

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086915.D
 Acq On : 12 May 2016 4:20
 Operator : UM/SJ
 Sample : H2957-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP30-6-7FT

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-BF050916.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	13	rVB	579311	981570	19.09%	1.674%
2	1.747	13	14	40	rVB	2692280	5143098	100.00%	8.770%
3	4.787	278	280	293	rBV	123829	193223	3.76%	0.329%
4	5.233	316	319	321	rBV	3435955	3751958	72.95%	6.398%
5	6.090	392	394	400	rBV	41313	81103	1.58%	0.138%
6	6.296	410	412	415	rBV	2855337	3415709	66.41%	5.824%
7	6.342	415	416	419	rVB	184278	153324	2.98%	0.261%
8	6.410	419	422	424	rBV	3315784	3755436	73.02%	6.404%
9	6.627	439	441	444	rBV	777754	895420	17.41%	1.527%
10	6.787	453	455	458	rBV	3183836	2799794	54.44%	4.774%
11	7.210	489	492	494	rBV	2162454	2660591	51.73%	4.537%
12	7.622	525	528	532	rBV4	29694	82209	1.60%	0.140%
13	7.919	552	554	558	rBV2	1303436	1472961	28.64%	2.512%
14	7.987	558	560	565	rVB4	37229	78719	1.53%	0.134%
15	8.285	584	586	590	rBV2	30789	53659	1.04%	0.091%
16	8.628	614	616	619	rVV	188712	219795	4.27%	0.375%
17	8.730	623	625	627	rVB	212956	180674	3.51%	0.308%
18	9.005	646	649	651	rVV	2880345	3256846	63.32%	5.553%
19	9.096	651	657	661	rVB2	99936	165640	3.22%	0.282%
20	9.256	669	671	674	rBV	92689	136353	2.65%	0.233%
21	9.336	675	678	682	rVV3	144968	326148	6.34%	0.556%
22	9.405	682	684	685	rBV	323973	370711	7.21%	0.632%
23	9.450	685	688	691	rVB2	63342	142513	2.77%	0.243%
24	9.530	693	695	697	rVB	244384	203564	3.96%	0.347%
25	9.610	701	702	704	rBV	168719	198324	3.86%	0.338%
26	9.668	704	707	709	rBV	1161470	1099247	21.37%	1.874%
27	9.702	709	710	712	rVB	301632	238940	4.65%	0.407%
28	9.782	715	717	719	rVB3	35663	52801	1.03%	0.090%
29	9.873	723	725	727	rVB	382486	292123	5.68%	0.498%
30	9.988	732	735	736	rBV2	64429	105547	2.05%	0.180%
31	10.079	740	743	744	rVV2	52559	97675	1.90%	0.167%
32	10.113	744	746	748	rVV	344843	308788	6.00%	0.527%
33	10.182	748	752	753	rVV4	44342	102157	1.99%	0.174%
34	10.216	753	755	757	rVV	496150	520389	10.12%	0.887%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.273	758	760	761 rBV	48997	80292	1.56%	0.137%
36	10.331	763	765	767 rVV	126888	183797	3.57%	0.313%
37	10.376	767	769	771 rVB	141329	178888	3.48%	0.305%
38	10.456	773	776	778 rVV	2036124	1980308	38.50%	3.377%
39	10.502	778	780	782 rVV2	63777	88476	1.72%	0.151%
40	10.582	785	787	791 rVB	350709	405169	7.88%	0.691%
41	10.765	799	803	808 rBV4	88718	260602	5.07%	0.444%
42	10.845	808	810	811 rBV	65942	74723	1.45%	0.127%
43	10.891	813	814	818 rVB3	69859	126569	2.46%	0.216%
44	10.959	818	820	822 rVB	73219	72643	1.41%	0.124%
45	11.005	822	824	825 rBV	98917	131825	2.56%	0.225%
46	11.028	825	826	831 rVB3	221422	456629	8.88%	0.779%
47	11.176	834	839	840 rBV2	1421562	2626102	51.06%	4.478%
48	11.222	840	843	845 rVB	468240	536772	10.44%	0.915%
49	11.256	845	846	848 rVB	71207	67516	1.31%	0.115%
50	11.336	851	853	856 rBV3	62478	136492	2.65%	0.233%
51	11.382	856	857	860 rVV	119104	164142	3.19%	0.280%
52	11.451	861	863	866 rVB3	130435	156687	3.05%	0.267%
53	11.645	878	880	881 rVV	277470	278602	5.42%	0.475%
54	11.679	881	883	884 rVV	267197	413966	8.05%	0.706%
55	11.702	884	885	888 rVV2	369138	456707	8.88%	0.779%
56	11.759	888	890	895 rVB2	364832	618162	12.02%	1.054%
57	11.862	895	899	900 rBV	172145	267801	5.21%	0.457%
58	11.942	903	906	907 rBV	176929	204190	3.97%	0.348%
59	11.965	907	908	910 rVB	86598	113978	2.22%	0.194%
60	12.091	917	919	920 rVB	78188	62203	1.21%	0.106%
61	12.125	920	922	927 rVV2	47348	82444	1.60%	0.141%
62	12.194	927	928	930 rVV	153484	183248	3.56%	0.312%
63	12.251	930	933	934 rVB2	143583	230813	4.49%	0.394%
64	12.285	934	936	940 rBV5	71815	120369	2.34%	0.205%
65	12.354	940	942	944 rBV	1710143	1437494	27.95%	2.451%
66	12.399	944	946	949 rVV2	303340	335485	6.52%	0.572%
67	12.445	949	950	952 rVV	101295	114551	2.23%	0.195%
68	12.479	952	953	959 rVB6	238374	398330	7.74%	0.679%
69	12.582	959	962	964 rBV	1274746	1549603	30.13%	2.642%
70	12.616	964	965	969 rVB3	124207	220899	4.30%	0.377%
71	12.731	971	975	978 rVB	2444647	2425045	47.15%	4.135%

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72	12.799	978	981	983	rBV2	126626	216100	4.20%	0.368%
73	12.902	987	990	993	rVB2	239849	439214	8.54%	0.749%
74	12.971	993	996	998	rBV	325980	383398	7.45%	0.654%
75	13.005	998	999	1003	rVB2	180168	256731	4.99%	0.438%
76	13.074	1003	1005	1006	rBV2	35606	52275	1.02%	0.089%
77	13.097	1006	1007	1009	rVV	79859	119157	2.32%	0.203%
78	13.131	1009	1010	1014	rVB2	102164	96687	1.88%	0.165%
79	13.314	1024	1026	1029	rVB2	105809	150984	2.94%	0.257%
80	13.394	1031	1033	1034	rBV	41403	60032	1.17%	0.102%
81	13.519	1042	1044	1045	rBV	66999	90048	1.75%	0.154%
82	13.554	1045	1047	1048	rVV	105104	144579	2.81%	0.247%
83	13.645	1052	1055	1058	rBV2	288415	475906	9.25%	0.811%
84	13.771	1063	1066	1073	rVB2	1055539	2100695	40.84%	3.582%
85	13.874	1073	1075	1078	rBV2	82962	95203	1.85%	0.162%
86	13.954	1080	1082	1083	rBV	50439	54258	1.05%	0.093%
87	14.159	1098	1100	1102	rBV	133079	138584	2.69%	0.236%
88	14.228	1102	1106	1107	rBV2	146713	255471	4.97%	0.436%
89	14.537	1131	1133	1138	rBV4	67092	147322	2.86%	0.251%
90	14.765	1151	1153	1158	rBV	367667	725974	14.12%	1.238%
91	14.845	1158	1160	1167	rVV4	120780	323044	6.28%	0.551%
92	15.028	1174	1176	1179	rVB	212645	258050	5.02%	0.440%
93	15.085	1179	1181	1183	rVB	320504	370997	7.21%	0.633%
94	15.131	1183	1185	1187	rBV	389489	586770	11.41%	1.001%
95	16.388	1292	1295	1299	rBV2	112316	213625	4.15%	0.364%
96	16.765	1326	1328	1332	rVB	63904	111613	2.17%	0.190%

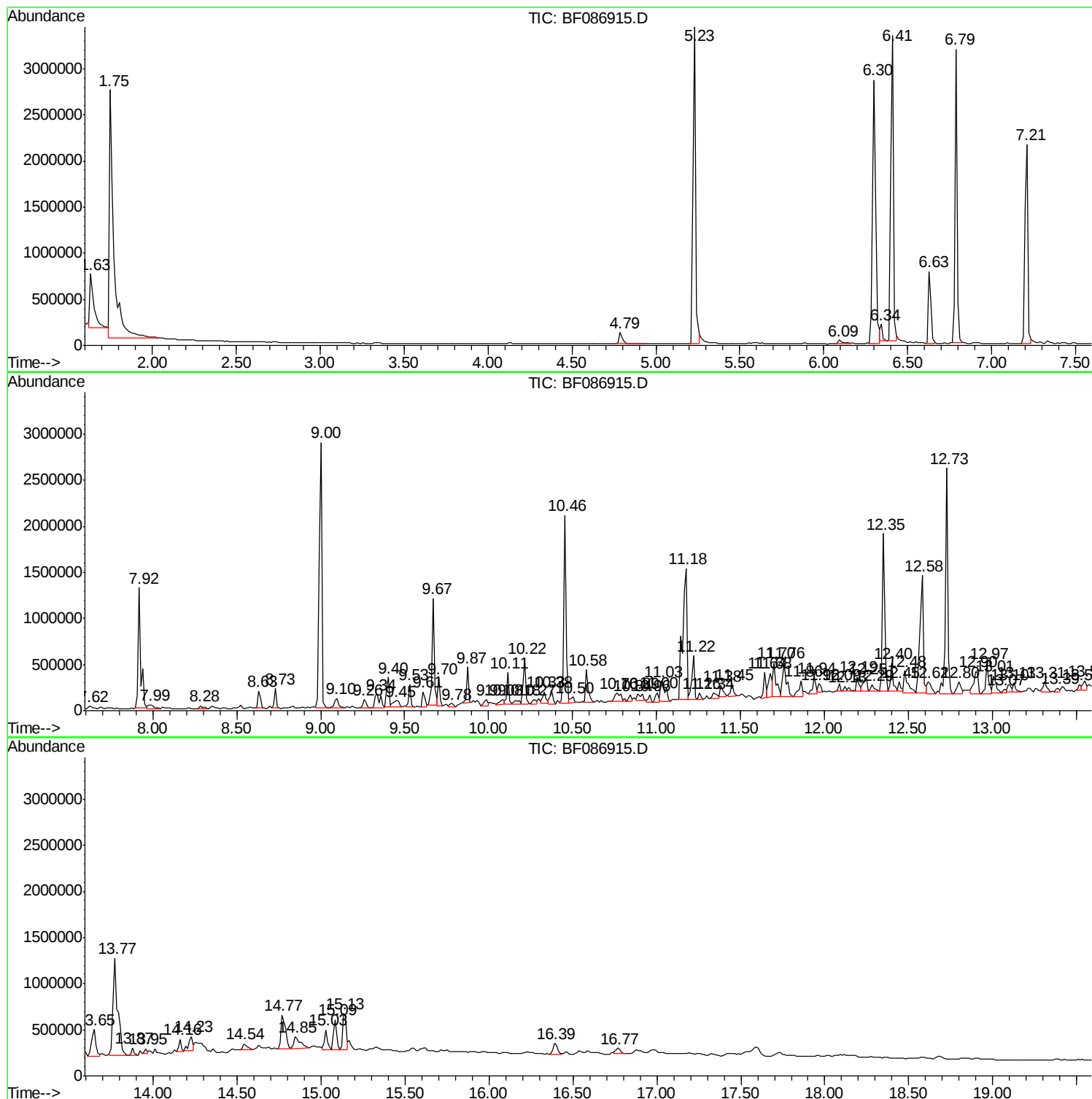
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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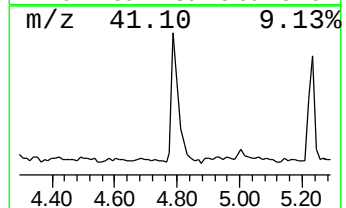
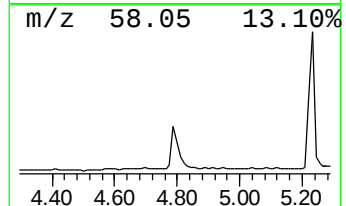
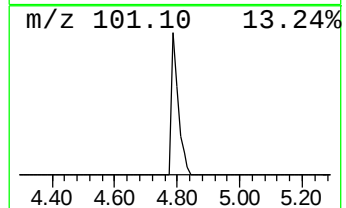
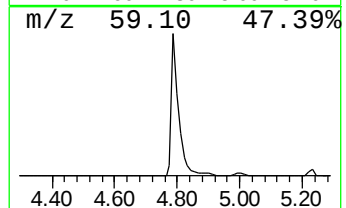
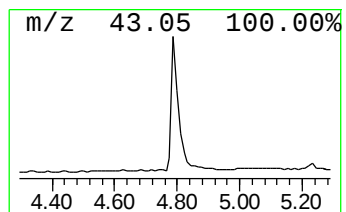
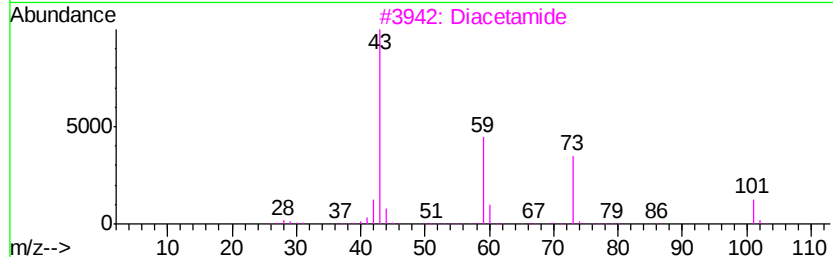
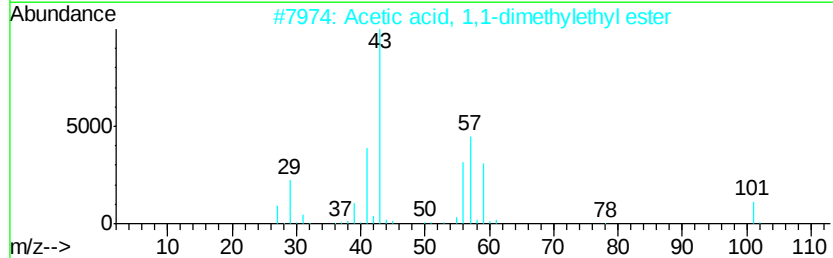
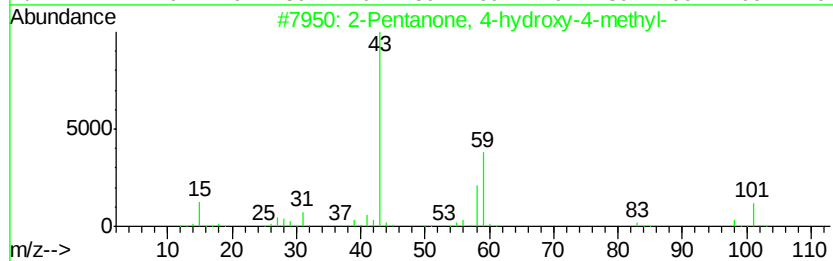
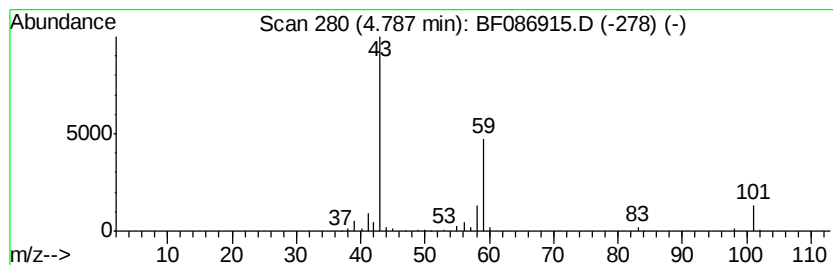
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	4.32 ng	193223	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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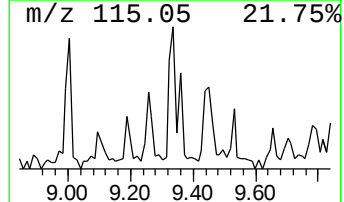
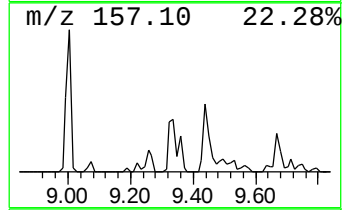
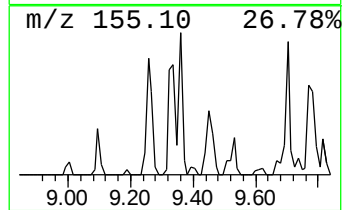
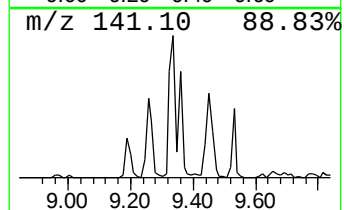
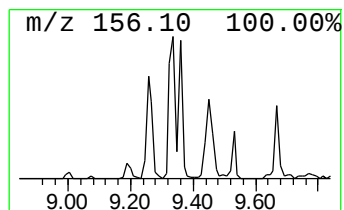
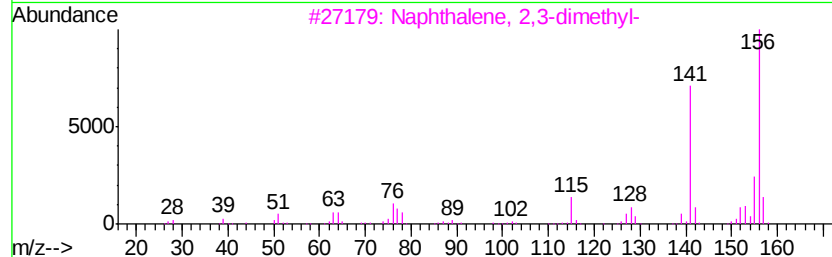
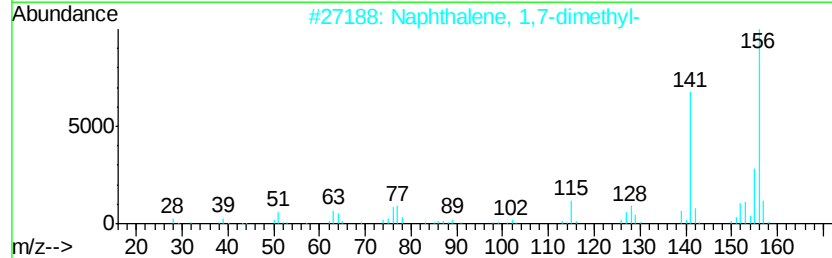
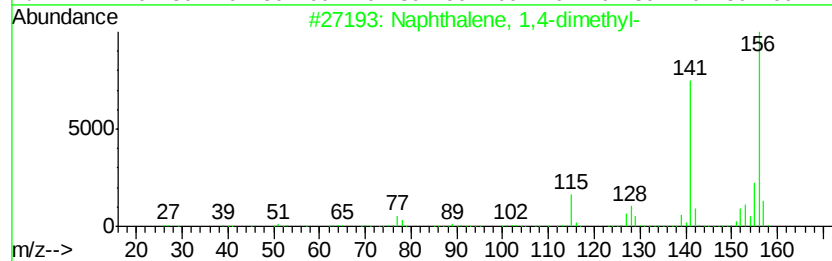
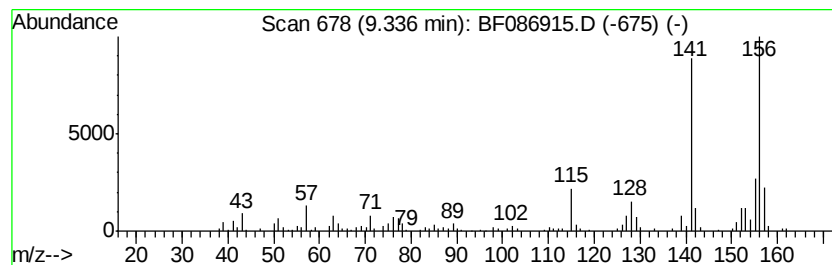
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	5.93 ng	326148	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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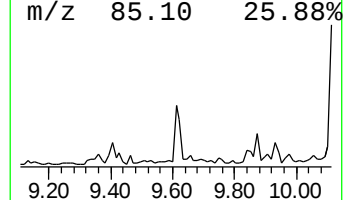
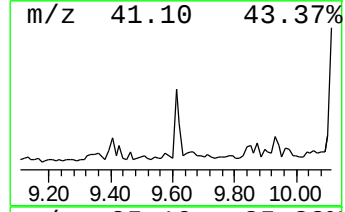
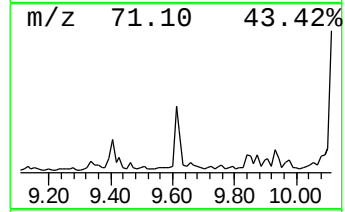
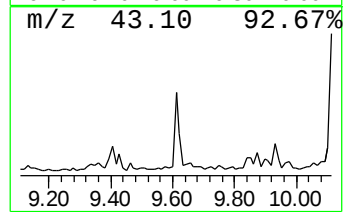
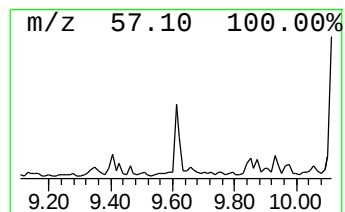
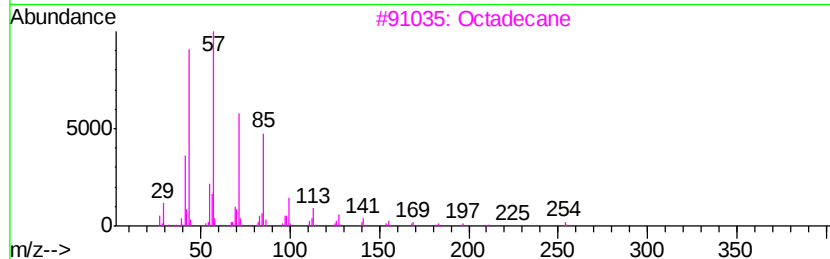
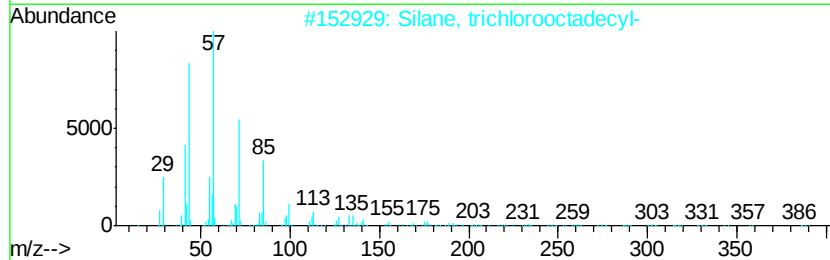
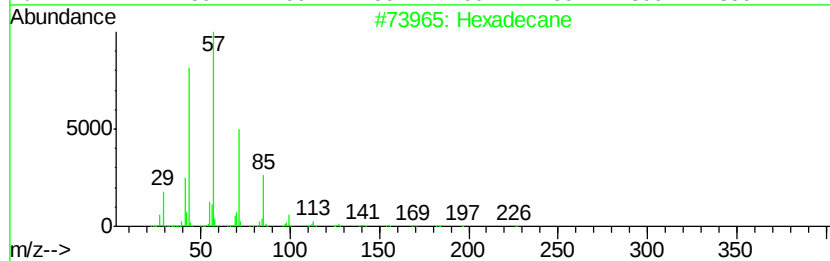
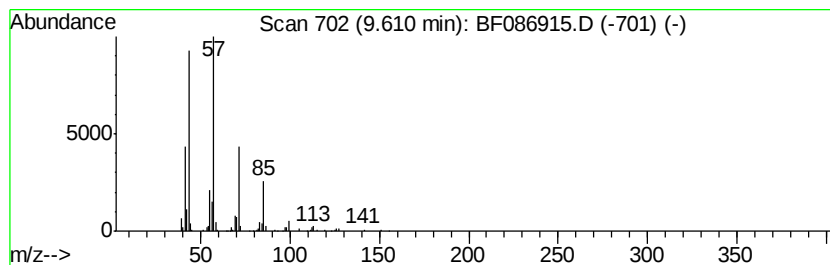
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.61 ng	198324	Acenaphthene-d10	9.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3			Octadecane	254	C18H38	000593-45-3	86
4			Eicosane	282	C20H42	000112-95-8	83
5			Tridecane	184	C13H28	000629-50-5	83



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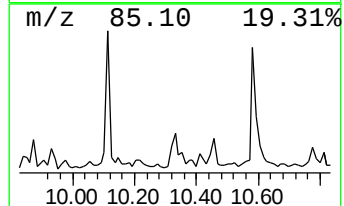
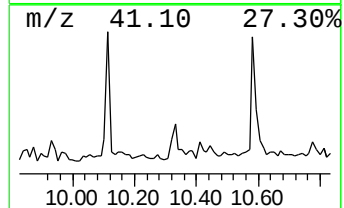
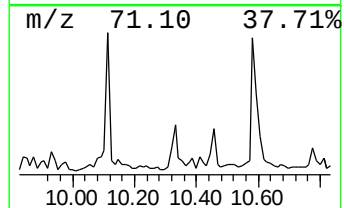
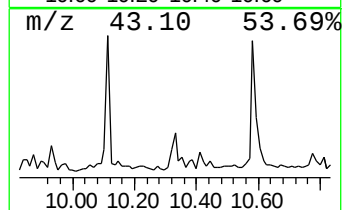
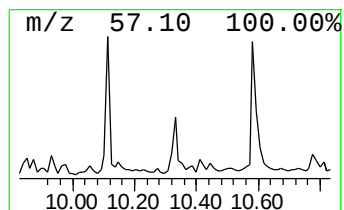
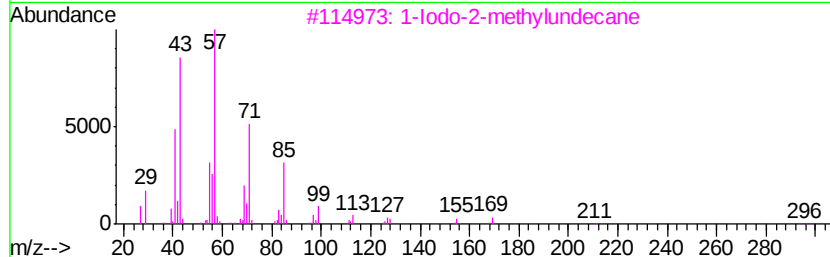
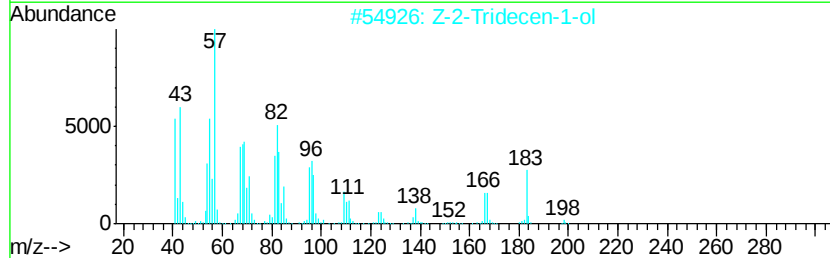
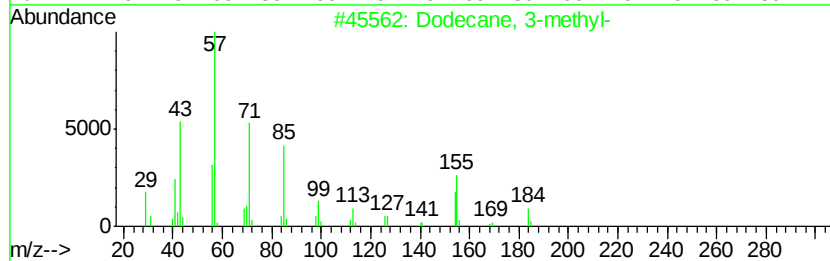
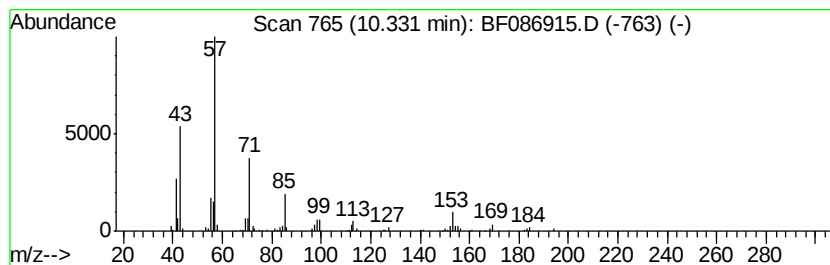
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ClientSampleId :
TP30-6-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.34 ng	183797	Acenaphthene-d10	9.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 3-methyl-	184 C13H28	017312-57-1	58
2	Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8	53
3	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	52
4	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	50
5	Undecane, 5-ethyl-	184 C13H28	017453-94-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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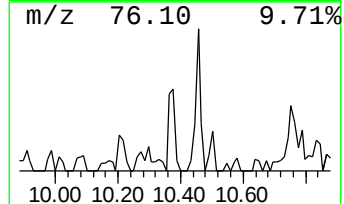
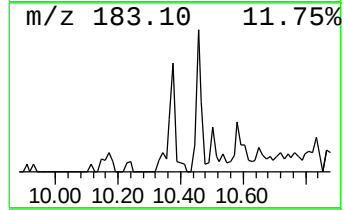
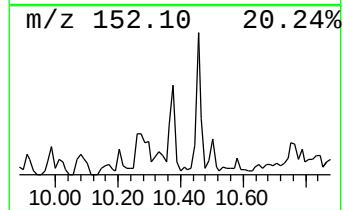
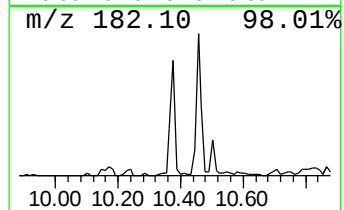
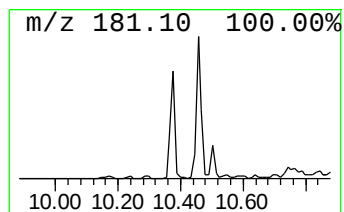
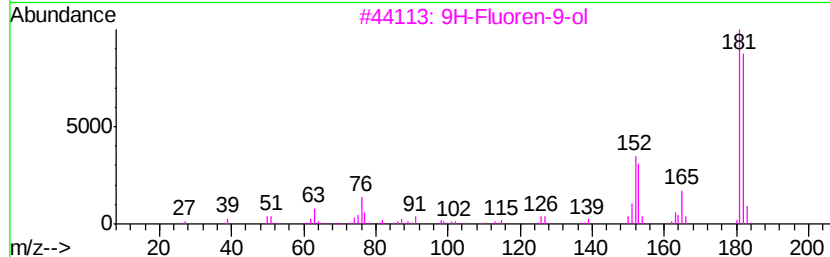
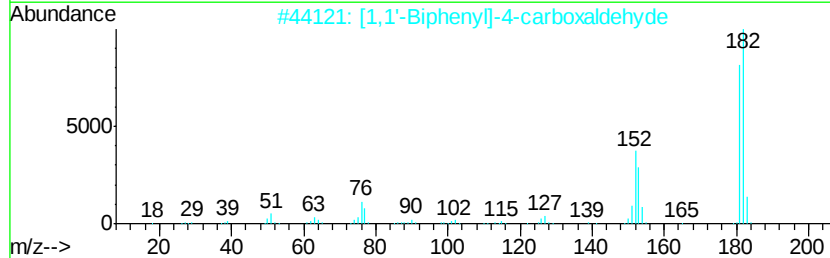
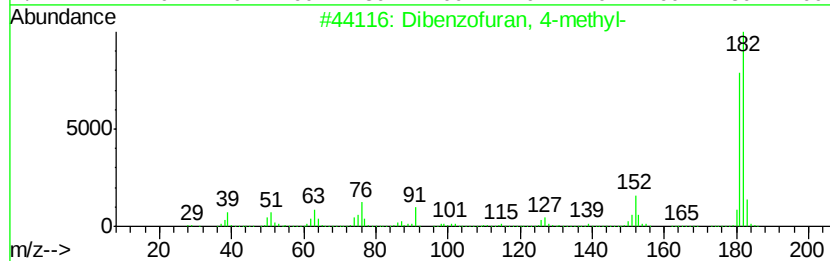
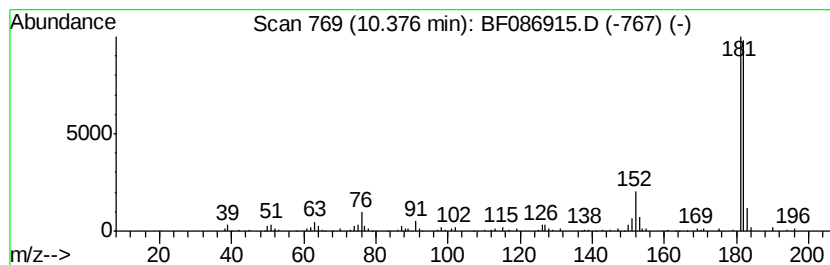
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.25 ng	178888	Acenaphthene-d10	9.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
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ClientSampleId :
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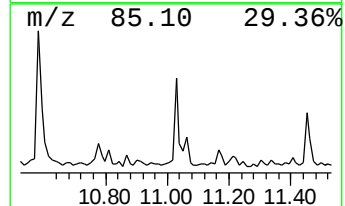
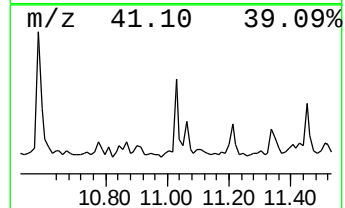
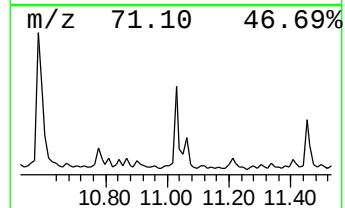
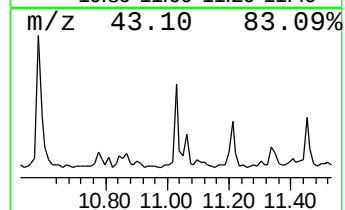
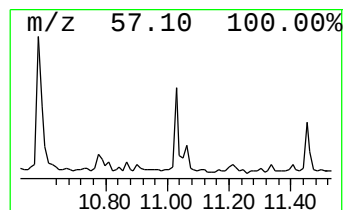
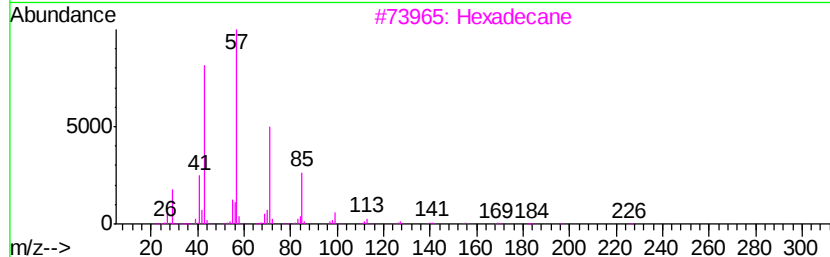
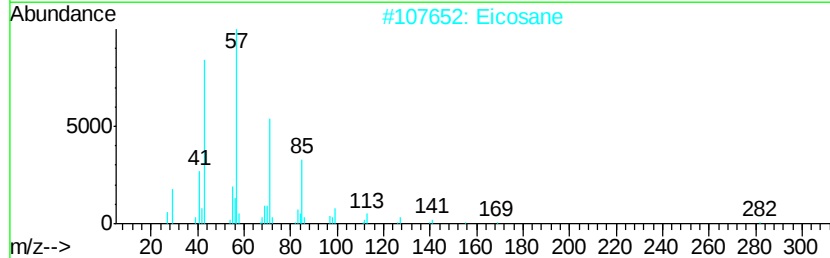
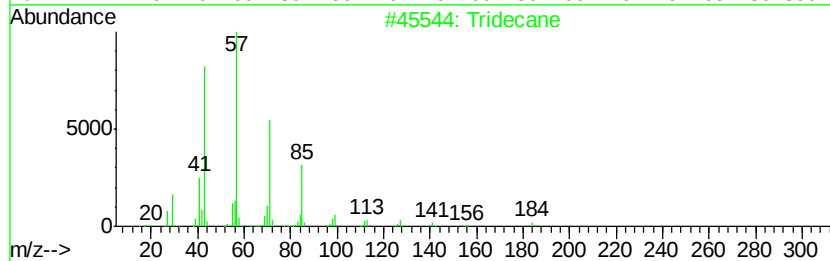
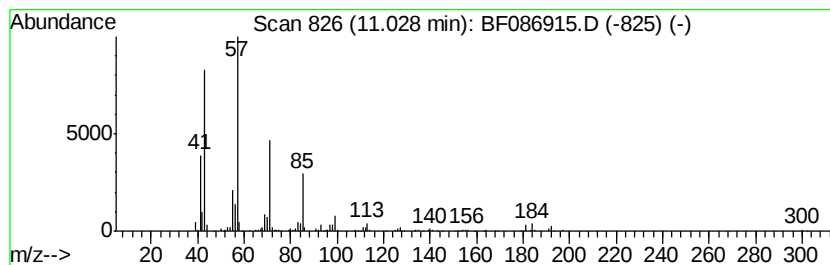
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.48 ng	456629	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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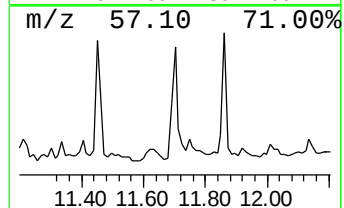
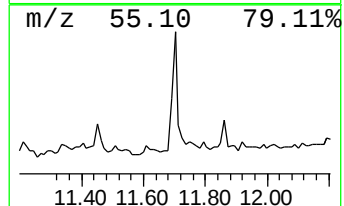
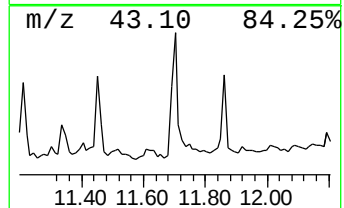
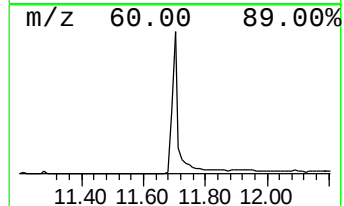
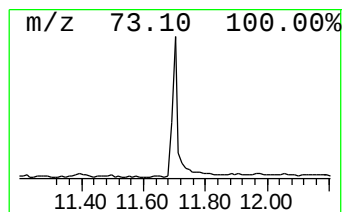
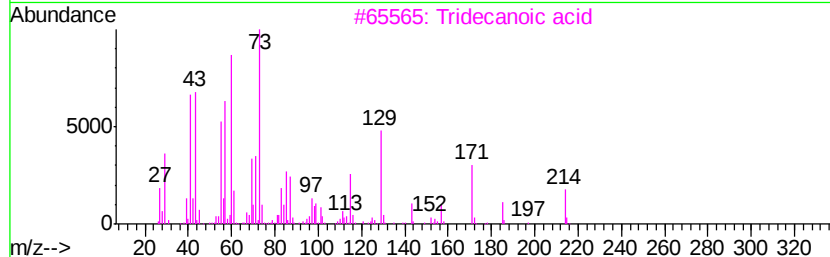
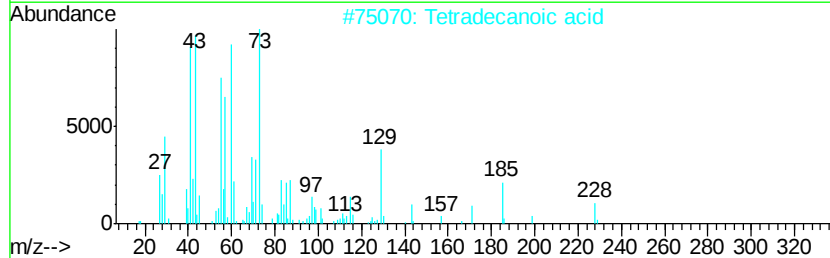
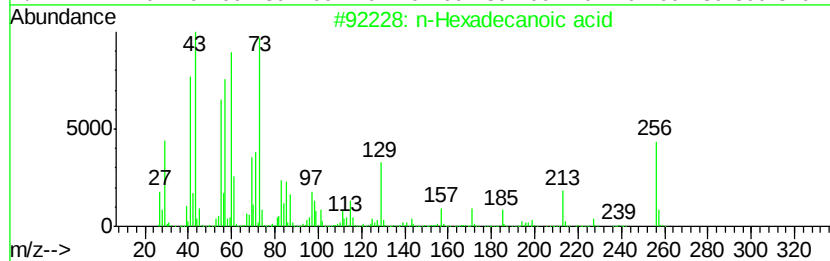
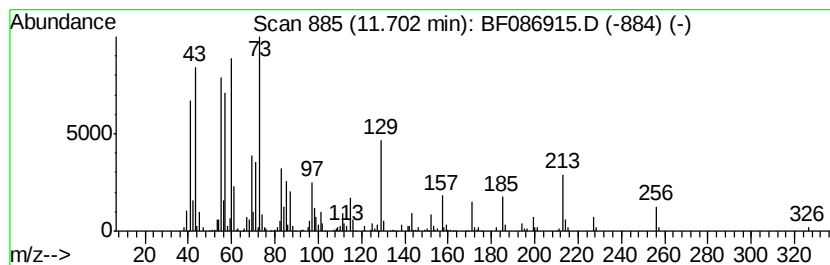
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.48 ng	456707	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Undecanoic acid	186	C11H22O2	000112-37-8	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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Acq On : 12 May 2016 4:20
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Misc :
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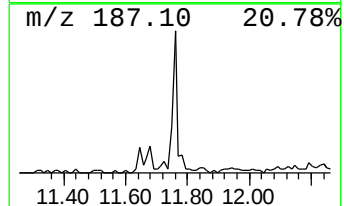
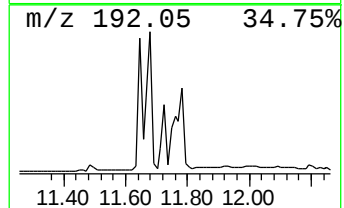
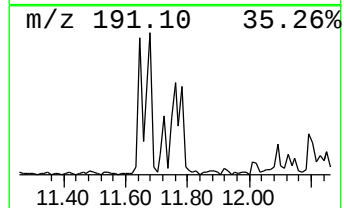
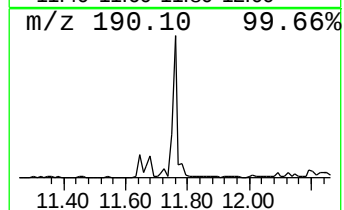
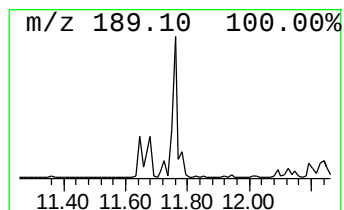
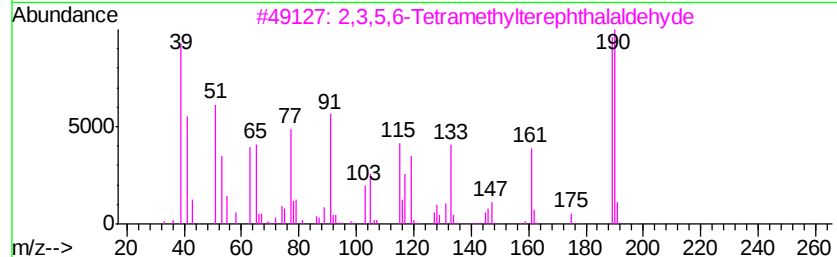
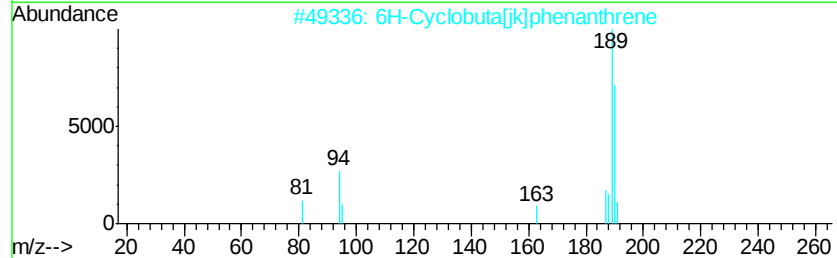
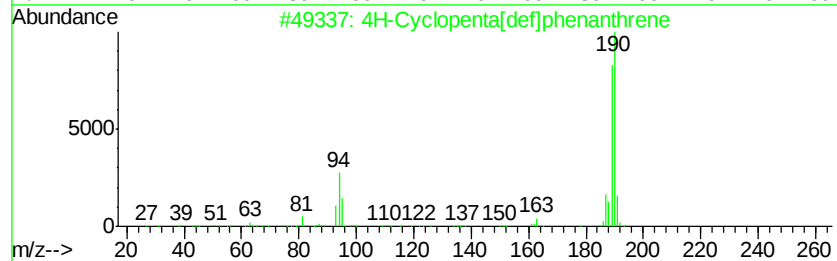
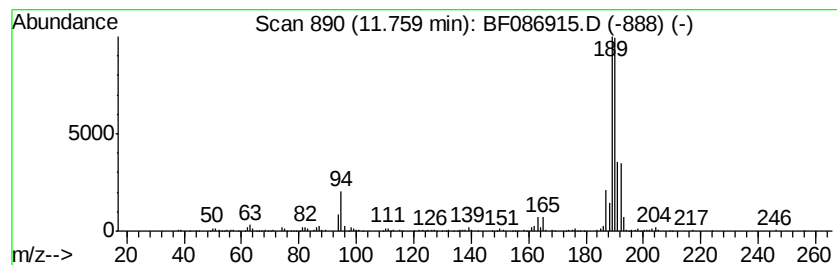
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.71 ng	618162	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
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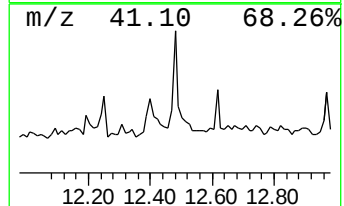
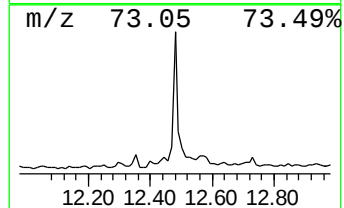
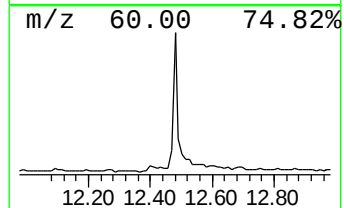
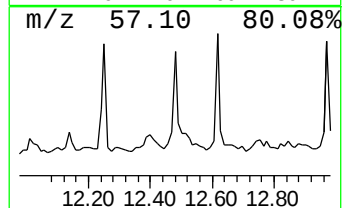
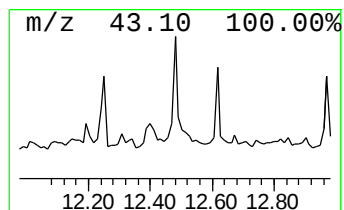
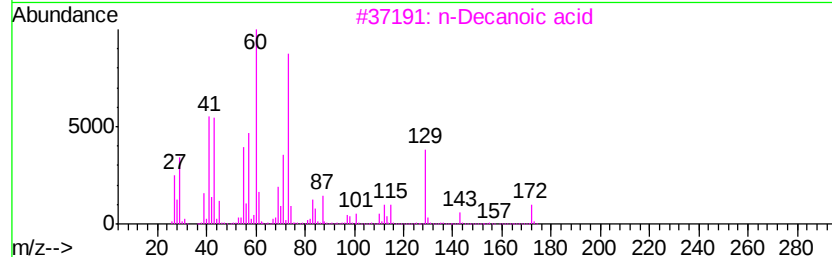
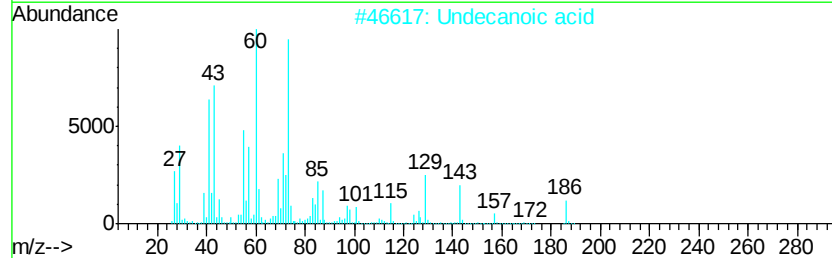
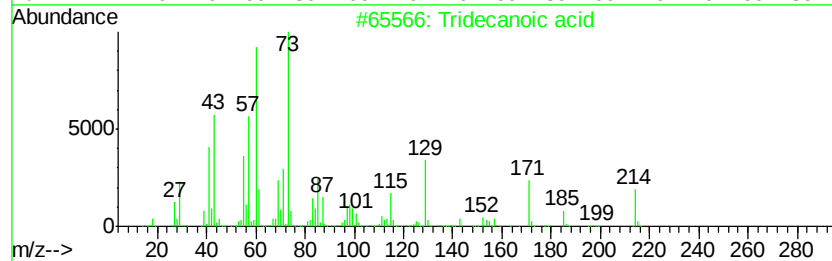
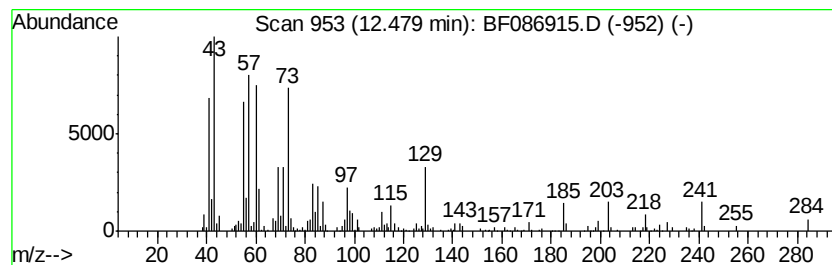
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.79 ng	398330	Chrysene-d12	13.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecanoic acid	214 C13H26O2	000638-53-9 70
2		Undecanoic acid	186 C11H22O2	000112-37-8 59
3		n-Decanoic acid	172 C10H20O2	000334-48-5 58
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 53
5		Tetradecanoic acid	228 C14H28O2	000544-63-8 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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Acq On : 12 May 2016 4:20
Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
TP30-6-7FT

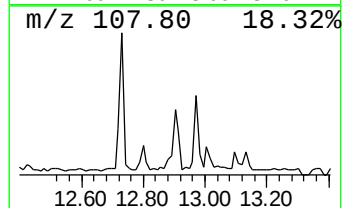
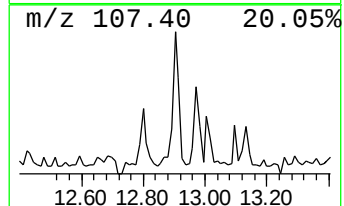
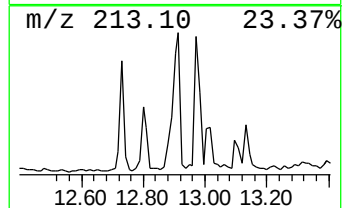
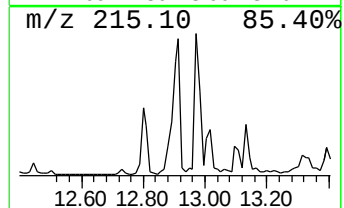
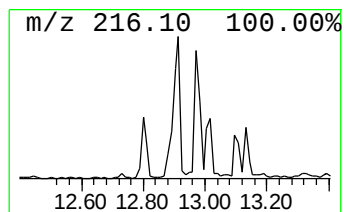
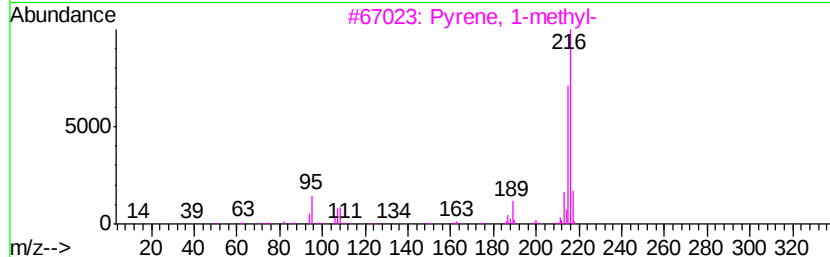
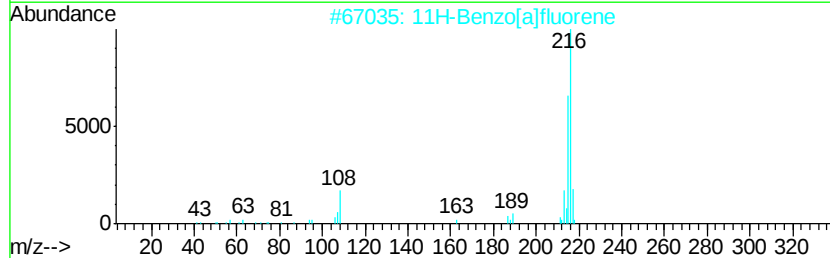
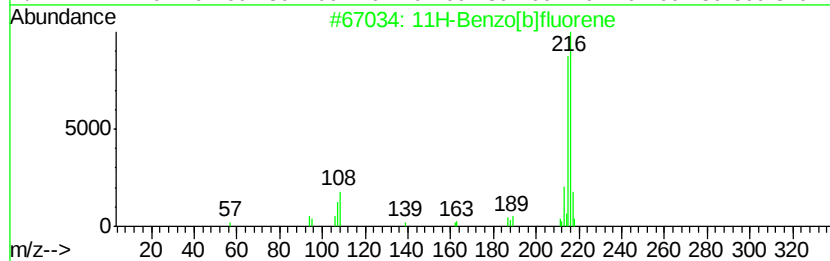
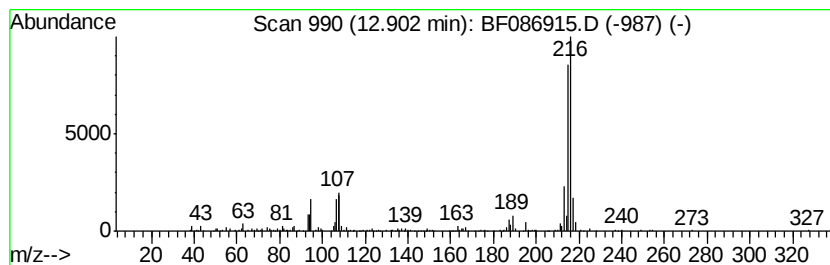
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.18 ng	439214	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP30-6-7FT

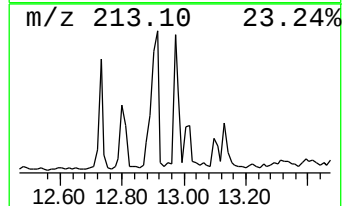
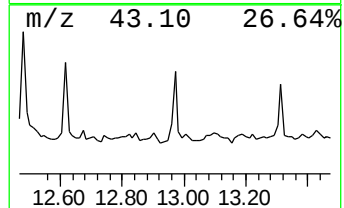
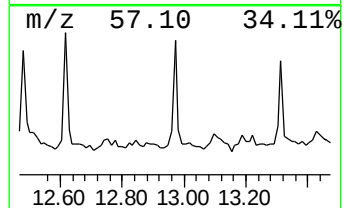
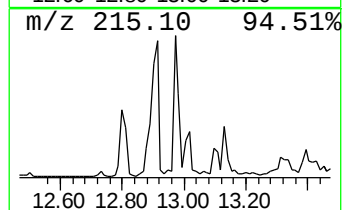
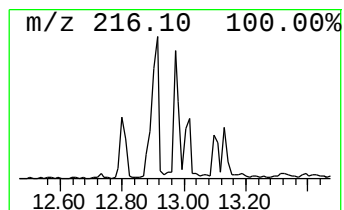
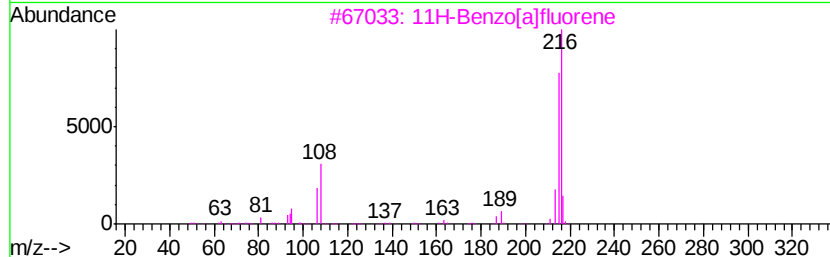
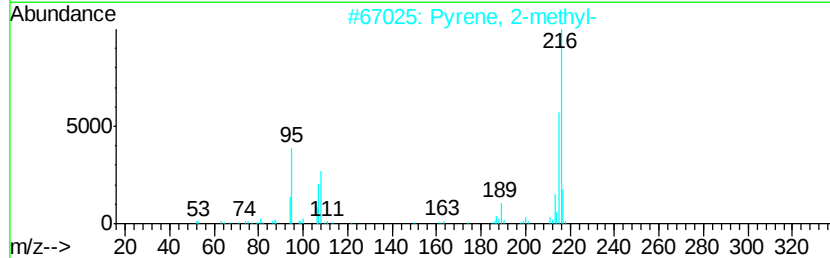
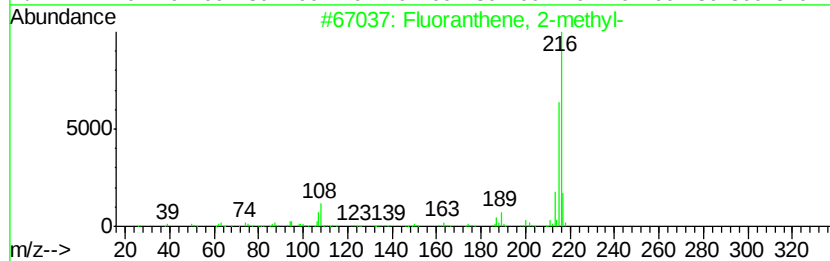
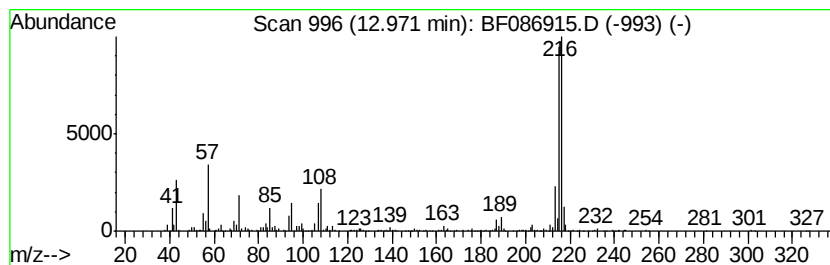
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.65 ng	383398	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

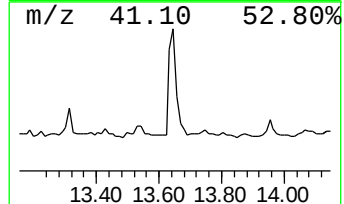
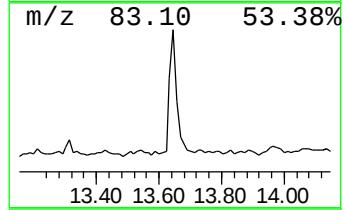
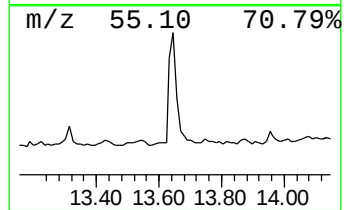
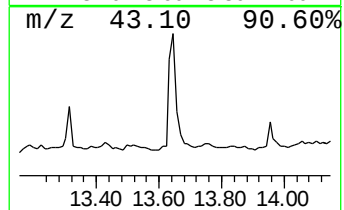
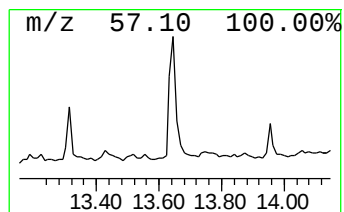
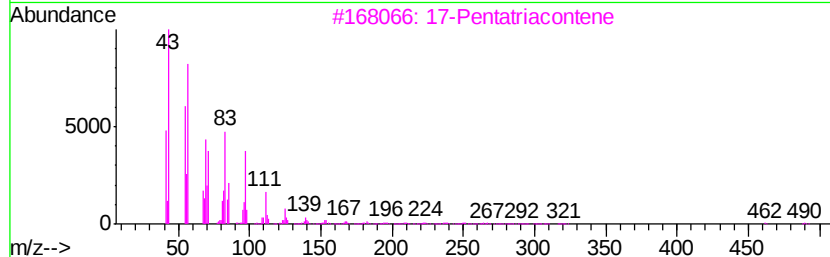
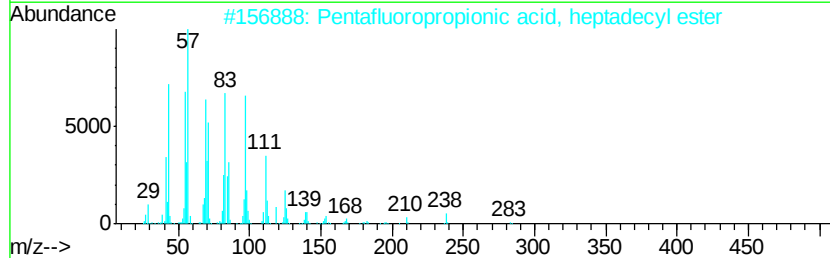
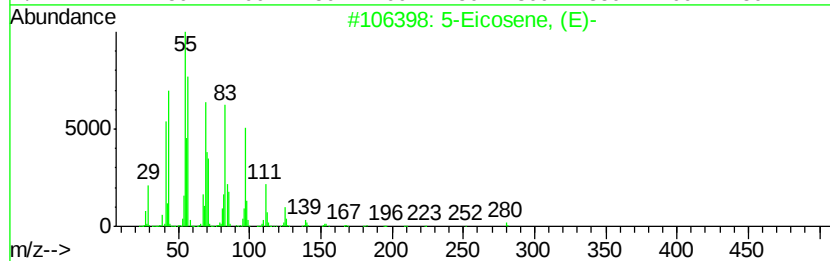
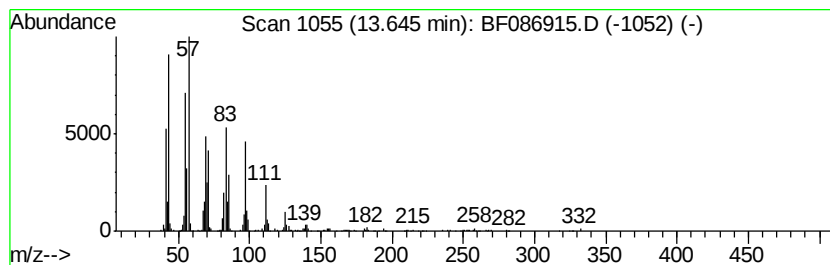
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.65	4.53 ng	475906	Chrysene-d12	13.77		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	93
2	Pentafluoropropionic acid, hepta...		402	C20H35F5O2	1000283-04-2	91
3	17-Pentatriacontene		491	C35H70	006971-40-0	91
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	90
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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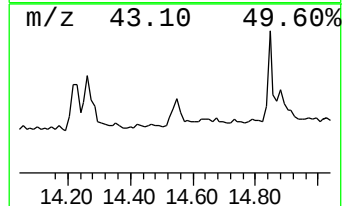
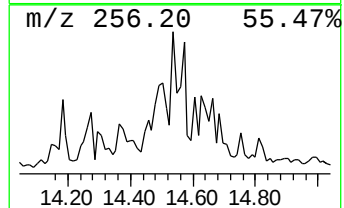
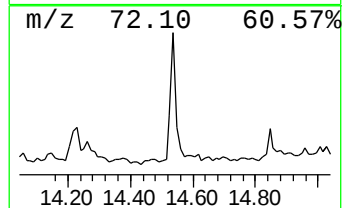
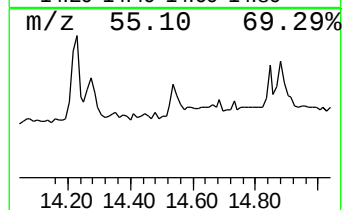
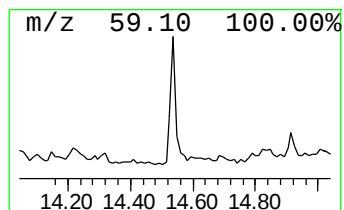
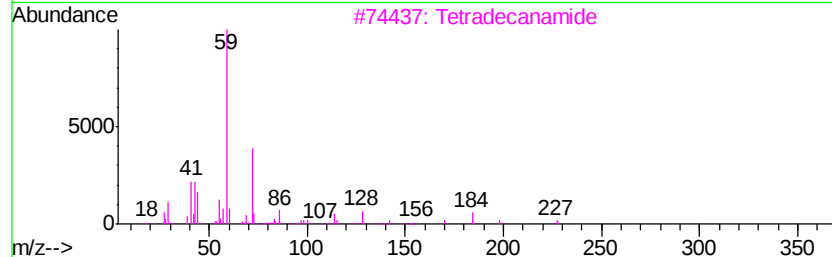
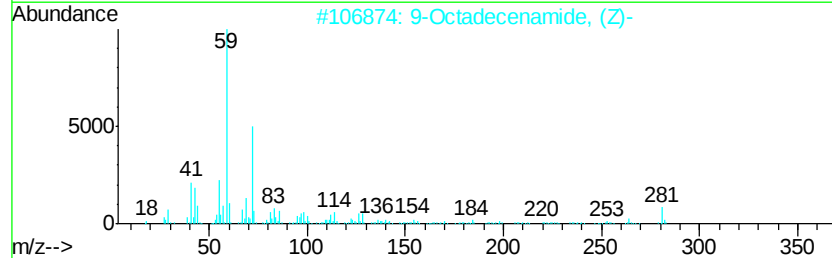
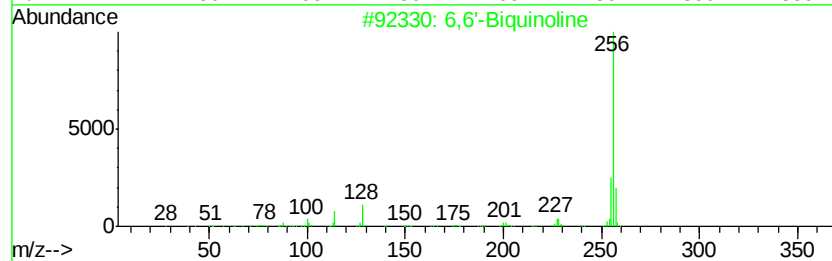
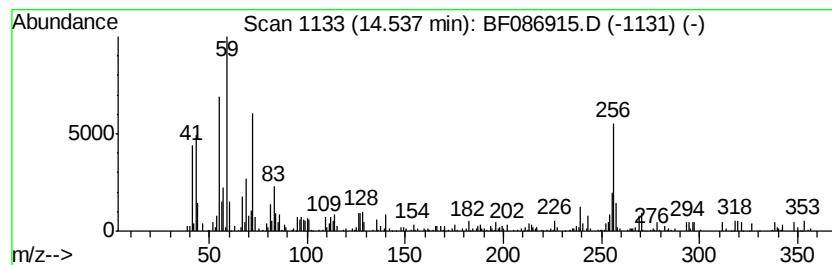
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 6,6'-Biquinoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.02 ng	147322	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,6'-Biquinoline	256	C18H12N2	000612-79-3	52
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
3		Tetradecanamide	227	C14H29NO	000638-58-4	38
4		Cyclopentylsilane	100	C5H12Si	080249-74-7	25
5		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

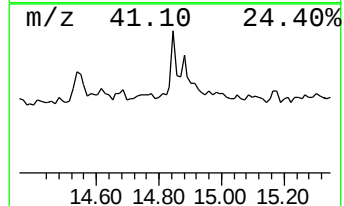
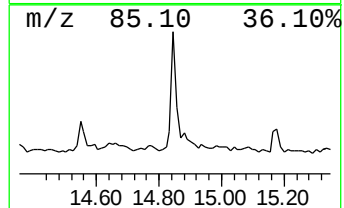
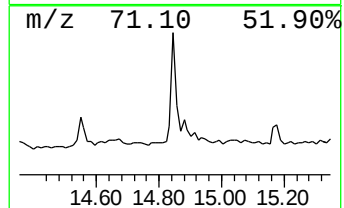
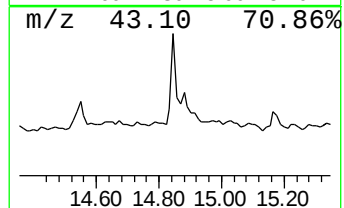
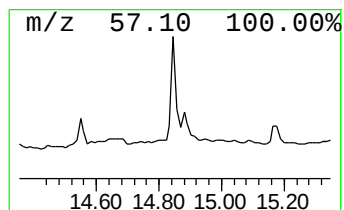
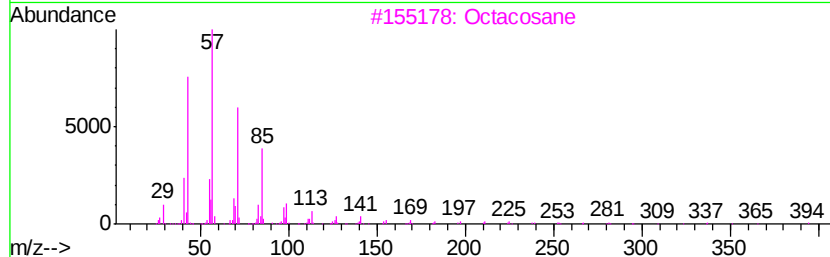
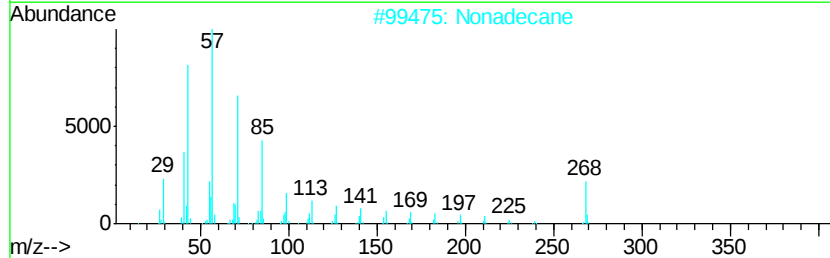
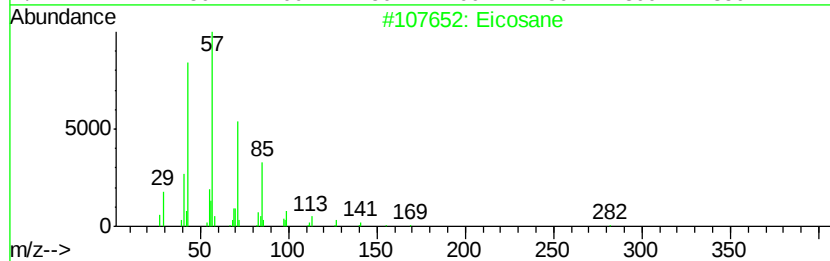
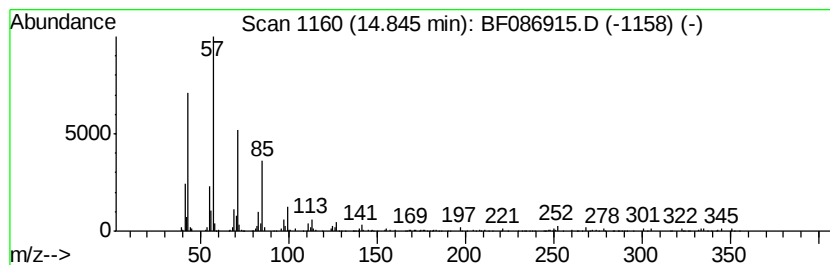
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	11.01 ng	323044	Perylene-d12	15.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	87
2	Nonadecane	268 C19H40	000629-92-5	87
3	Octacosane	394 C28H58	000630-02-4	83
4	Tetracosane	338 C24H50	000646-31-1	83
5	Heneicosane	296 C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086915.D
Acq On : 12 May 2016 4:20
Operator : UM/SJ
Sample : H2957-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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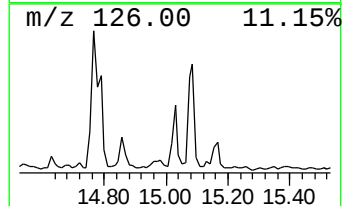
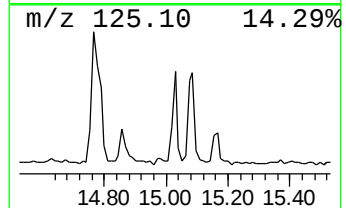
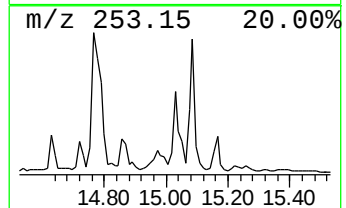
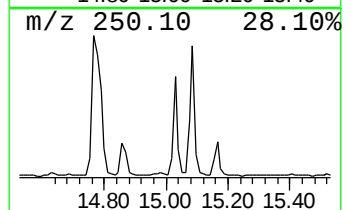
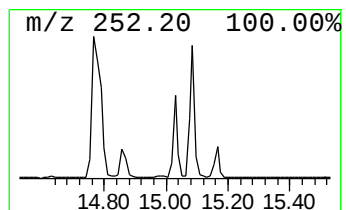
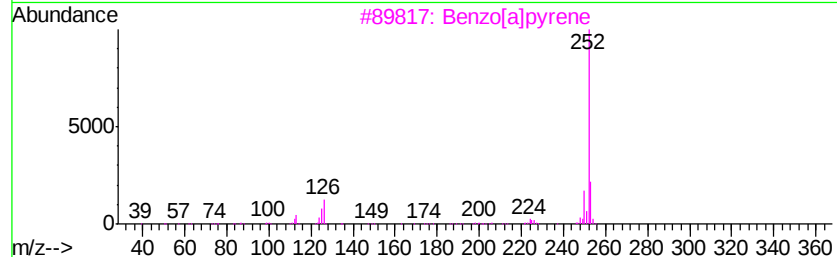
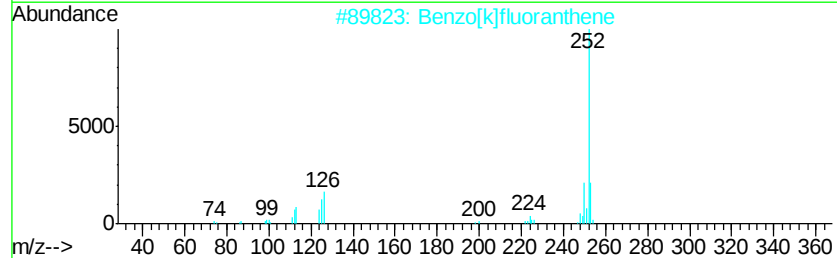
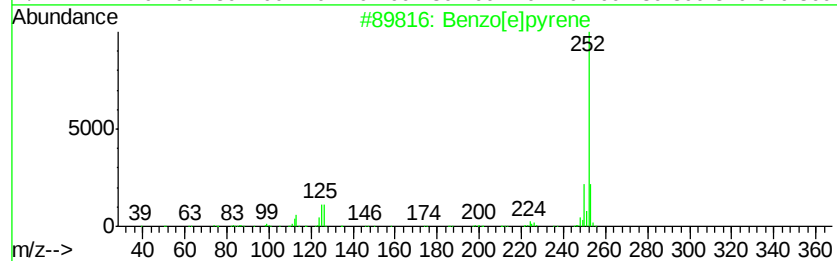
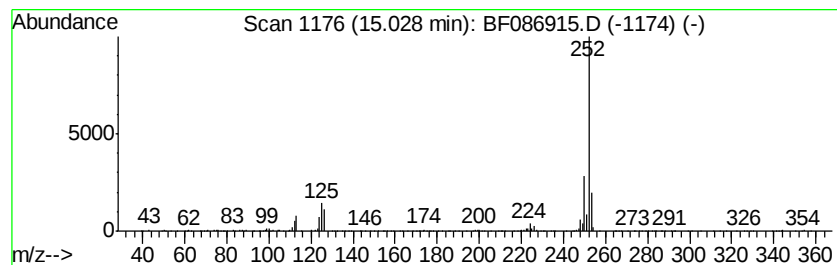
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	8.80 ng	258050	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086915.D
 Acq On : 12 May 2016 4:20
 Operator : UM/SJ
 Sample : H2957-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.79	4.3	ng	193223	1	6.63	895420	20.0
Naphthalene, 1,4-...	9.34	5.9	ng	326148	3	9.67	1099250	20.0
Hexadecane	9.61	3.6	ng	198324	3	9.67	1099250	20.0
Dodecane, 3-methyl-	10.33	3.3	ng	183797	3	9.67	1099250	20.0
Dibenzofuran, 4-m...	10.38	3.3	ng	178888	3	9.67	1099250	20.0
Tridecane	11.03	3.5	ng	456629	4	11.14	2626100	20.0
n-Hexadecanoic acid	11.70	3.5	ng	456707	4	11.14	2626100	20.0
4H-Cyclopenta[def...	11.76	4.7	ng	618162	4	11.14	2626100	20.0
Tridecanoic acid	12.48	3.8	ng	398330	5	13.77	2100700	20.0
11H-Benzo[b]fluorene	12.90	4.2	ng	439214	5	13.77	2100700	20.0
Fluoranthene, 2-m...	12.97	3.6	ng	383398	5	13.77	2100700	20.0
5-Eicosene, (E)-	13.65	4.5	ng	475906	5	13.77	2100700	20.0
6,6'-Biquinoline	14.54	5.0	ng	147322	6	15.14	586770	20.0
Eicosane	14.85	11.0	ng	323044	6	15.14	586770	20.0
Benzo[e]pyrene	15.03	8.8	ng	258050	6	15.14	586770	20.0