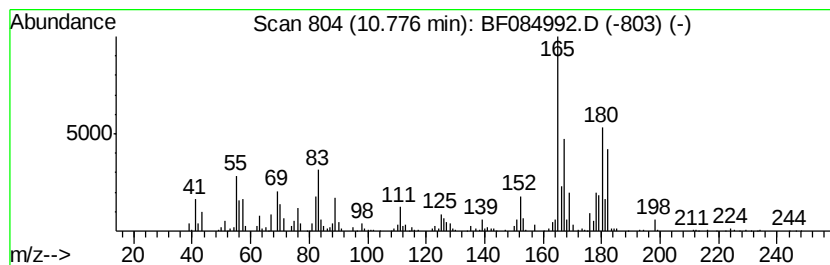
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	6.14 ng	291249	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
5		Thiophene, 2-[(trimethylsilyl)et...	180	C9H12SSi	040231-03-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
Acq On : 10 Feb 2016 14:48
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ALS Vial : 10 Sample Multiplier: 1

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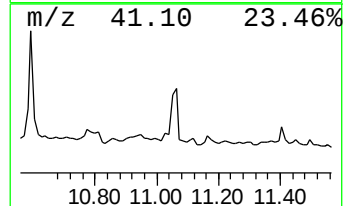
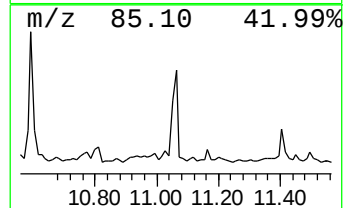
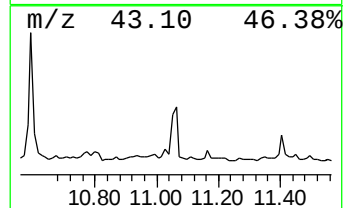
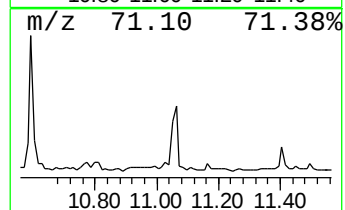
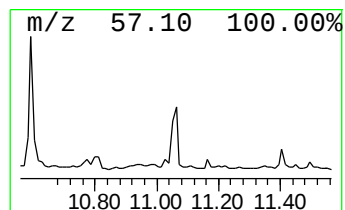
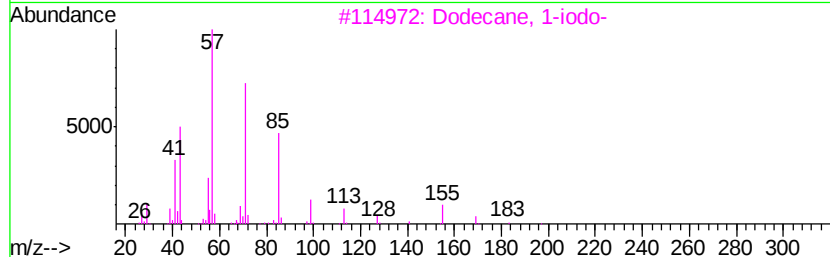
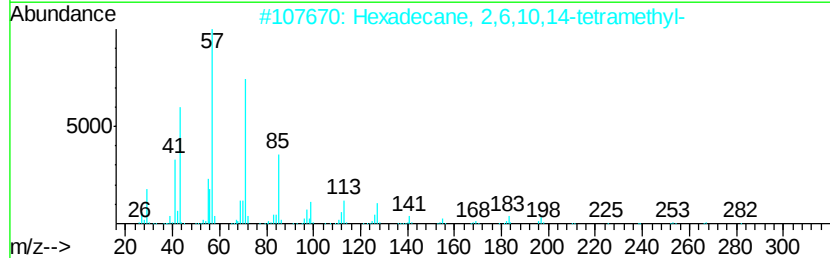
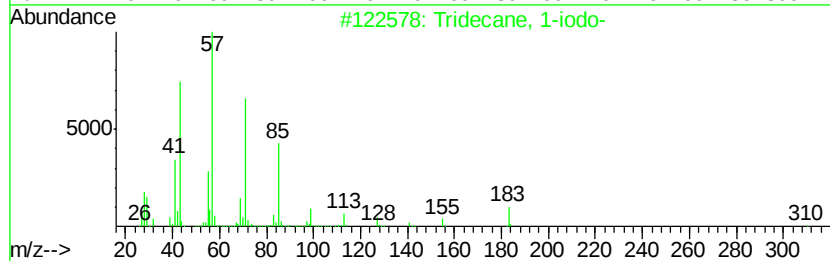
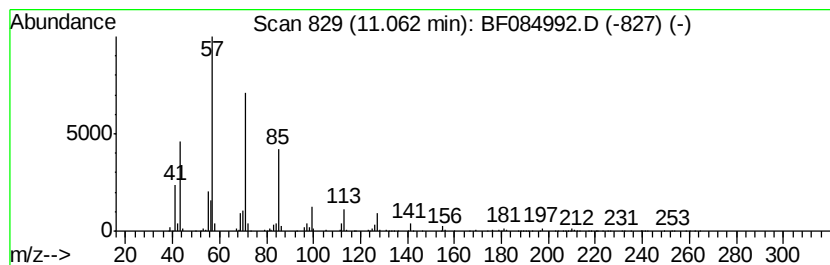
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	22.47 ng	1066320	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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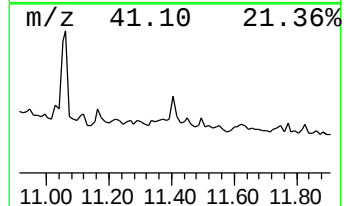
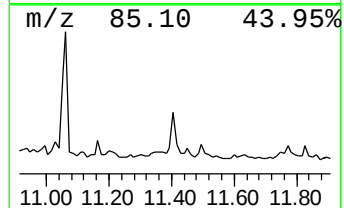
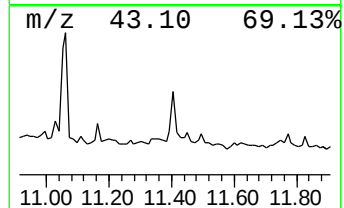
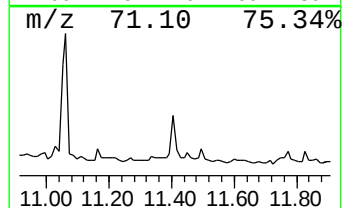
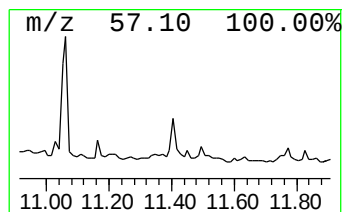
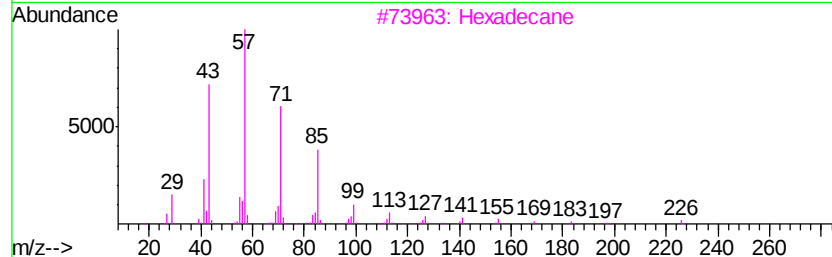
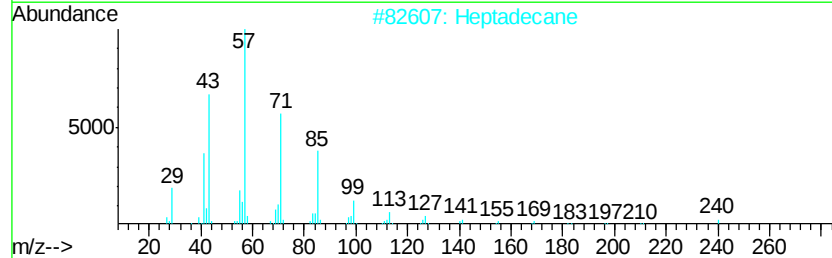
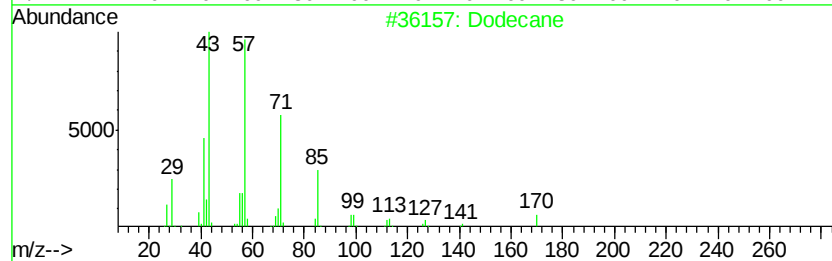
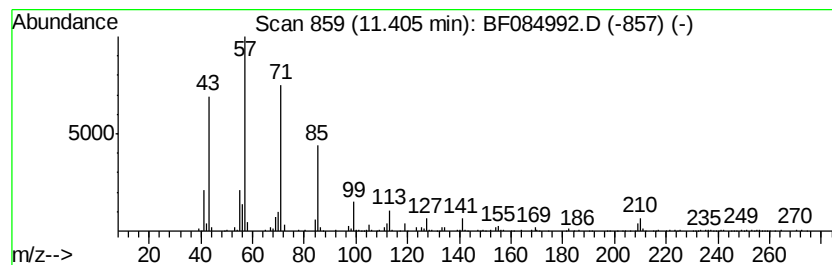
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.41	5.82 ng	275969	Phenanthrene-d10		11.14
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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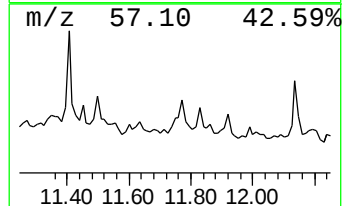
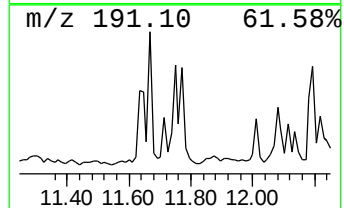
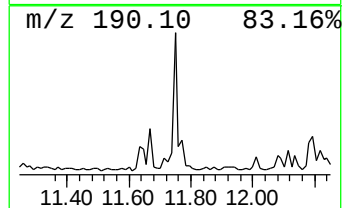
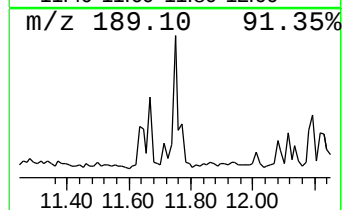
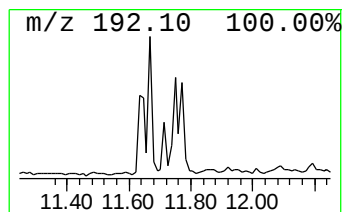
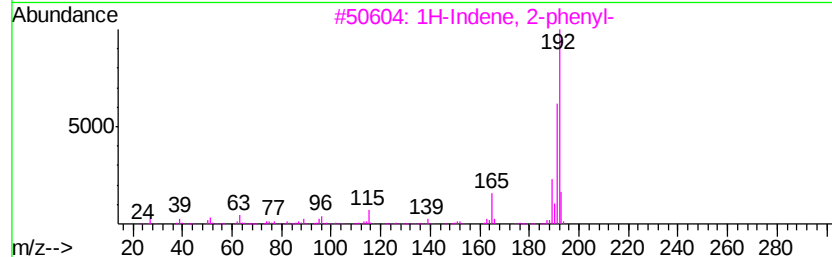
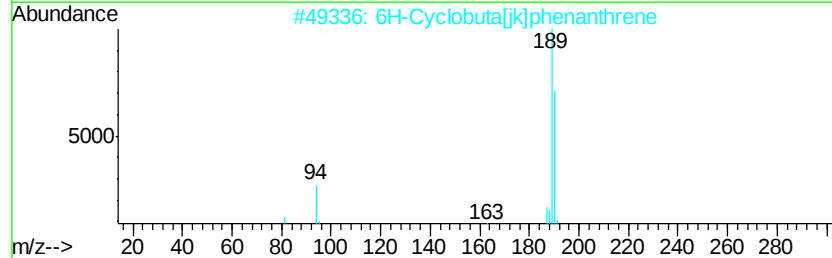
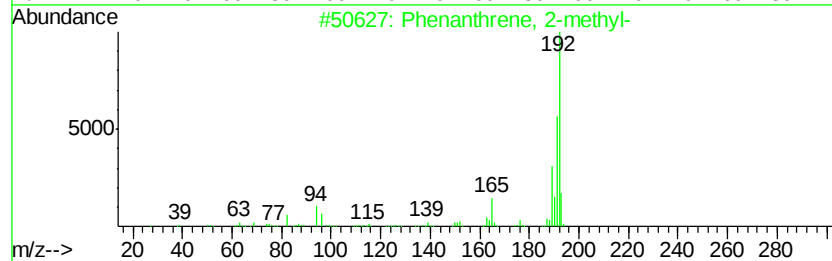
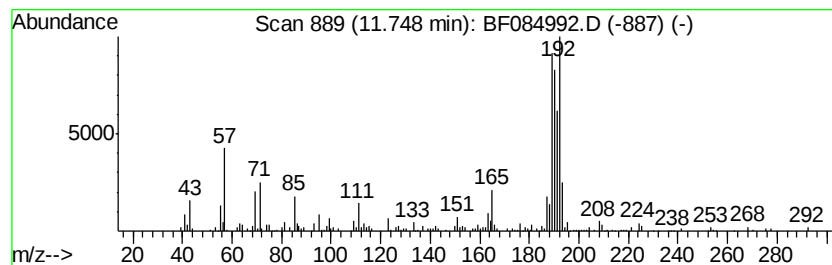
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.75	9.98 ng	473392	Phenanthrene-d10		11.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	43
4		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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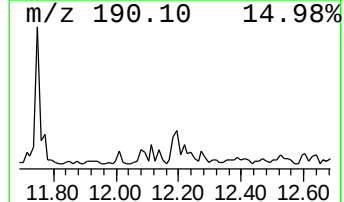
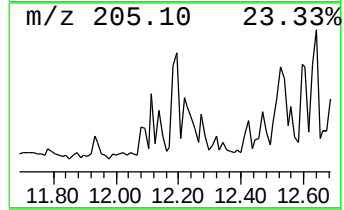
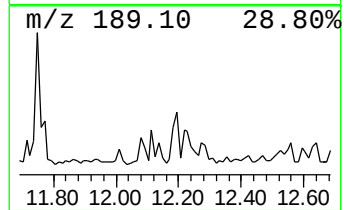
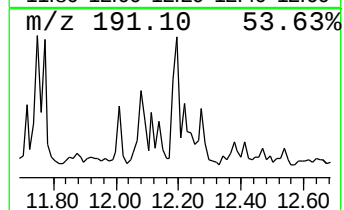
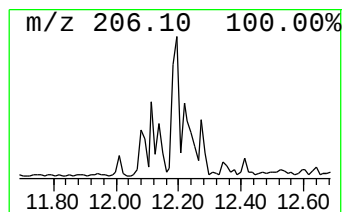
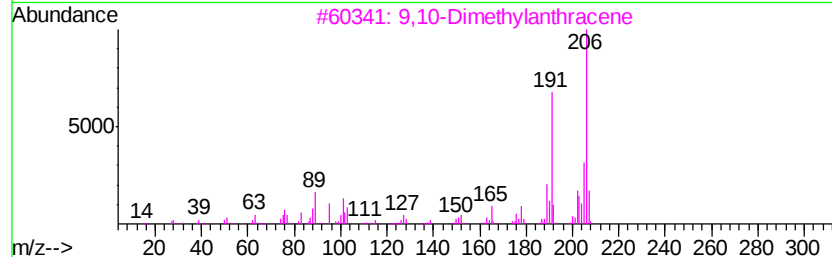
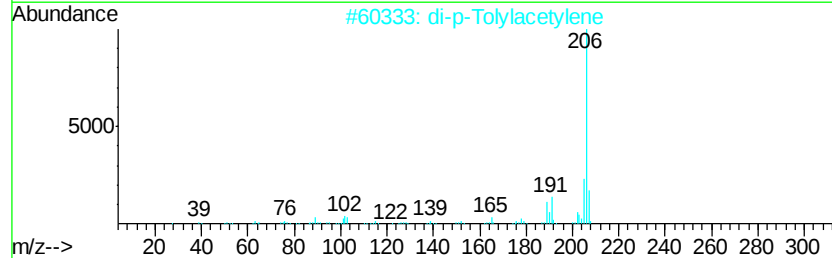
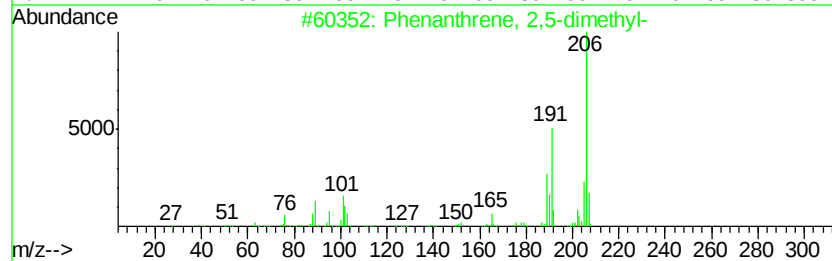
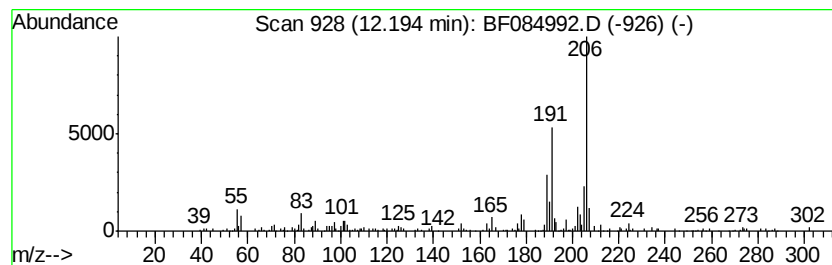
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	8.41 ng	399039	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084992.D
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Operator : SJ/IZ
Sample : H1392-05 5X
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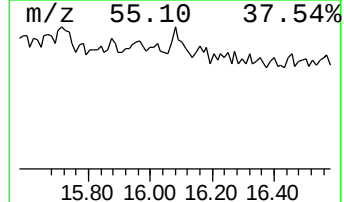
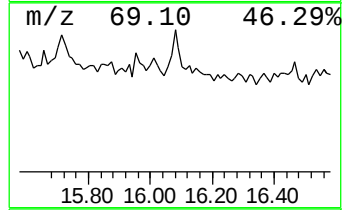
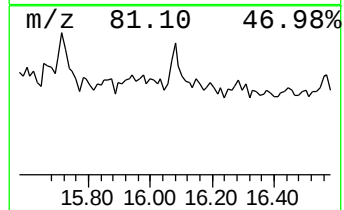
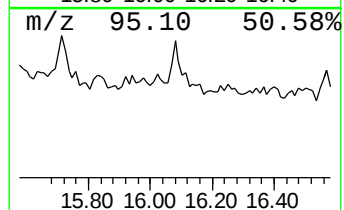
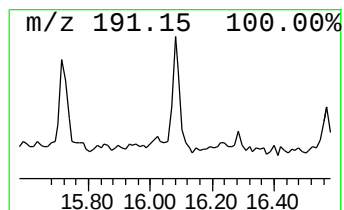
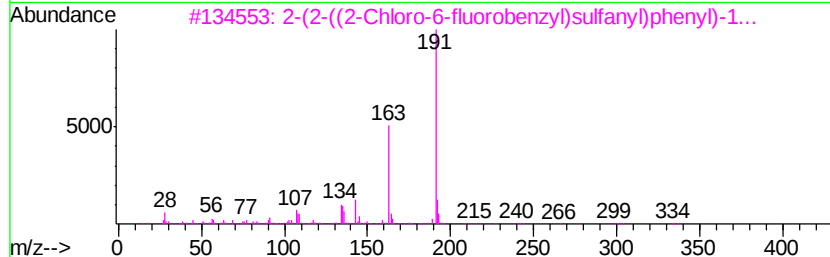
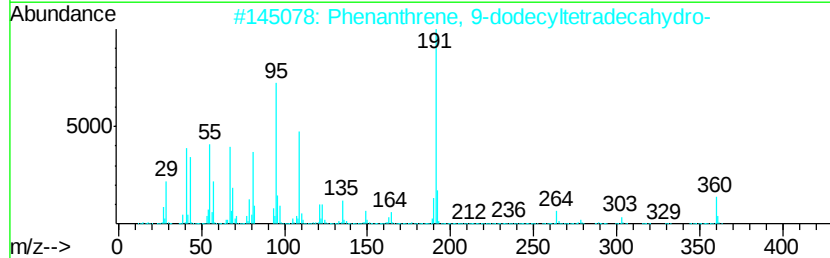
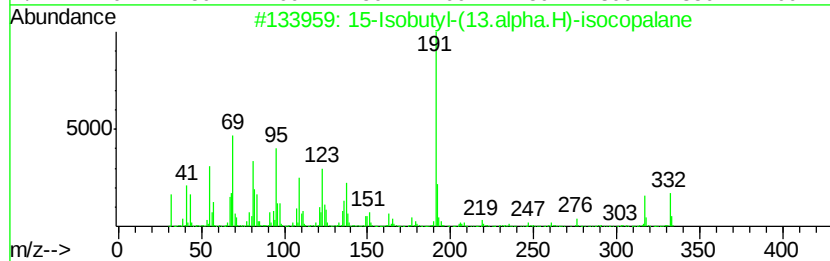
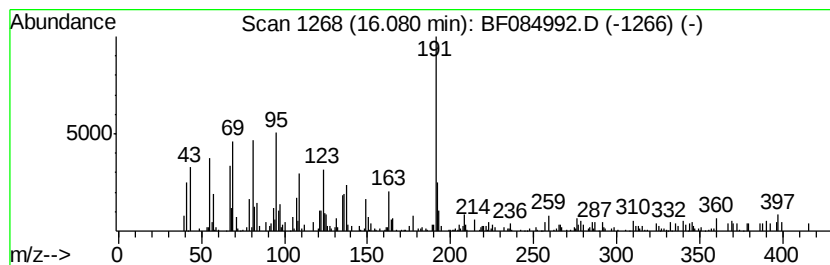
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 15-Isobutyl-(13.alpha.H)-is... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.			
16.08	5.38 ng	191883	Perylene-d12	15.13			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	72		
2	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	49		
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	38		
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38		
5	Phenanthrene, 2-dodecyltetradeca...	360	C26H48	055334-22-0	38		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084992.D
 Acq On : 10 Feb 2016 14:48
 Operator : SJ/IZ
 Sample : H1392-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-7E-(0-2)B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.74	5.5	ng	250640	1	6.62	913623	20.0
unknown6.39	6.39	20.6	ng	942868	1	6.62	913623	20.0
Undecane, 2,6-dim...	7.99	5.2	ng	339041	2	7.91	1305330	20.0
Decane, 5,6-dipro...	8.35	16.4	ng	1070740	2	7.91	1305330	20.0
Tridecane, 6-methyl-	8.62	6.6	ng	432570	2	7.91	1305330	20.0
1-Pentadecanol	9.07	10.3	ng	820554	3	9.66	1586730	20.0
unknown9.13	9.13	4.7	ng	373787	3	9.66	1586730	20.0
Naphthalene, 1,6,...	9.87	5.2	ng	415076	3	9.66	1586730	20.0
unknown9.93	9.93	6.3	ng	495657	3	9.66	1586730	20.0
Pentadecane, 2,6,...	10.33	13.9	ng	1105980	3	9.66	1586730	20.0
Pentadecane, 2,6,...	10.59	35.6	ng	1688300	4	11.14	949012	20.0
9H-Fluorene, 9-me...	10.78	6.1	ng	291249	4	11.14	949012	20.0
Tridecane, 1-iodo-	11.06	22.5	ng	1066320	4	11.14	949012	20.0
Dodecane	11.41	5.8	ng	275969	4	11.14	949012	20.0
Phenanthrene, 2-m...	11.75	10.0	ng	473392	4	11.14	949012	20.0
Phenanthrene, 2,5...	12.19	8.4	ng	399039	4	11.14	949012	20.0
15-Isobutyl-(13.a...	16.08	5.4	ng	191883	6	15.13	713259	20.0