

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093215.D
 Acq On : 27 Feb 2017 20:12
 Operator : SJ/MA
 Sample : I1997-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB6-BASE

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.173	92	95	104	rBV	19219	82376	1.47%	0.131%
2	4.990	251	254	266	rVB	1341400	2254172	40.32%	3.595%
3	5.424	290	292	295	rBV	3798403	4858849	86.92%	7.749%
4	6.407	376	378	380	rBV2	59869	70132	1.25%	0.112%
5	6.476	380	384	386	rBV	4096225	5590225	100.00%	8.915%
6	6.590	391	394	396	rVV	4595507	4655049	83.27%	7.424%
7	6.647	396	399	402	rVB2	101549	150076	2.68%	0.239%
8	6.819	411	414	416	rBV	849198	982295	17.57%	1.567%
9	6.967	425	427	430	rBV	2969651	3666750	65.59%	5.848%
10	7.093	435	438	439	rVV2	77832	104785	1.87%	0.167%
11	7.139	439	442	446	rVB2	29785	73776	1.32%	0.118%
12	7.207	446	448	449	rBV	46044	56098	1.00%	0.089%
13	7.253	449	452	454	rVV	68959	109976	1.97%	0.175%
14	7.299	454	456	458	rVV	124084	240985	4.31%	0.384%
15	7.390	460	464	465	rVV	2965141	3671046	65.67%	5.855%
16	7.413	465	466	468	rVB	168416	134901	2.41%	0.215%
17	7.596	478	482	483	rBV3	22222	57940	1.04%	0.092%
18	7.745	491	495	496	rVV4	63641	109657	1.96%	0.175%
19	7.768	496	497	500	rVV2	135760	195825	3.50%	0.312%
20	7.848	500	504	506	rVV3	60555	162453	2.91%	0.259%
21	7.893	506	508	512	rVV2	123322	224592	4.02%	0.358%
22	7.962	512	514	517	rVV2	45438	75008	1.34%	0.120%
23	8.053	520	522	523	rVV	68606	96006	1.72%	0.153%
24	8.099	523	526	530	rVV2	1479903	1970503	35.25%	3.143%
25	8.168	530	532	535	rVB3	69097	116880	2.09%	0.186%
26	8.339	545	547	549	rBV	43841	62152	1.11%	0.099%
27	8.385	549	551	555	rVB4	46760	106431	1.90%	0.170%
28	8.476	555	559	561	rBV4	72596	166692	2.98%	0.266%
29	8.522	561	563	568	rBV2	124113	196805	3.52%	0.314%
30	8.693	576	578	580	rBV	268553	261981	4.69%	0.418%
31	8.819	587	589	590	rVB	192998	261951	4.69%	0.418%
32	8.876	590	594	595	rBV3	38784	69301	1.24%	0.111%
33	8.910	595	597	599	rVB	241784	226922	4.06%	0.362%
34	9.002	601	605	608	rBV4	44054	132565	2.37%	0.211%

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35	9.048	608	609	611	rVB2	56988	69249	1.24%	0.110%
36	9.116	614	615	617	rVB2	76866	104688	1.87%	0.167%
37	9.185	617	621	623	rBV	4072678	5475973	97.96%	8.733%
38	9.253	625	627	630	rBV2	264938	355683	6.36%	0.567%
39	9.379	635	638	641	rVB	57246	95177	1.70%	0.152%
40	9.436	641	643	645	rBV	157967	240096	4.29%	0.383%
41	9.516	647	650	651	rVV	238391	294431	5.27%	0.470%
42	9.573	653	655	658	rVV	1061640	1187464	21.24%	1.894%
43	9.631	659	660	662	rVV	100612	111071	1.99%	0.177%
44	9.711	665	667	670	rBV3	64078	78982	1.41%	0.126%
45	9.791	670	674	676	rBV	266634	321090	5.74%	0.512%
46	9.859	676	680	681	rBV	1355663	1575846	28.19%	2.513%
47	9.882	681	682	684	rVV	211501	266002	4.76%	0.424%
48	9.962	687	689	691	rVB	100717	123946	2.22%	0.198%
49	10.008	691	693	695	rBV3	44817	88346	1.58%	0.141%
50	10.053	695	697	700	rVV	175042	284584	5.09%	0.454%
51	10.099	700	701	703	rVV2	121640	133616	2.39%	0.213%
52	10.168	706	707	709	rBV	64653	82675	1.48%	0.132%
53	10.202	709	710	713	rVB2	70363	57873	1.04%	0.092%
54	10.259	713	715	716	rBV	92618	118502	2.12%	0.189%
55	10.282	716	717	719	rVB	258903	274601	4.91%	0.438%
56	10.396	725	727	731	rVV3	159192	251084	4.49%	0.400%
57	10.511	734	737	740	rVV2	128650	216081	3.87%	0.345%
58	10.556	740	741	743	rVB	61966	56446	1.01%	0.090%
59	10.648	746	749	752	rVV2	2259957	3041032	54.40%	4.850%
60	10.762	756	759	762	rBV	361911	538325	9.63%	0.859%
61	10.945	773	775	777	rBV2	50286	87994	1.57%	0.140%
62	10.979	777	778	780	rVB	67164	56245	1.01%	0.090%
63	11.082	785	787	791	rVB5	40009	75341	1.35%	0.120%
64	11.208	795	798	799	rBV	305630	287329	5.14%	0.458%
65	11.231	799	800	804	rVB	142969	215059	3.85%	0.343%
66	11.345	807	810	814	rBV2	1508877	2201252	39.38%	3.511%
67	11.414	814	816	818	rVB	78252	93626	1.67%	0.149%
68	11.574	826	830	833	rVV3	66082	141081	2.52%	0.225%
69	11.631	833	835	837	rVV	224911	206470	3.69%	0.329%
70	11.836	851	853	855	rBV	61371	99542	1.78%	0.159%
71	11.871	855	856	859	rVV2	138131	222961	3.99%	0.356%

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72	11.974	861	865	867 rVB2	144708	300248	5.37%	0.479%
73	12.042	869	871	873 rBV2	167409	279025	4.99%	0.445%
74	12.077	873	874	876 rVB	287536	256881	4.60%	0.410%
75	12.191	881	884	887 rVB	436661	454814	8.14%	0.725%
76	12.282	890	892	894 rVB	1038638	914385	16.36%	1.458%
77	12.397	900	902	903 rBV2	45242	63854	1.14%	0.102%
78	12.431	903	905	908 rVB	112375	140166	2.51%	0.224%
79	12.557	913	916	917 rBV	425609	395475	7.07%	0.631%
80	12.591	917	919	921 rVB	222589	192015	3.43%	0.306%
81	12.785	932	936	939 rBV	318293	432458	7.74%	0.690%
82	12.934	946	949	951 rVB	4177544	4560945	81.59%	7.274%
83	13.059	958	960	962 rVB	310004	281576	5.04%	0.449%
84	13.117	962	965	967 rBV	43353	64624	1.16%	0.103%
85	13.345	983	985	988 rBV2	21975	56225	1.01%	0.090%
86	13.734	1015	1019	1022 rBV5	27807	88370	1.58%	0.141%
87	13.825	1024	1027	1032 rVB	363997	514140	9.20%	0.820%
88	13.985	1038	1041	1042 rBV	1370203	1522185	27.23%	2.428%
89	14.008	1042	1043	1045 rVB	111762	81384	1.46%	0.130%
90	14.237	1060	1063	1067 rBV2	69227	154152	2.76%	0.246%
91	14.454	1079	1082	1086 rBV4	61838	134686	2.41%	0.215%
92	15.003	1128	1130	1134 rBV	64102	130469	2.33%	0.208%
93	15.414	1163	1166	1168 rBV	739088	1110443	19.86%	1.771%
94	15.883	1204	1207	1210 rBV3	28314	63326	1.13%	0.101%
95	16.294	1241	1243	1249 rVB3	26385	69590	1.24%	0.111%
96	17.323	1330	1333	1339 rVB6	37720	117711	2.11%	0.188%

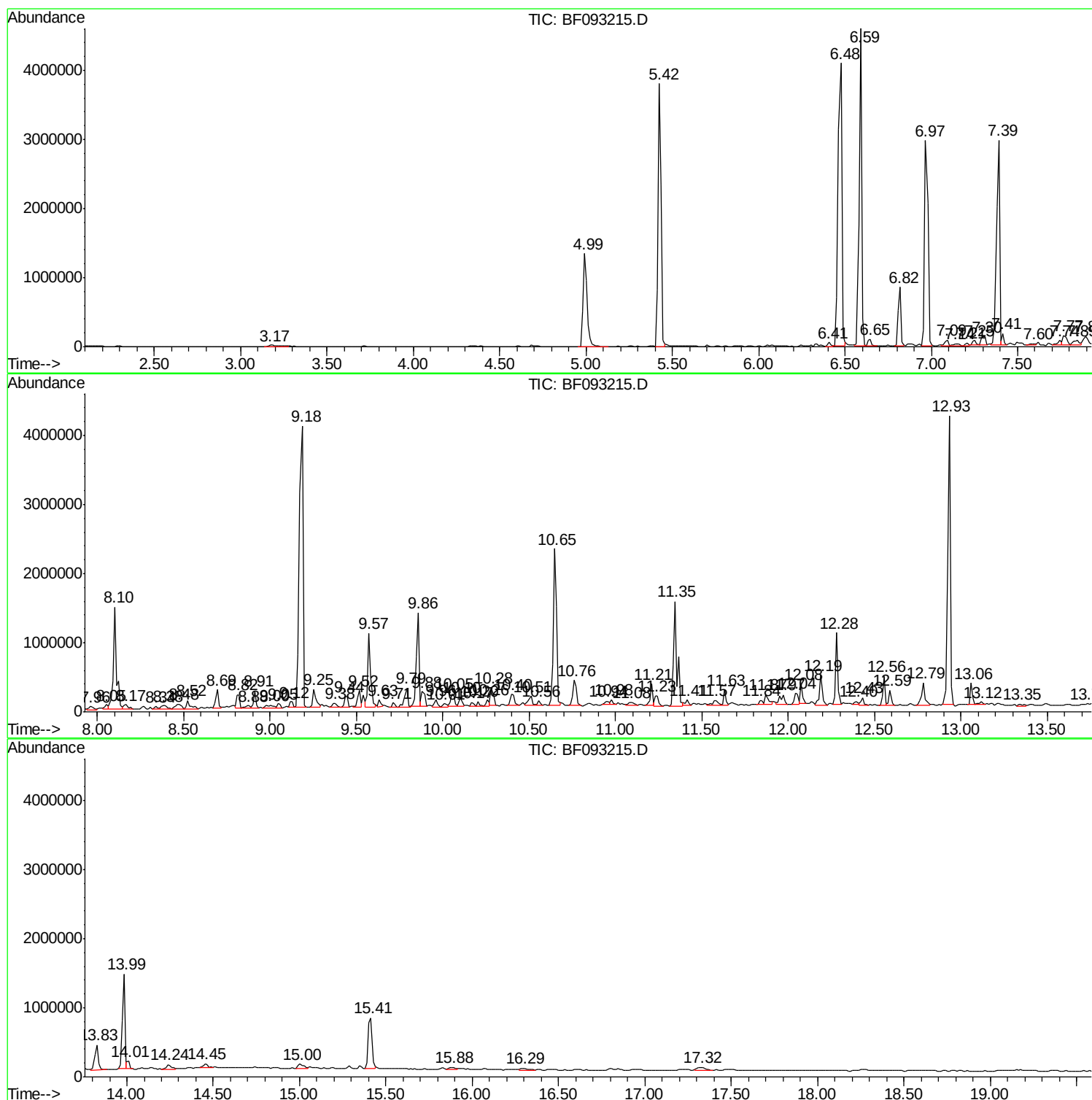
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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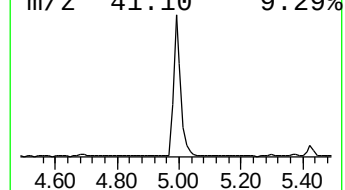
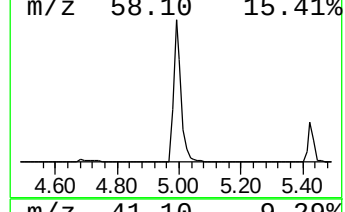
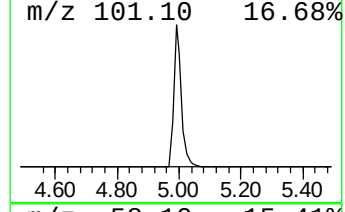
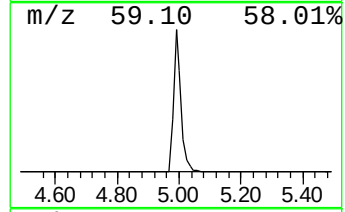
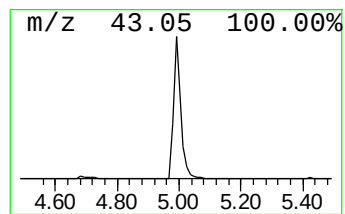
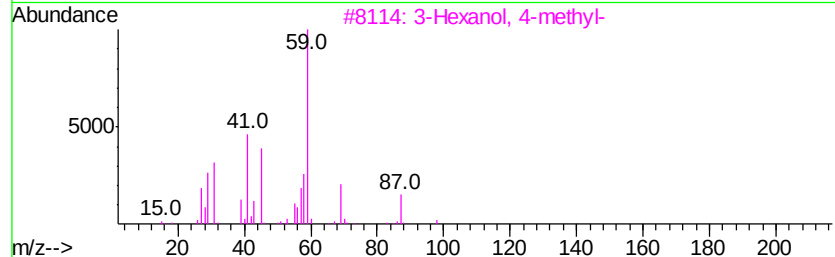
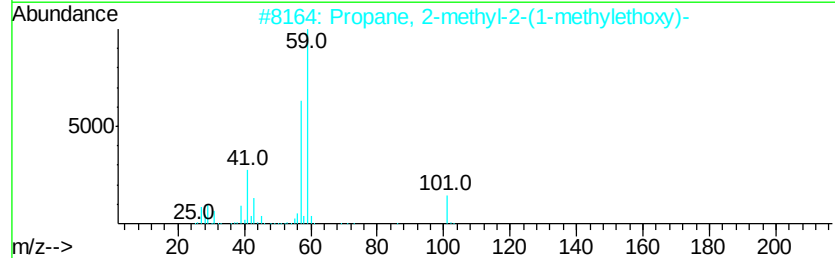
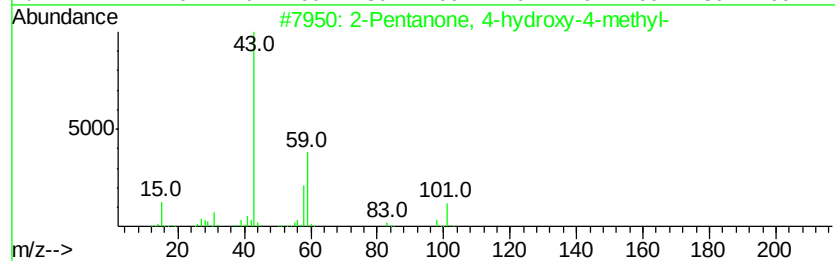
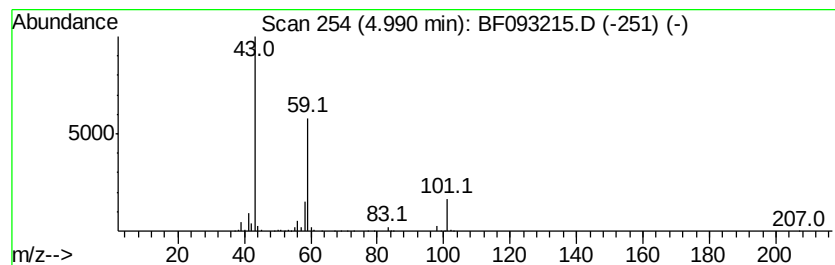
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	45.90 ng	2254170	1,4-Dichlorobenzene-d4	6.82

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



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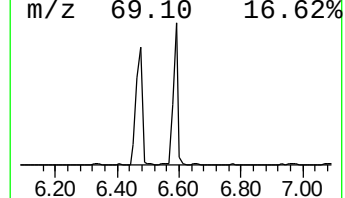
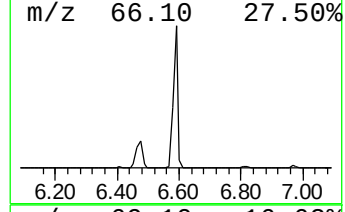
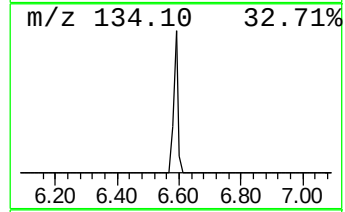
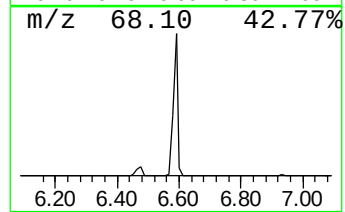
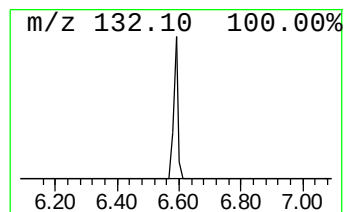
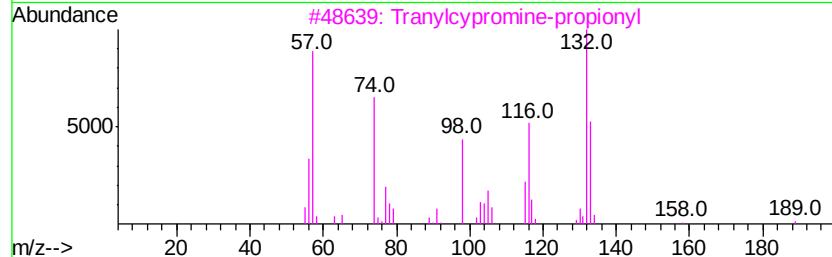
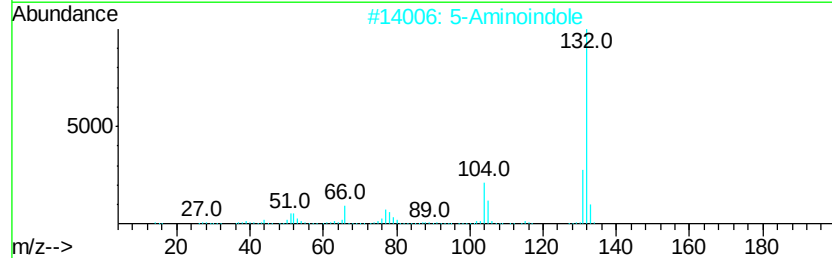
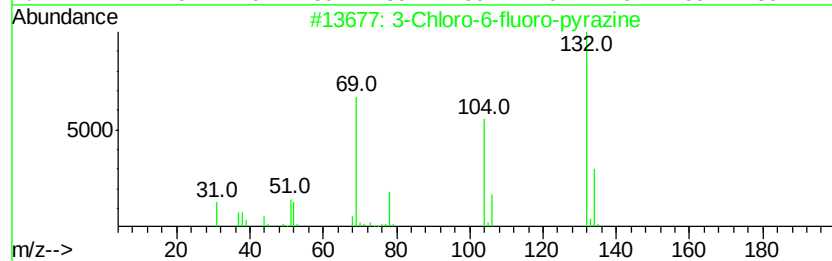
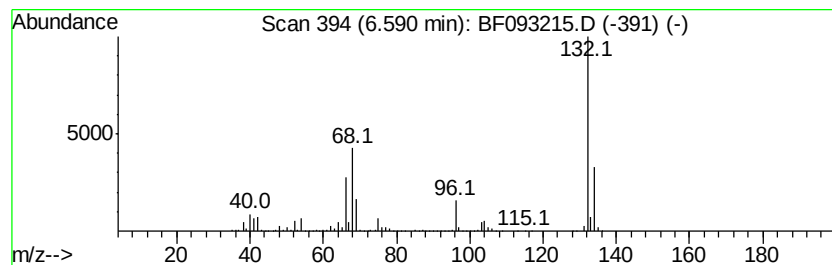
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	94.78 ng	4655050	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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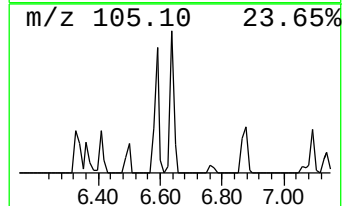
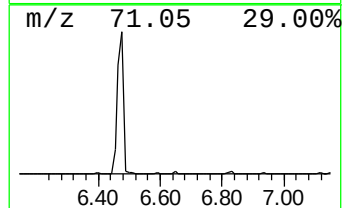
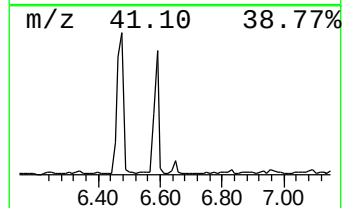
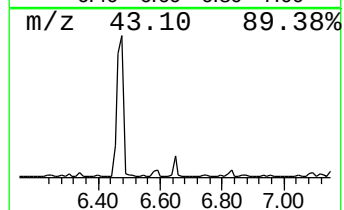
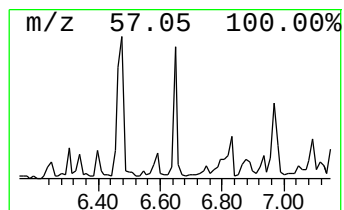
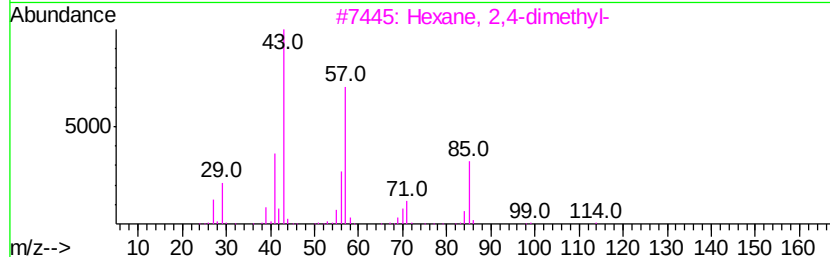
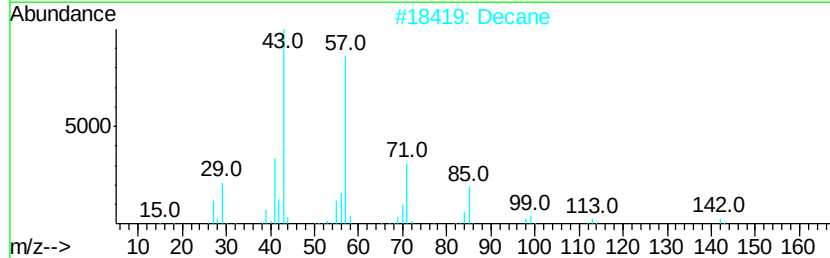
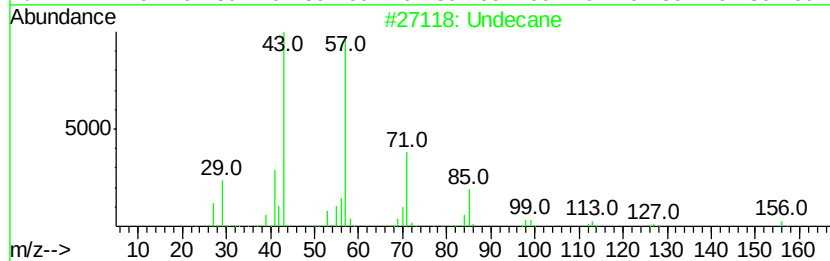
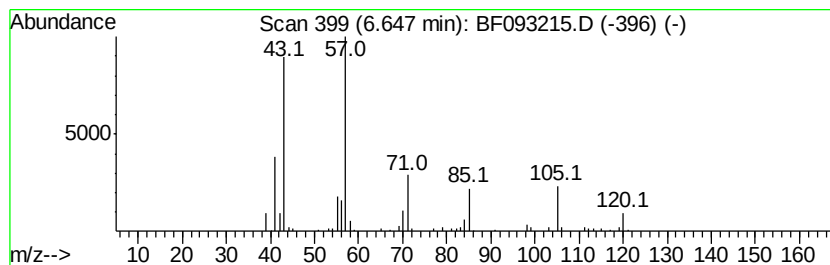
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.65	3.06 ng	150076	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	53
2	Decane	142	C10H22	000124-18-5	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
5	Octane	114	C8H18	000111-65-9	43



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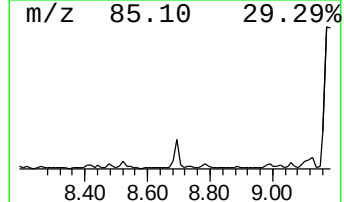
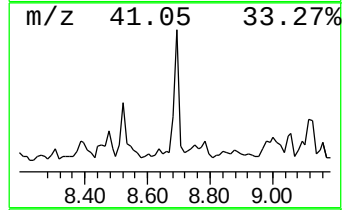
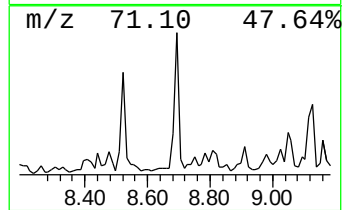
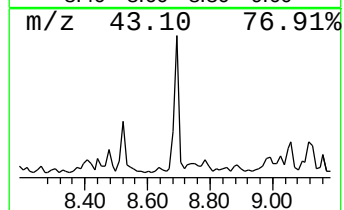
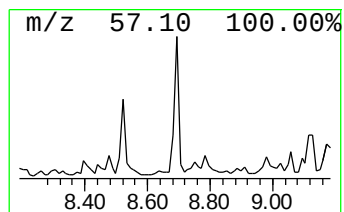
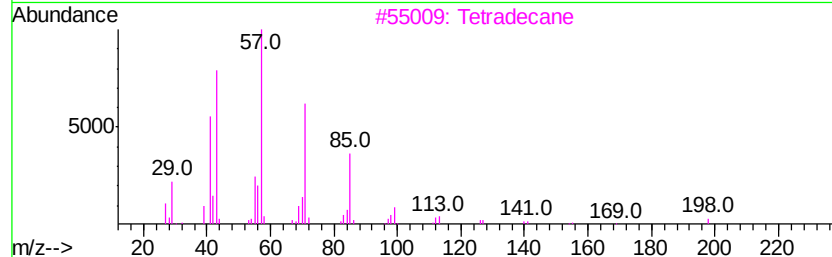
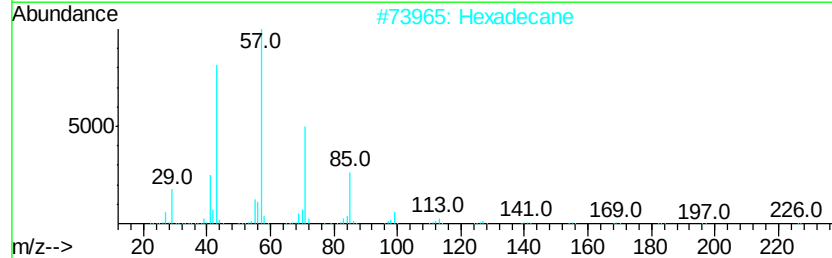
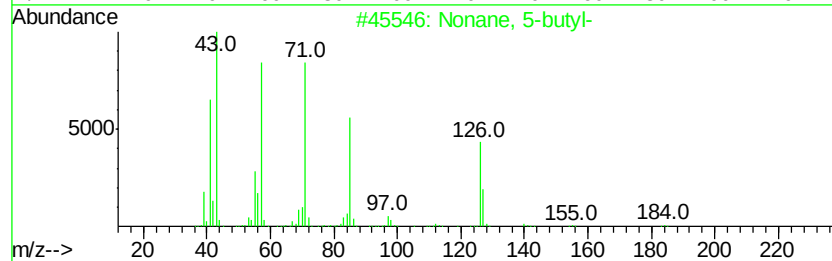
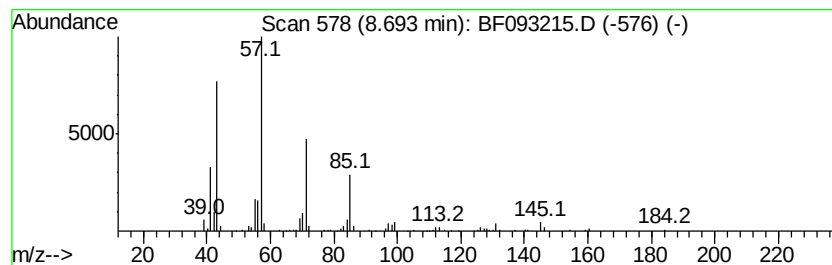
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ClientSampleId :
E2-BB6-BASE

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

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

Peak Number 5 Nonane, 5-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.66 ng	261981	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	93
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetradecane	198 C14H30	000629-59-4	72
4	Pentadecane	212 C15H32	000629-62-9	72
5	Dodecane	170 C12H26	000112-40-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

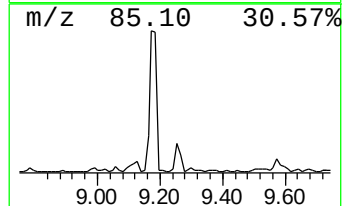
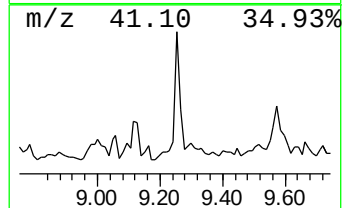
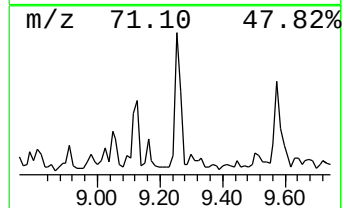
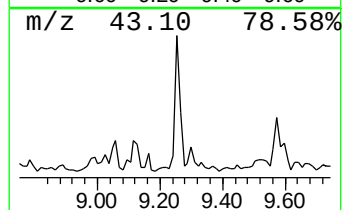
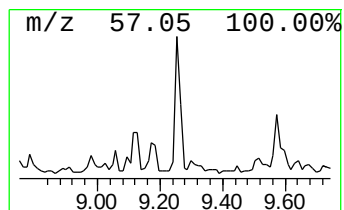
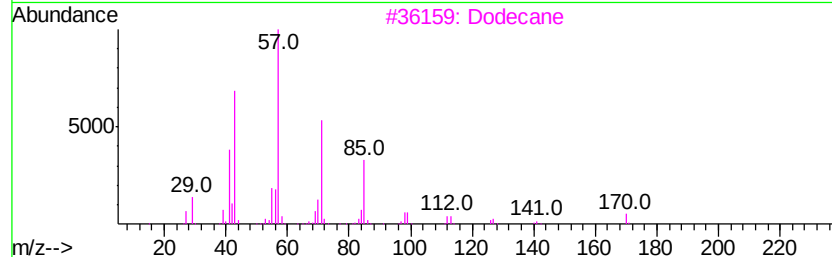
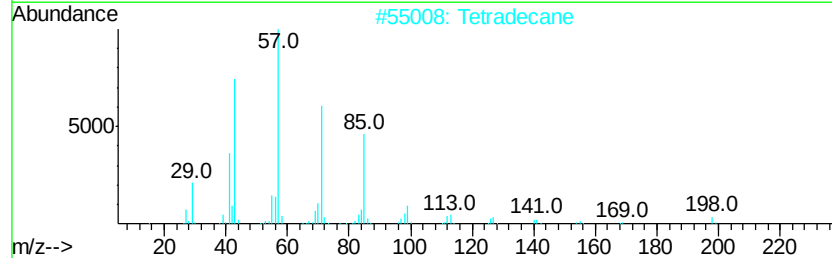
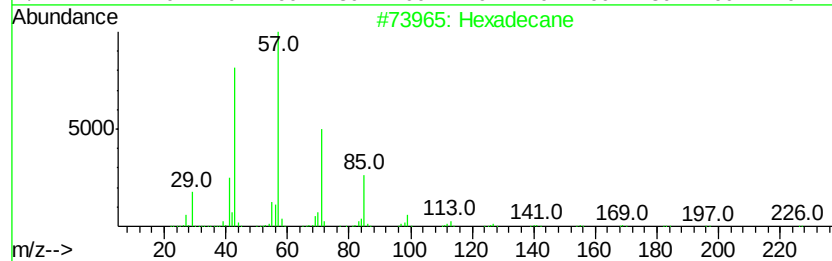
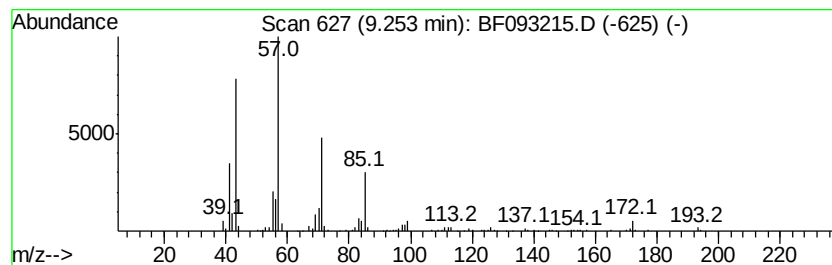
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.25	4.51 ng	355683	Acenaphthene-d10		9.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane	170	C12H26	000112-40-3	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-BB6-BASE

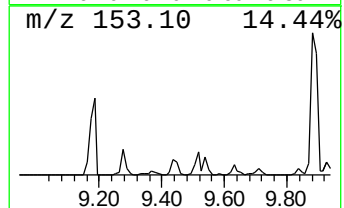
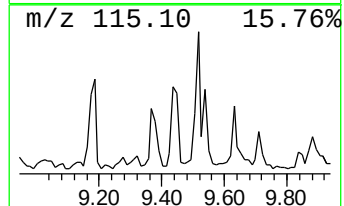
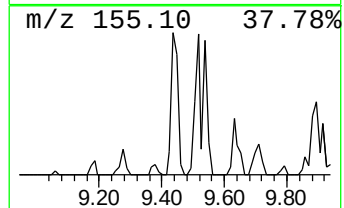
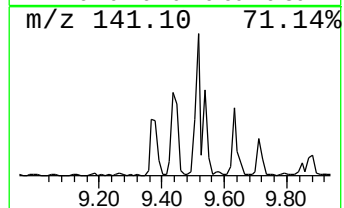
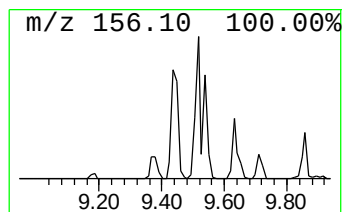
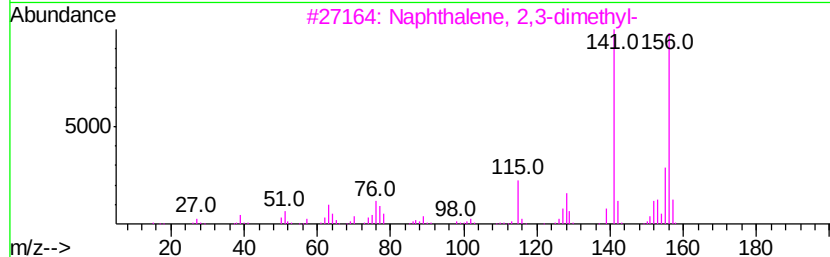
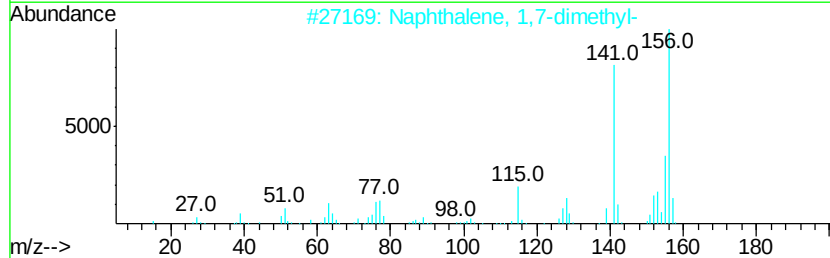
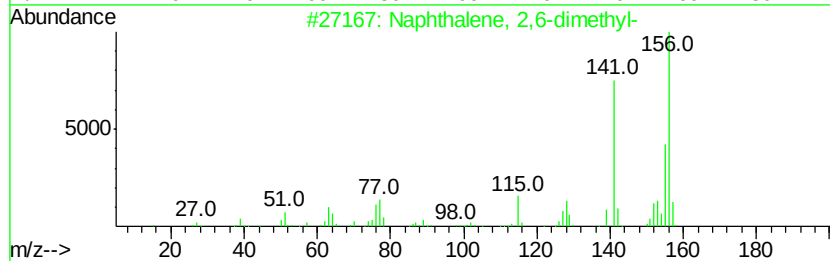
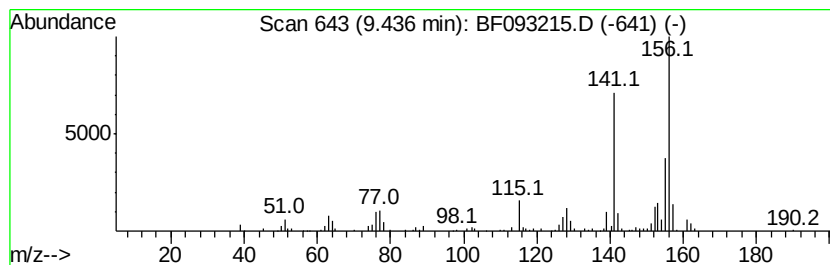
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.05 ng	240096	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

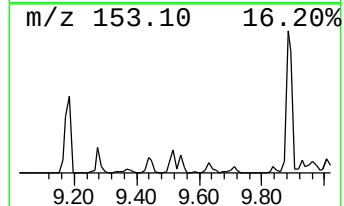
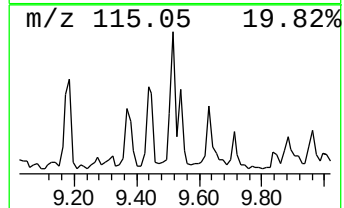
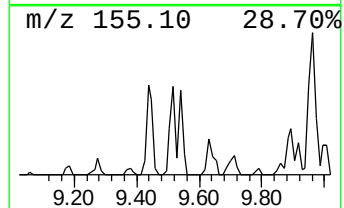
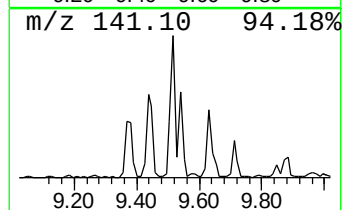
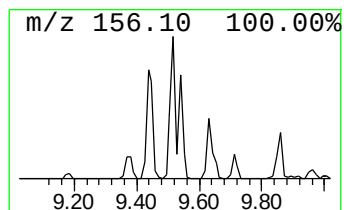
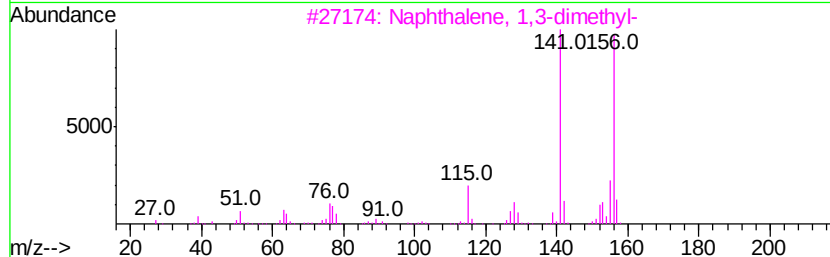
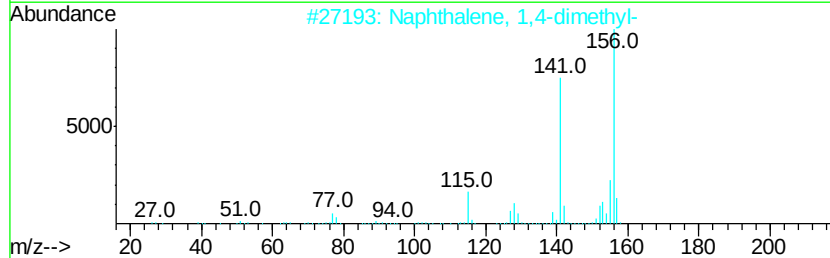
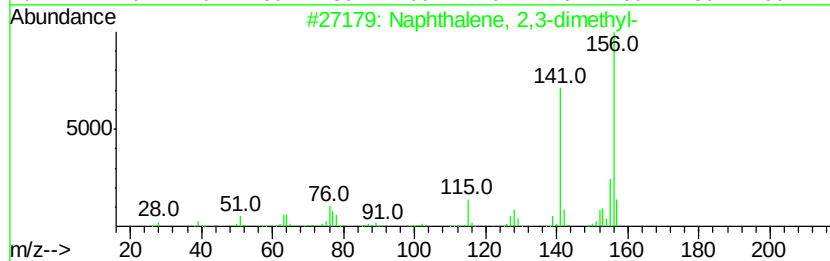
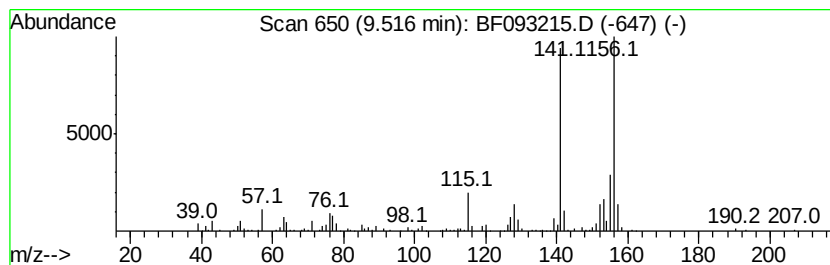
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.74 ng	294431	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
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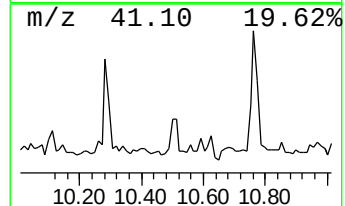
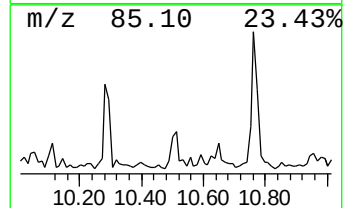
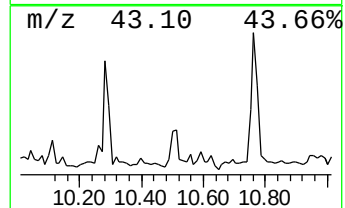
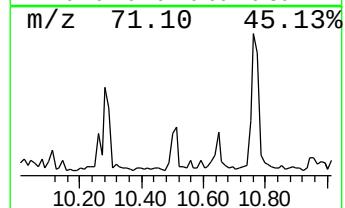
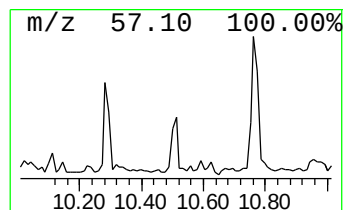
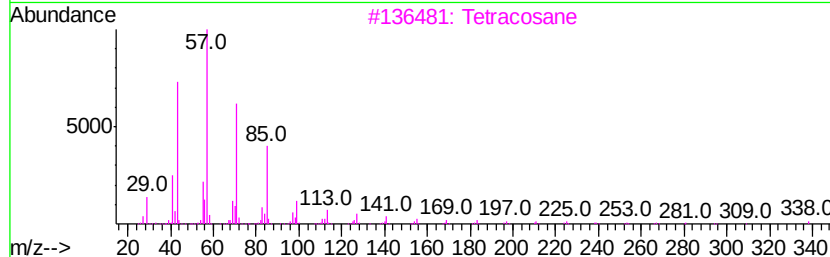
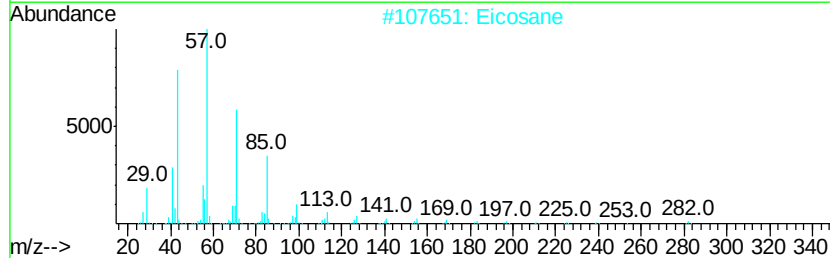
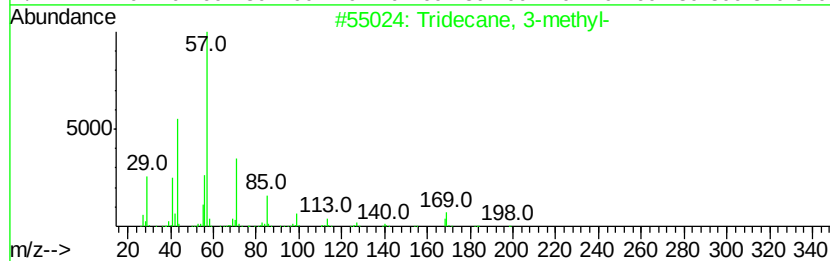
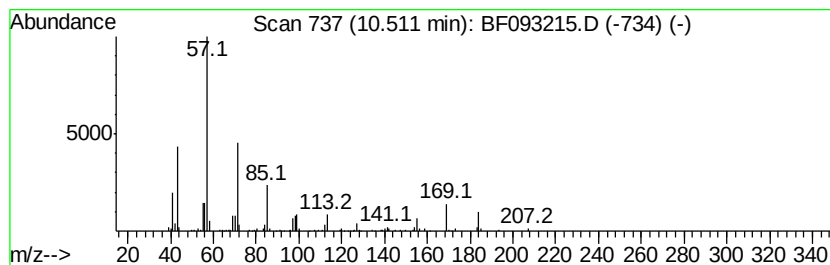
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.51	2.74 ng	216081	Acenaphthene-d10		9.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Eicosane	282	C20H42	000112-95-8	64
3	Tetracosane	338	C24H50	000646-31-1	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Octacosane	394	C28H58	000630-02-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 27 Feb 2017 20:12
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Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

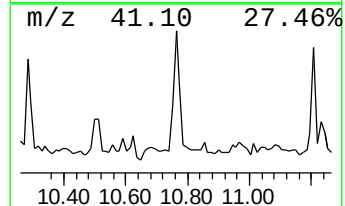
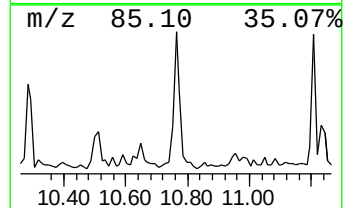
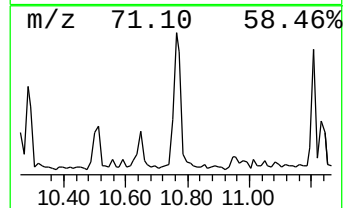
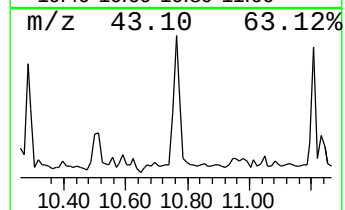
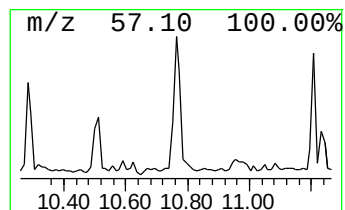
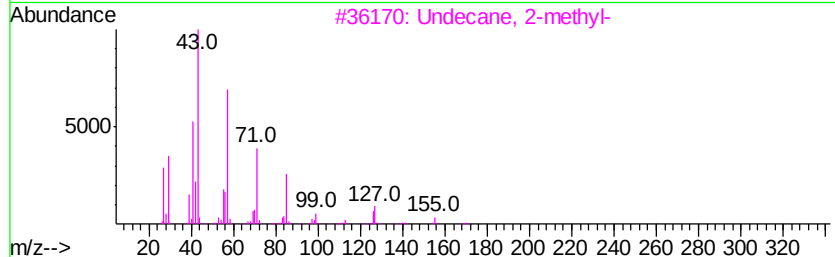
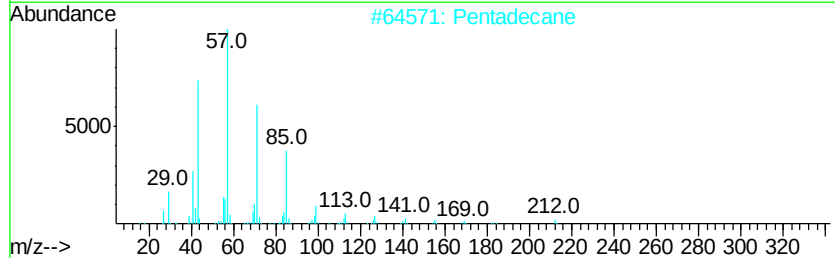
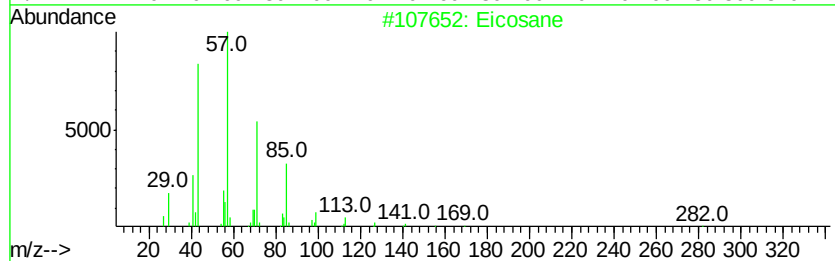
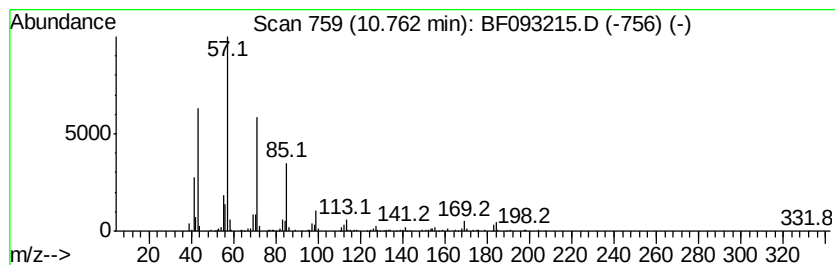
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.76	4.89 ng	538325	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Pentadecane	212	C15H32	000629-62-9	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

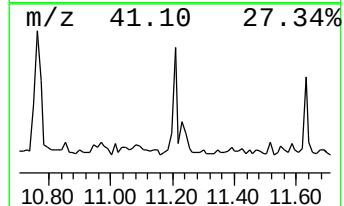
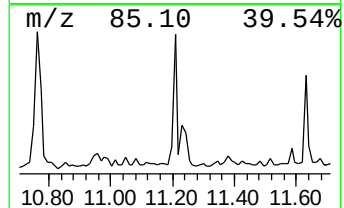
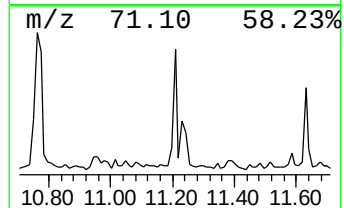
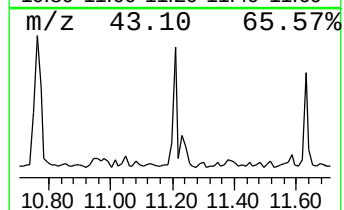
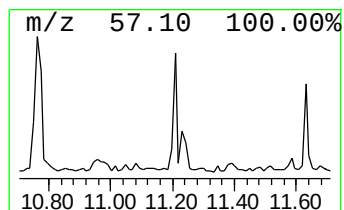
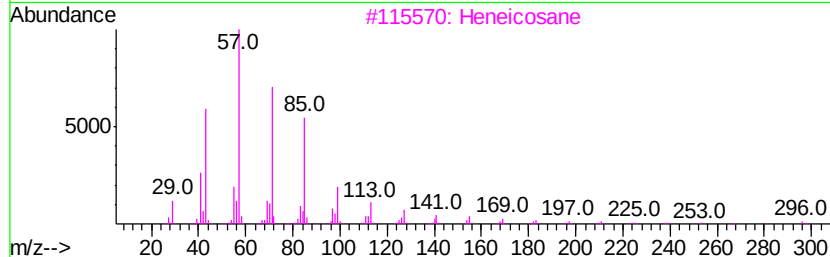
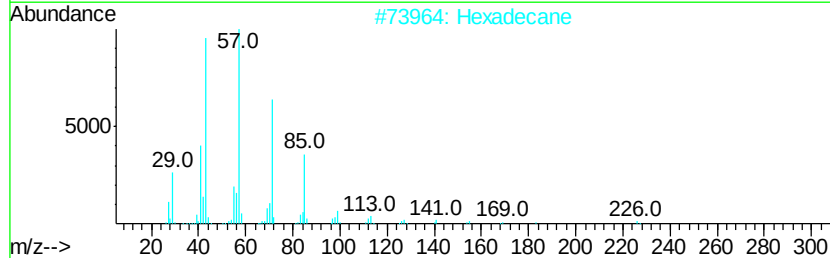
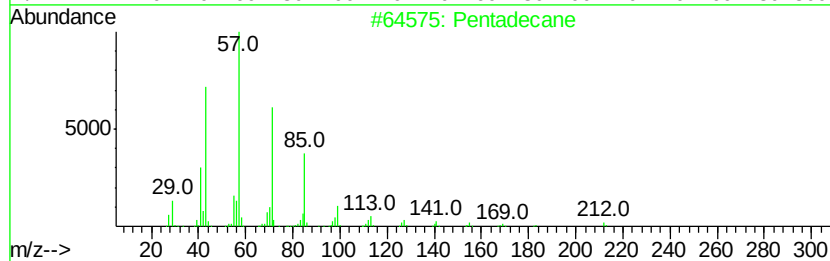
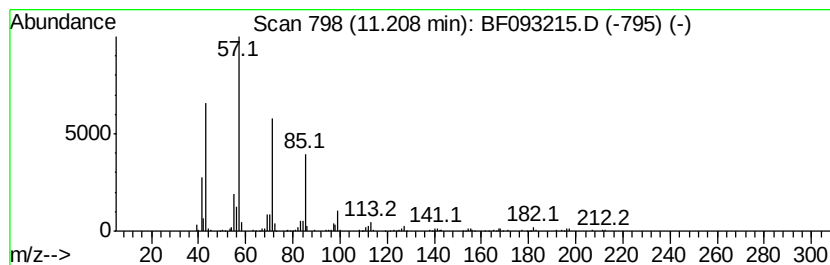
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.21	2.61 ng	287329	Phenanthrene-d10		11.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

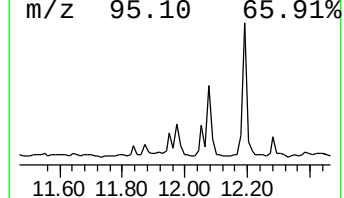
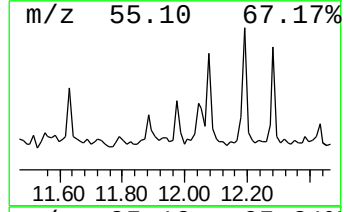
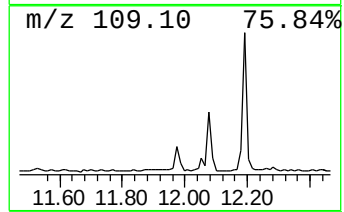
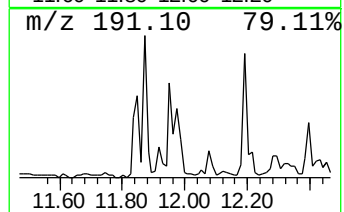
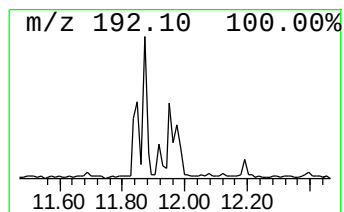
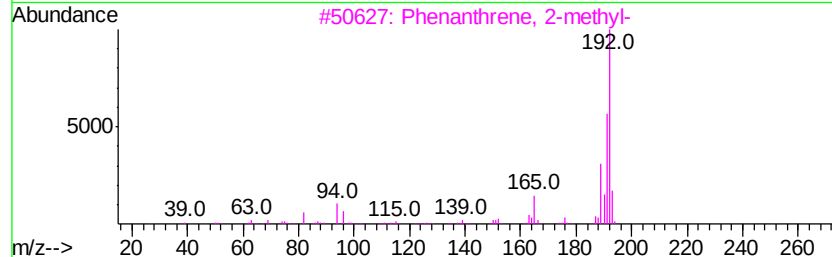
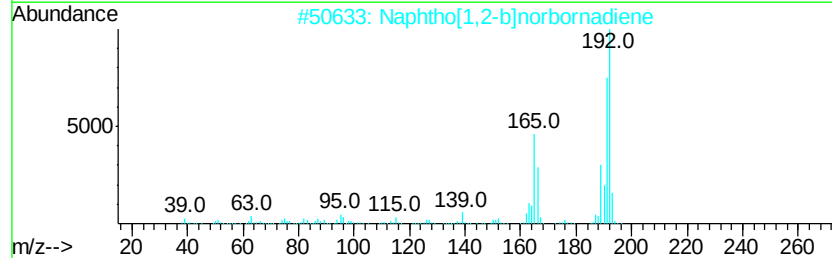
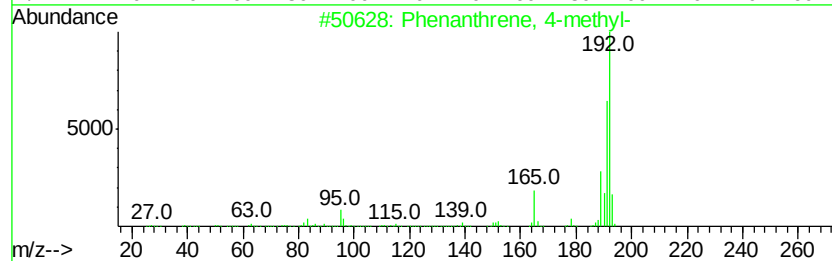
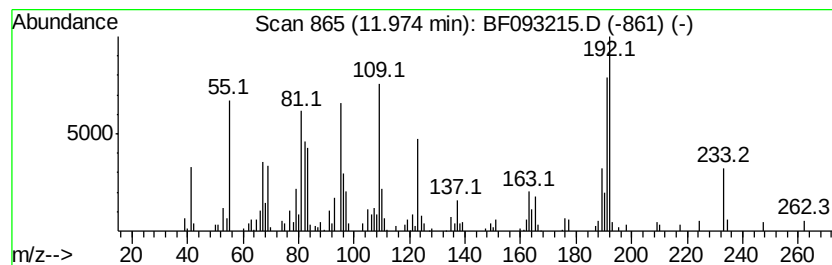
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BNA_F
ClientSampleId :
E2-BB6-BASE

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

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

Peak Number 14 unknown11.97 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	2.73 ng	300248	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
E2-BB6-BASE

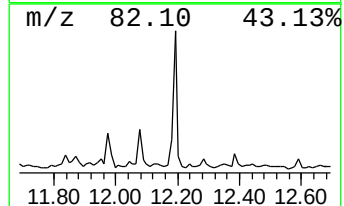
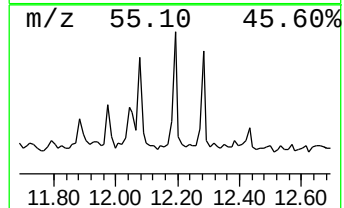
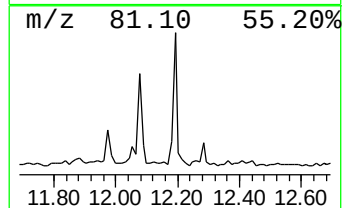
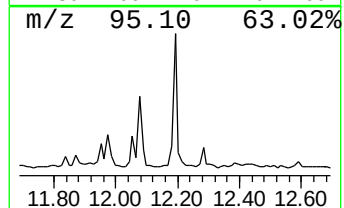
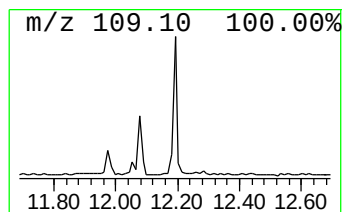
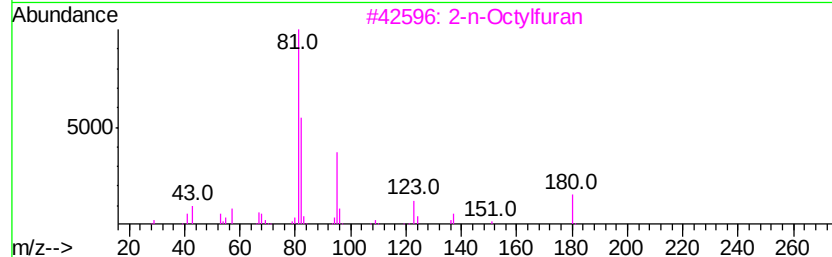
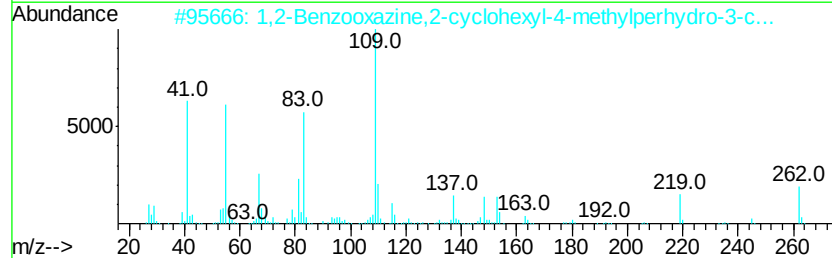
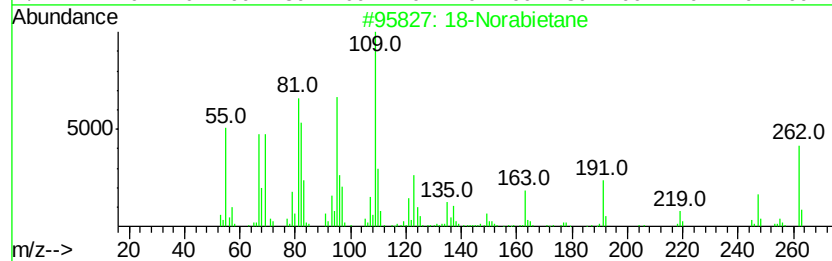
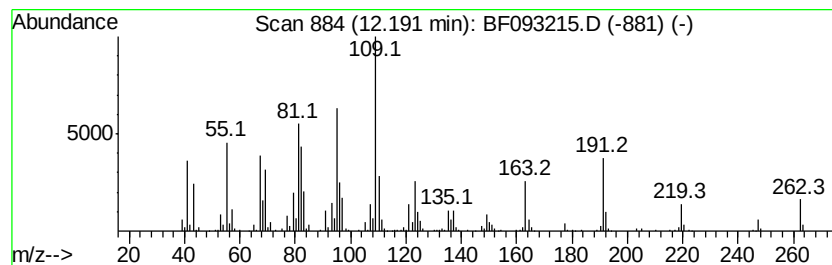
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.13 ng	454814	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	93
2		1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
3		2-n-Octylfuran	180	C12H20O	004179-38-8	27
4		Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	27
5		8-Hexadecyne	222	C16H30	019781-86-3	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

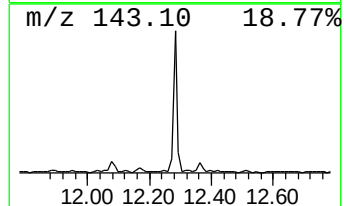
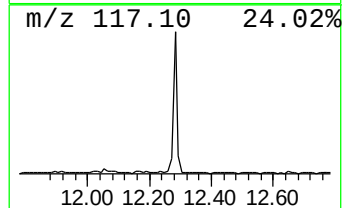
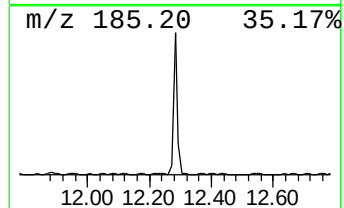
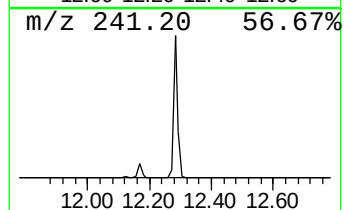
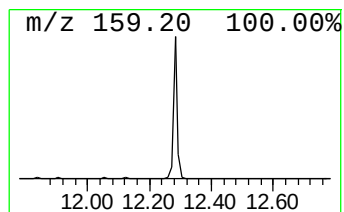
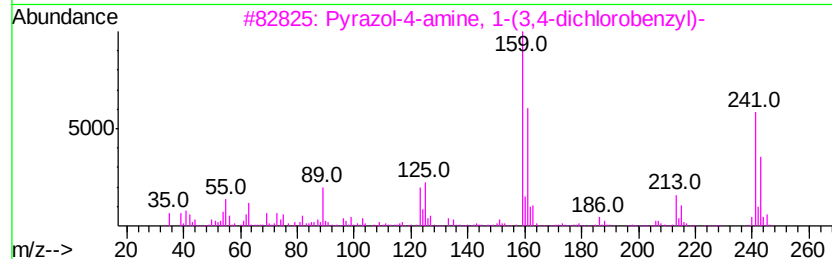
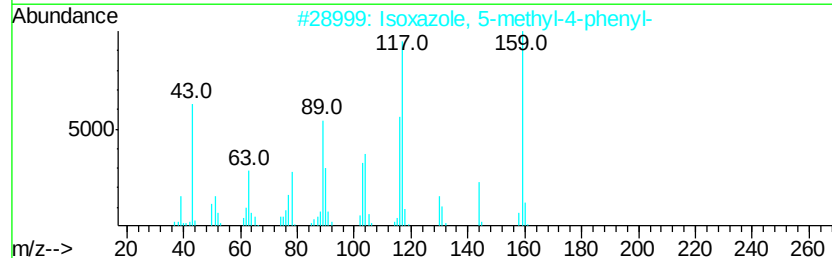
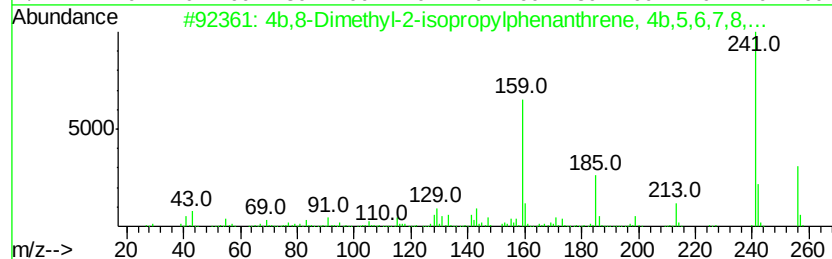
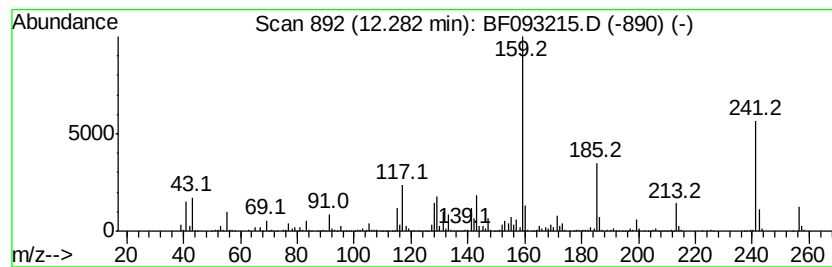
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	8.31 ng	914385	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
3		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	38
4		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
5		4-Methoxycinnamonitrile,c&t	159	C10H9NO	028446-68-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

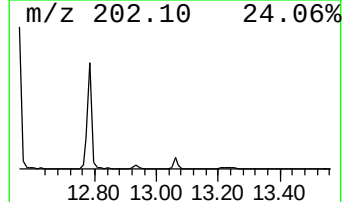
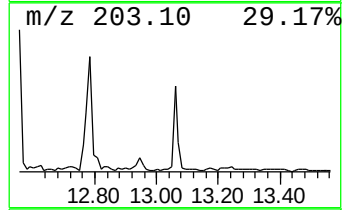
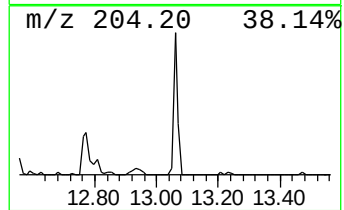
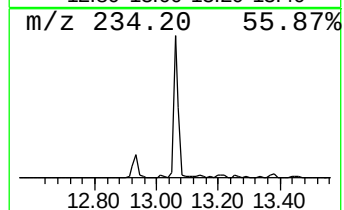
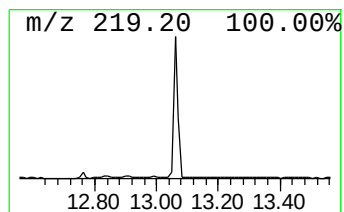
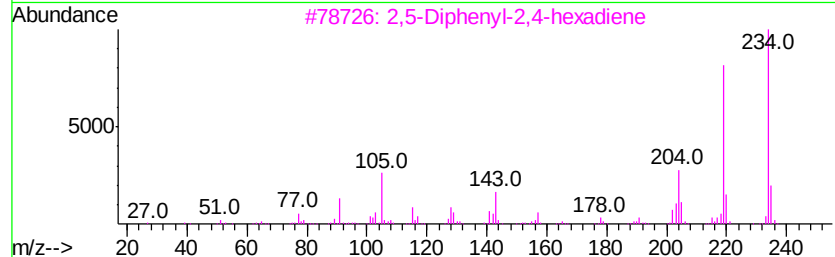
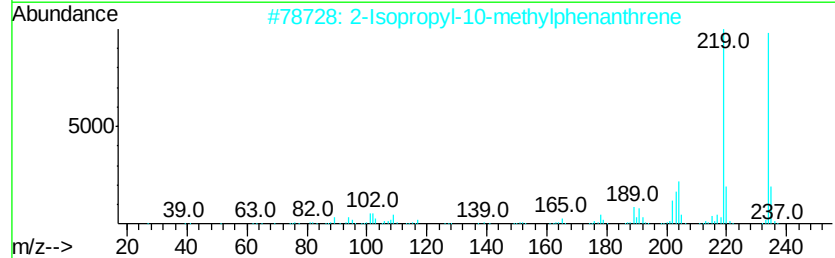
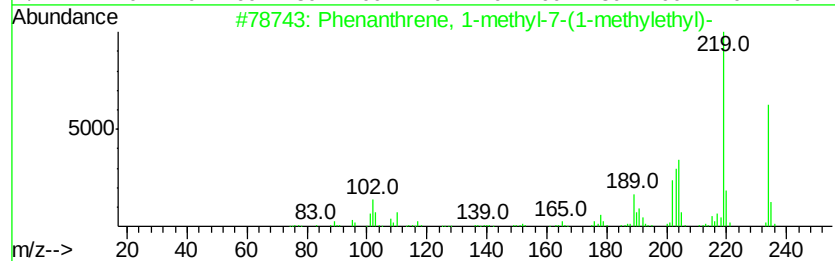
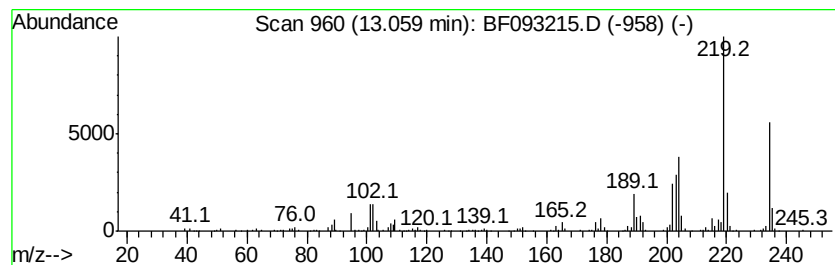
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl-7-(1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.70 ng	281576	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3		2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	72
4		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	68
5		1-(10-Methylantracen-9-yl)ethanone	234	C17H14O	036778-18-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093215.D
Acq On : 27 Feb 2017 20:12
Operator : SJ/MA
Sample : I1997-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB6-BASE

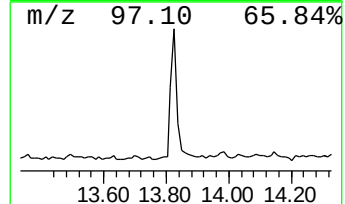
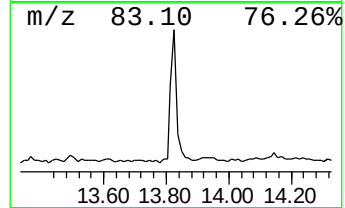
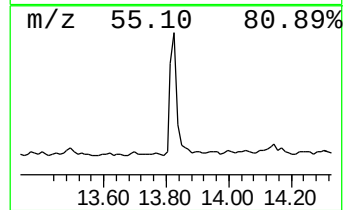
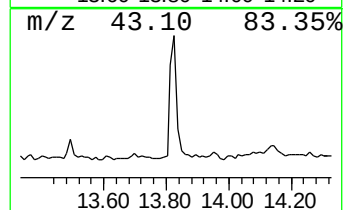
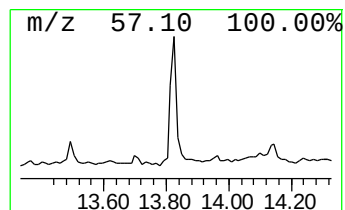
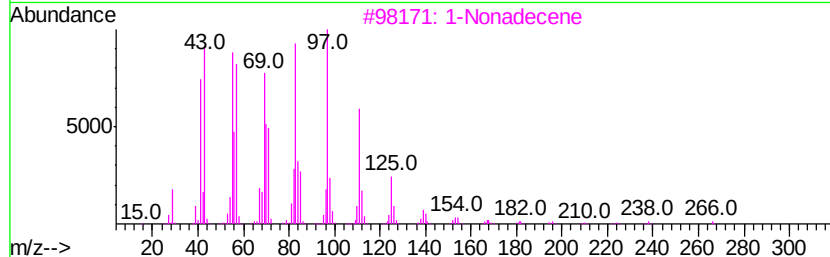
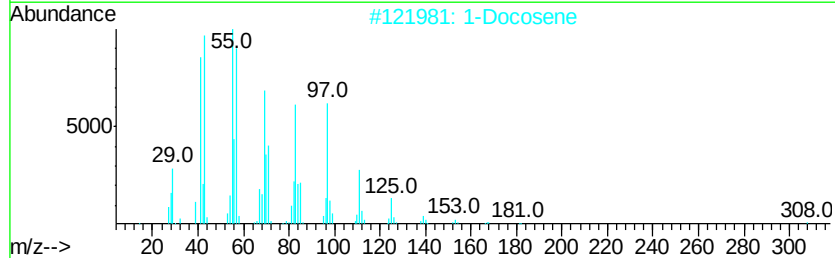
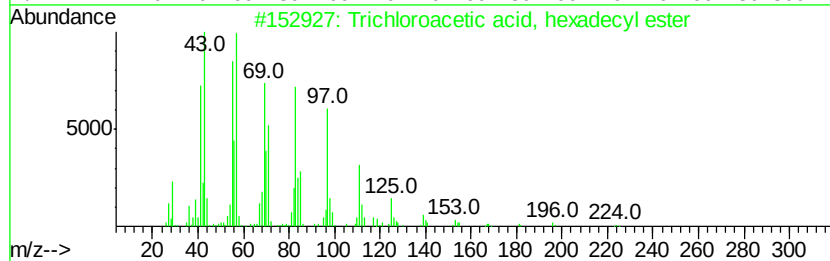
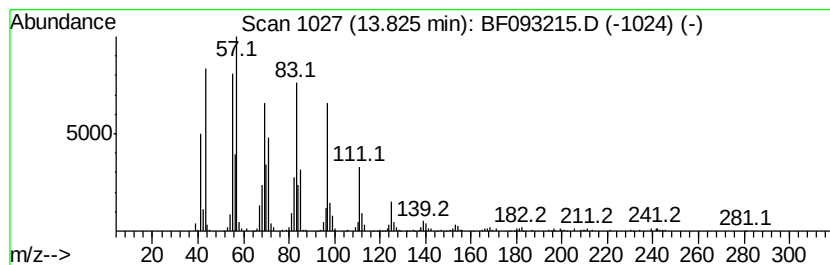
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.76 ng	514140	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			1-Docosene	308	C22H44	001599-67-3	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			17-Pentatriacontene	491	C35H70	006971-40-0	91
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
 Data File : BF093215.D
 Acq On : 27 Feb 2017 20:12
 Operator : SJ/MA
 Sample : I1997-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB6-BASE

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	45.9	ng	2254170	1	6.82	982295	20.0
unknown6.59	6.59	94.8	ng	4655050	1	6.82	982295	20.0
Undecane	6.65	3.1	ng	150076	1	6.82	982295	20.0
Nonane, 5-butyl-	8.69	2.7	ng	261981	2	8.10	1970500	20.0
Hexadecane	9.25	4.5	ng	355683	3	9.86	1575850	20.0
Naphthalene, 2,6-...	9.44	3.0	ng	240096	3	9.86	1575850	20.0
Naphthalene, 2,3-...	9.52	3.7	ng	294431	3	9.86	1575850	20.0
Tridecane, 3-methyl-	10.51	2.7	ng	216081	3	9.86	1575850	20.0
Eicosane	10.76	4.9	ng	538325	4	11.35	2201250	20.0
Pentadecane	11.21	2.6	ng	287329	4	11.35	2201250	20.0
unknown11.97	11.97	2.7	ng	300248	4	11.35	2201250	20.0
18-Norabietane	12.19	4.1	ng	454814	4	11.35	2201250	20.0
4b,8-Dimethyl-2-i...	12.28	8.3	ng	914385	4	11.35	2201250	20.0
Phenanthrene, 1-m...	13.06	3.7	ng	281576	5	13.99	1522190	20.0
Trichloroacetic a...	13.83	6.8	ng	514140	5	13.99	1522190	20.0