

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093164.D
 Acq On : 25 Feb 2017 00:26
 Operator : SJ/MA
 Sample : I1957-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-3(8-10)20170221

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	5.001	252	255	267	rBV	1070033	1741535	39.59%	3.610%
2	5.424	290	292	295	rBV	3372812	3669095	83.40%	7.606%
3	6.476	381	384	386	rBV	3697604	4399301	100.00%	9.119%
4	6.602	392	395	397	rBV	4030493	3997106	90.86%	8.286%
5	6.830	413	415	417	rBV	1131723	940177	21.37%	1.949%
6	6.990	426	429	431	rBV	3097200	2997050	68.13%	6.213%
7	7.402	462	465	468	rBV	2422415	2397308	54.49%	4.969%
8	8.122	526	528	530	rBV	1478666	1373689	31.23%	2.848%
9	8.830	588	590	593	rBV	73498	81264	1.85%	0.168%
10	8.933	597	599	601	rBV	96076	81678	1.86%	0.169%
11	9.196	619	622	625	rBV	3237235	4211537	95.73%	8.730%
12	9.459	643	645	647	rBV	31588	44765	1.02%	0.093%
13	9.539	649	652	655	rBV	55217	101315	2.30%	0.210%
14	9.596	655	657	659	rBV	634754	508524	11.56%	1.054%
15	9.813	672	676	679	rBV2	30057	53275	1.21%	0.110%
16	9.870	679	681	683	rVV	1148435	1390429	31.61%	2.882%
17	9.905	683	684	686	rVB	67197	63814	1.45%	0.132%
18	10.076	697	699	701	rBV	115120	133211	3.03%	0.276%
19	10.282	715	717	718	rBV	78584	76198	1.73%	0.158%
20	10.305	718	719	721	rVB	108526	87912	2.00%	0.182%
21	10.419	727	729	732	rVB	242606	228928	5.20%	0.475%
22	10.522	736	738	742	rBV2	29003	54540	1.24%	0.113%
23	10.671	748	751	753	rBV	2040365	2515030	57.17%	5.213%
24	10.785	759	761	765	rVB	103464	179009	4.07%	0.371%
25	10.968	775	777	779	rBV	62075	84209	1.91%	0.175%
26	11.174	793	795	796	rVB	65564	67219	1.53%	0.139%
27	11.231	796	800	801	rBV2	113106	136646	3.11%	0.283%
28	11.254	801	802	805	rVB	123396	124246	2.82%	0.258%
29	11.356	809	811	812	rBV	1184587	1365392	31.04%	2.830%
30	11.379	812	813	815	rVV	996015	1347246	30.62%	2.793%
31	11.436	815	818	820	rVB	220753	220239	5.01%	0.457%
32	11.596	828	832	835	rBV	168270	201724	4.59%	0.418%
33	11.654	835	837	839	rVV	197592	169343	3.85%	0.351%
34	11.699	839	841	843	rVB2	30735	44294	1.01%	0.092%

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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

35	11.859	853	855	856 rBV	185364	165240	3.76%	0.343%
36	11.894	856	858	860 rVB	221675	207268	4.71%	0.430%
37	11.974	863	865	869 rVB2	274281	375665	8.54%	0.779%
38	12.065	869	873	875 rBV2	73839	106556	2.42%	0.221%
39	12.156	879	881	882 rBV	109648	86817	1.97%	0.180%
40	12.191	882	884	886 rVB	78106	69635	1.58%	0.144%
41	12.305	891	894	896 rBV3	46694	56882	1.29%	0.118%
42	12.408	901	903	905 rBV	86690	108486	2.47%	0.225%
43	12.442	905	906	909 rVB	59740	91302	2.08%	0.189%
44	12.499	909	911	915 rVB2	67754	86159	1.96%	0.179%
45	12.568	915	917	920 rBV	838744	1030686	23.43%	2.137%
46	12.637	920	923	925 rVB2	30852	48645	1.11%	0.101%
47	12.717	927	930	932 rBV2	31601	54097	1.23%	0.112%
48	12.797	933	937	940 rBV2	662344	944134	21.46%	1.957%
49	12.854	940	942	944 rVB2	50643	62019	1.41%	0.129%
50	12.945	944	950	953 rBV	3033671	4082581	92.80%	8.463%
51	13.025	953	957	959 rVB2	55484	79636	1.81%	0.165%
52	13.128	963	966	968 rVB	120011	174911	3.98%	0.363%
53	13.197	971	972	973 rVV	77952	53681	1.22%	0.111%
54	13.231	973	975	979 rVB	94384	123552	2.81%	0.256%
55	13.322	982	983	985 rBV	41207	44790	1.02%	0.093%
56	13.357	985	986	988 rVB	56874	46413	1.06%	0.096%
57	13.425	990	992	996 rVB	154240	163755	3.72%	0.339%
58	13.505	997	999	1002 rBV4	20563	47285	1.07%	0.098%
59	13.642	1007	1011	1013 rVB	78683	96021	2.18%	0.199%
60	13.745	1017	1020	1022 rBV2	70242	120460	2.74%	0.250%
61	13.802	1024	1025	1027 rVV2	34774	49908	1.13%	0.103%
62	13.848	1027	1029	1034 rVB2	270730	394316	8.96%	0.817%
63	13.997	1039	1042	1047 rBV2	1345178	1907585	43.36%	3.954%
64	14.168	1053	1057	1058 rBV3	32004	78853	1.79%	0.163%
65	14.385	1074	1076	1078 rBV	63829	65845	1.50%	0.136%
66	14.465	1080	1083	1086 rVV4	37424	91875	2.09%	0.190%
67	14.511	1086	1087	1090 rVB2	36949	50547	1.15%	0.105%
68	14.751	1106	1108	1111 rBV2	49058	89188	2.03%	0.185%
69	15.025	1129	1132	1136 rBV	180166	385900	8.77%	0.800%
70	15.311	1154	1157	1160 rVB	96633	125367	2.85%	0.260%
71	15.368	1160	1162	1165 rBV	133782	167247	3.80%	0.347%

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72	15.425	1165	1167	1174	rVB	654164	927255	21.08%	1.922%
73	15.848	1201	1204	1207	rBV	27401	51815	1.18%	0.107%
74	16.831	1286	1290	1293	rBV	49937	106987	2.43%	0.222%
75	17.254	1323	1327	1331	rBV	36825	85955	1.95%	0.178%
76	19.403	1511	1515	1525	rVB5	10711	48755	1.11%	0.101%

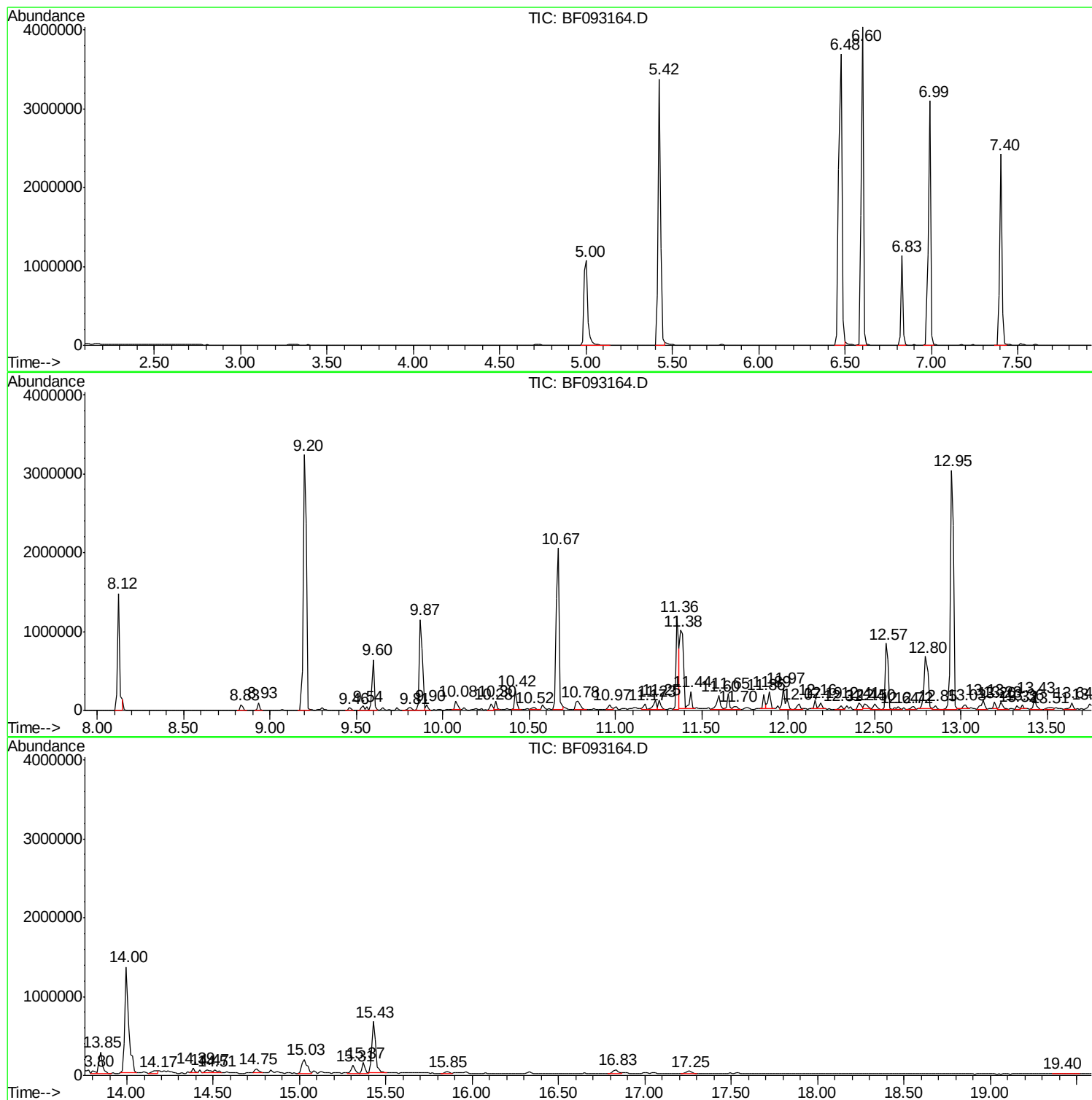
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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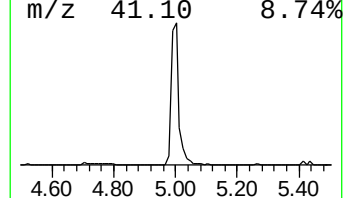
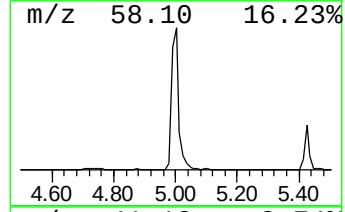
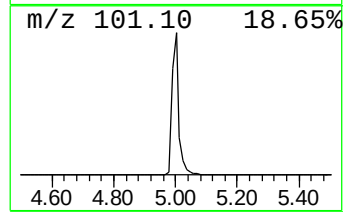
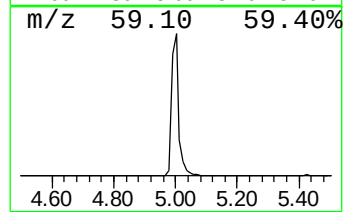
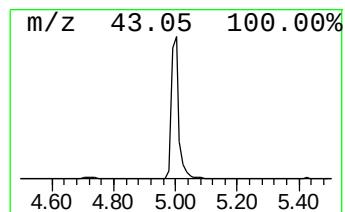
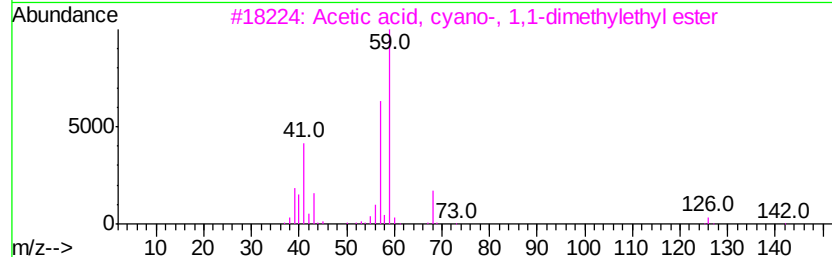
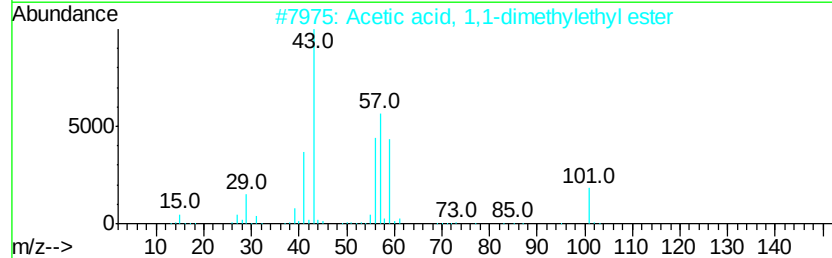
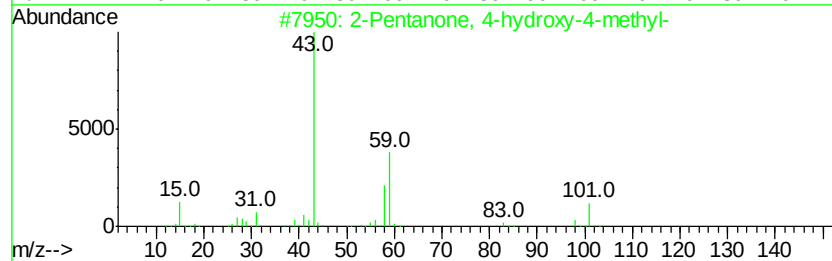
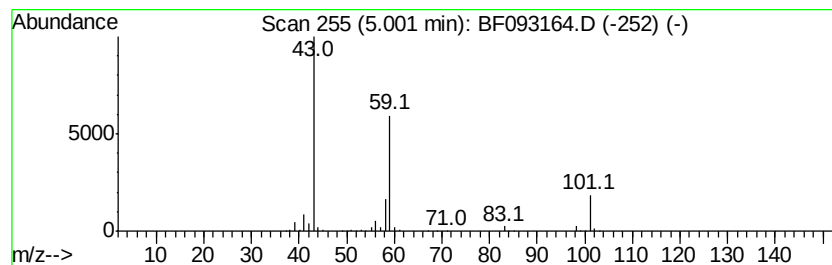
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	37.05 ng	1741540	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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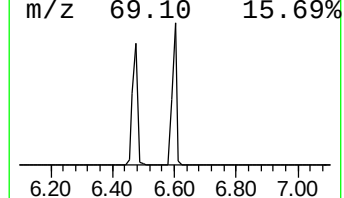
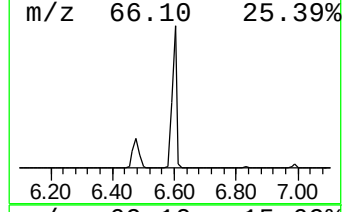
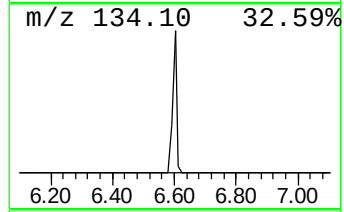
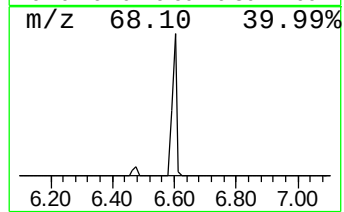
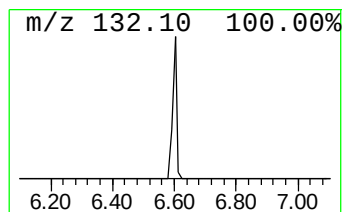
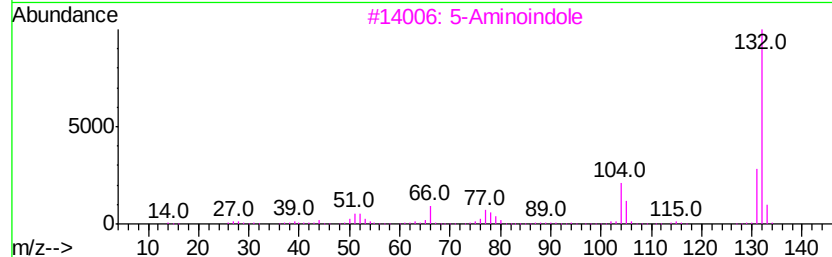
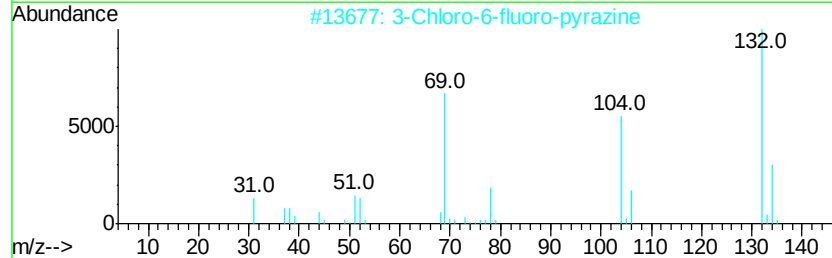
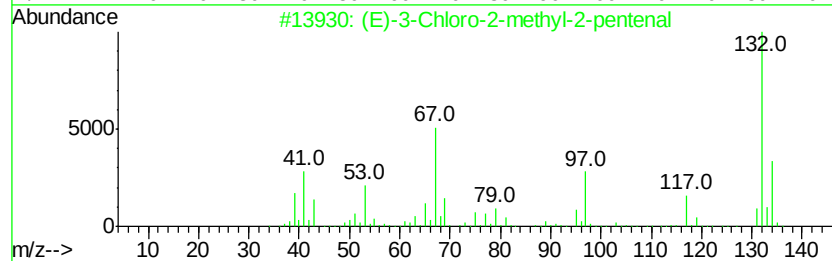
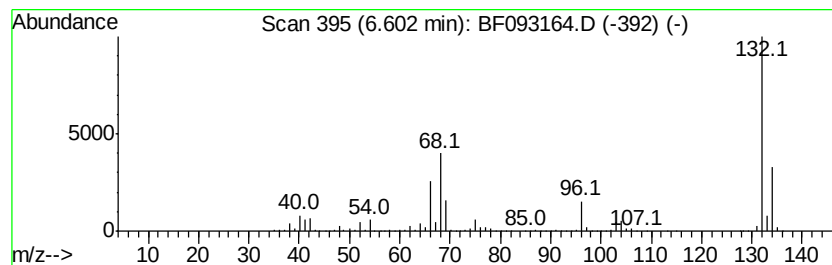
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	85.03 ng	3997110	1,4-Dichlorobenzene-d4	6.83

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



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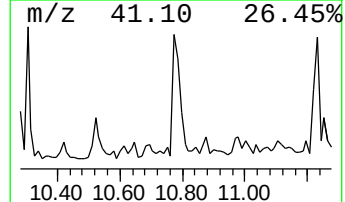
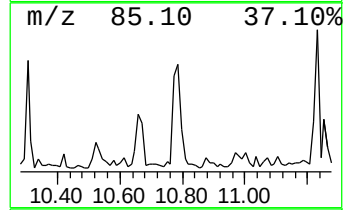
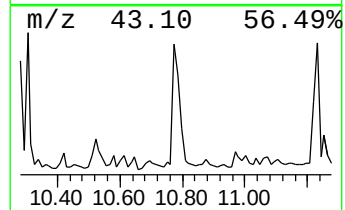
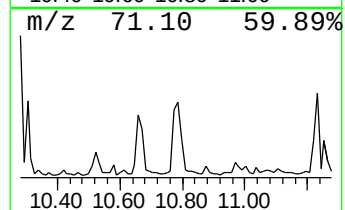
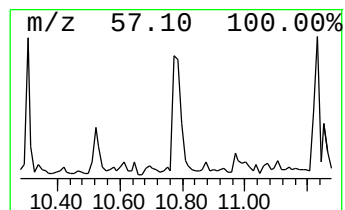
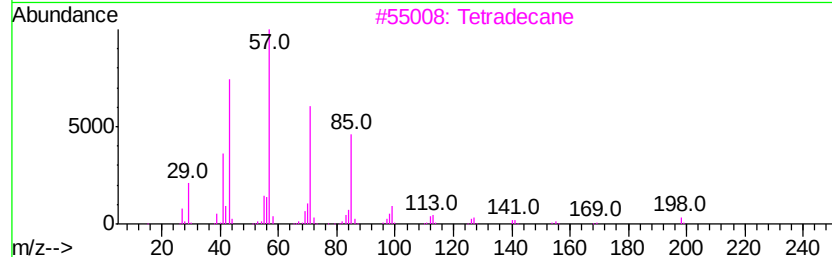
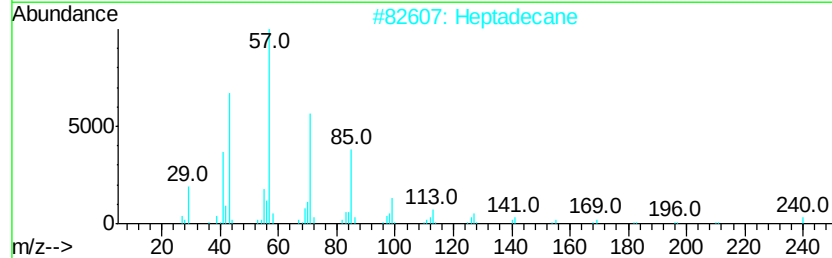
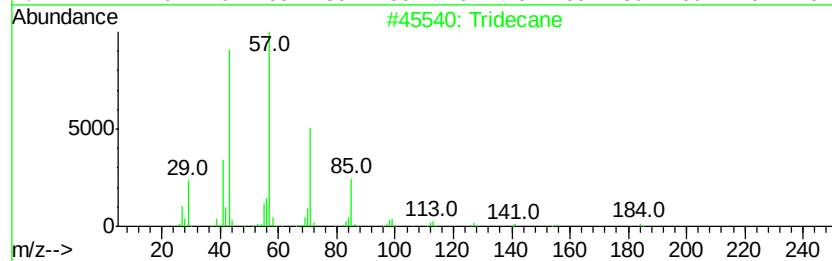
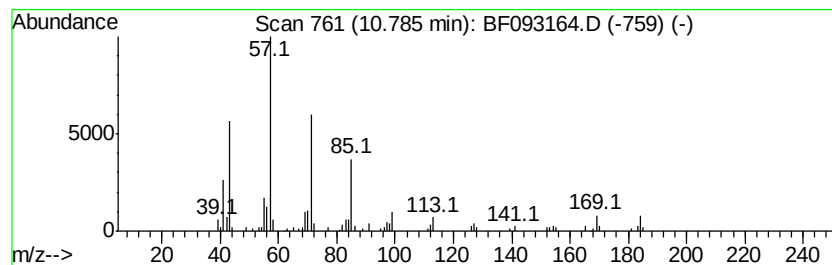
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.62 ng	179009	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Heptadecane		240	C17H36	000629-78-7	87
3	Tetradecane		198	C14H30	000629-59-4	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	Eicosane		282	C20H42	000112-95-8	87



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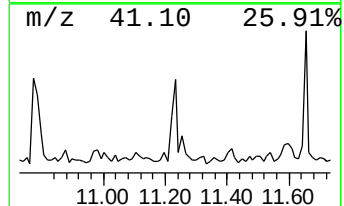
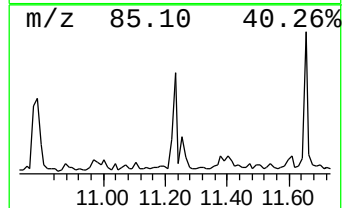
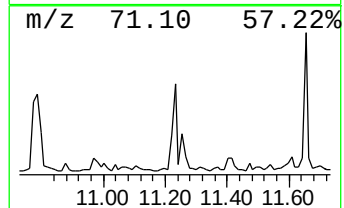
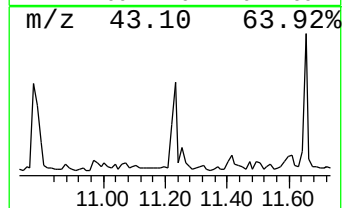
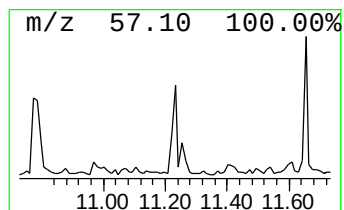
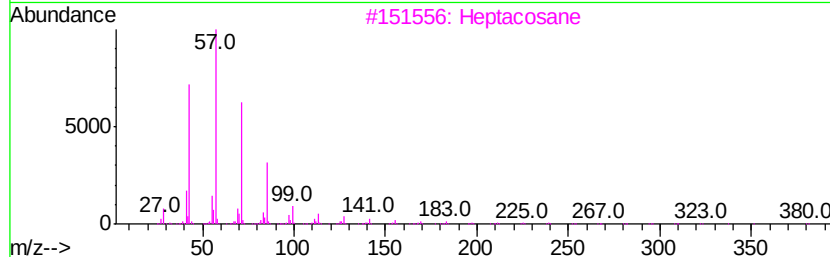
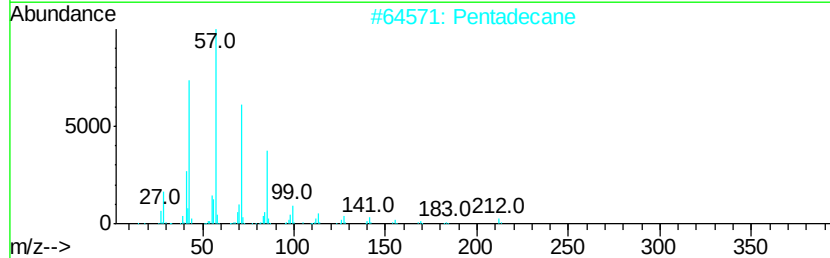
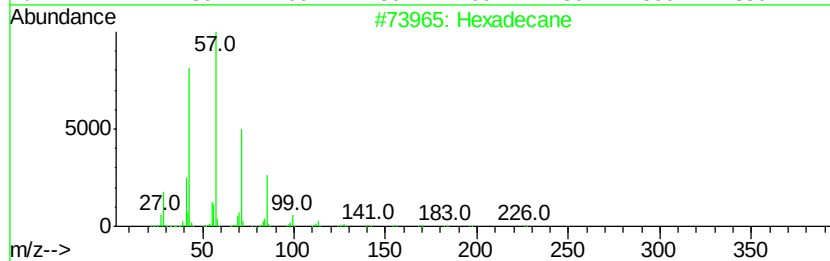
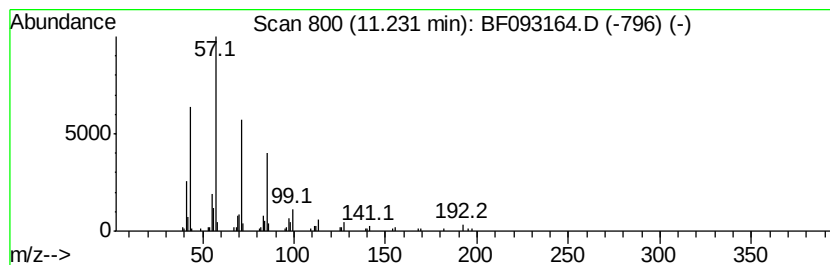
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.00 ng	136646	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	87
3	Heptacosane	380 C27H56	000593-49-7	87
4	Tetracosane	338 C24H50	000646-31-1	87
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093164.D
Acq On : 25 Feb 2017 00:26
Operator : SJ/MA
Sample : I1957-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

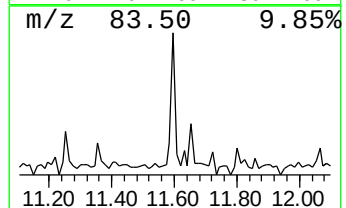
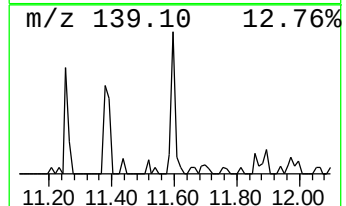
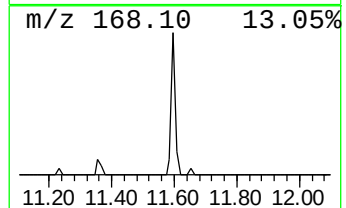
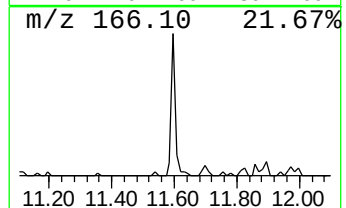
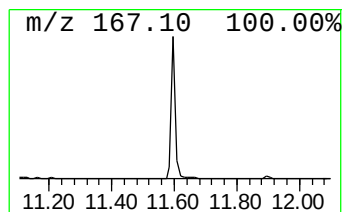
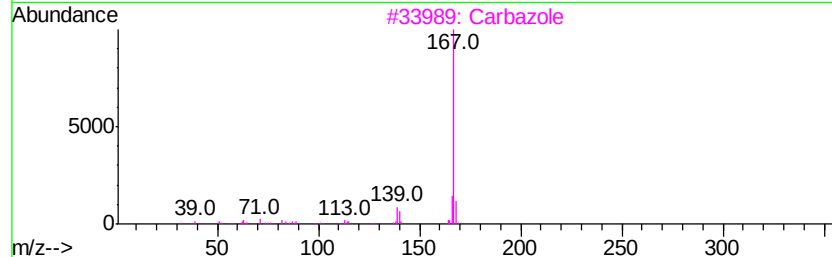
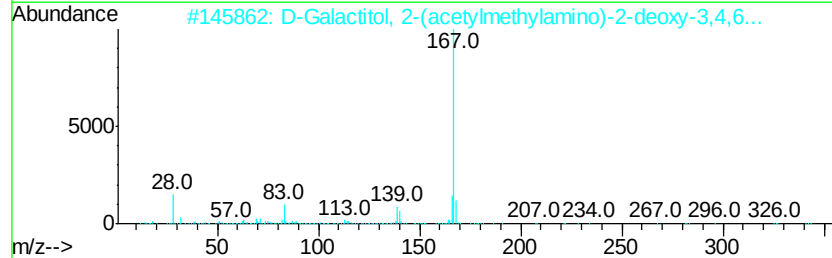
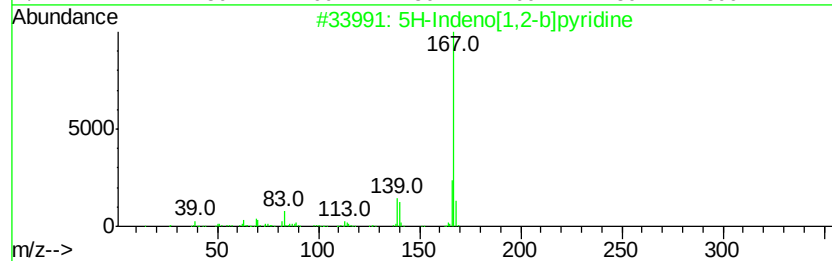
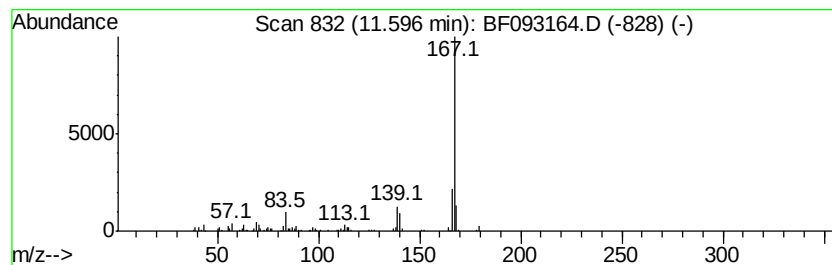
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.60	2.95 ng	201724	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29N08	074410-42-7	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093164.D
Acq On : 25 Feb 2017 00:26
Operator : SJ/MA
Sample : I1957-01
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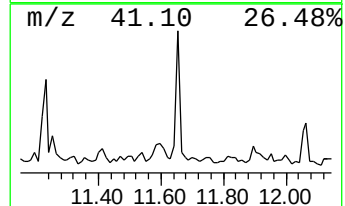
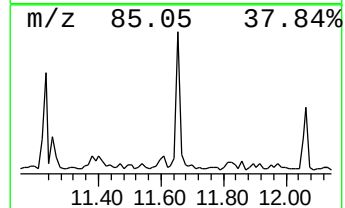
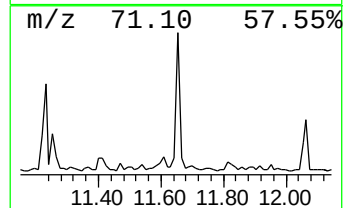
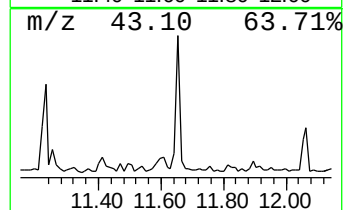
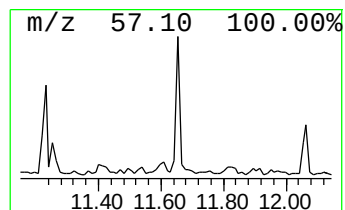
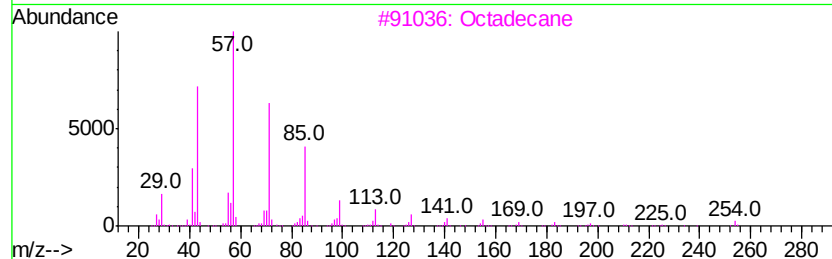
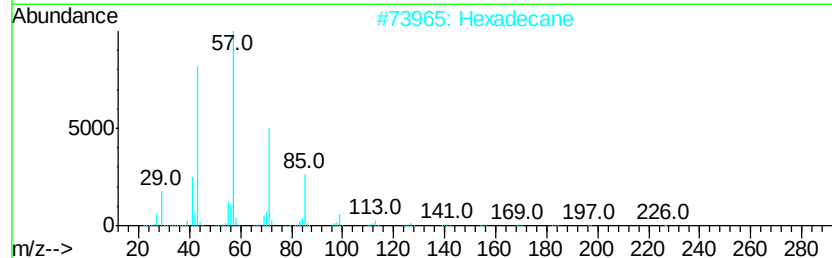
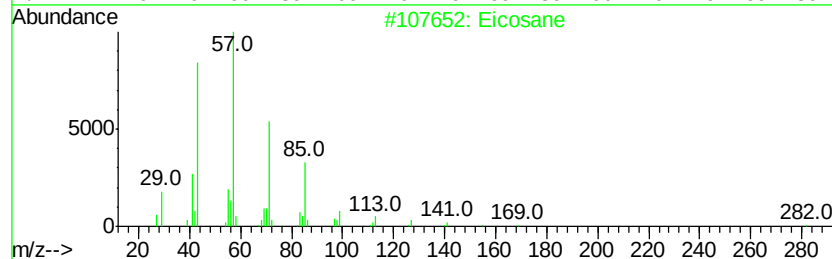
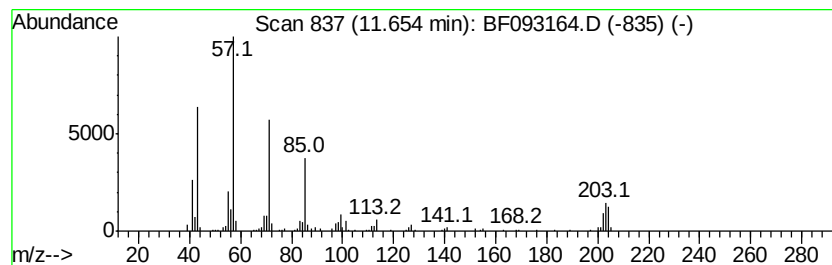
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.48 ng	169343	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	68
2		Hexadecane	226	C16H34	000544-76-3	64
3		Octadecane	254	C18H38	000593-45-3	64
4		Heneicosane	296	C21H44	000629-94-7	59
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093164.D
Acq On : 25 Feb 2017 00:26
Operator : SJ/MA
Sample : I1957-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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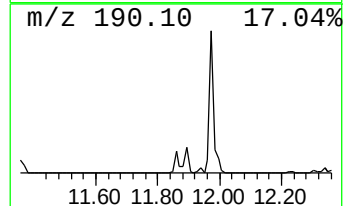
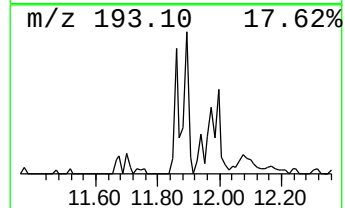
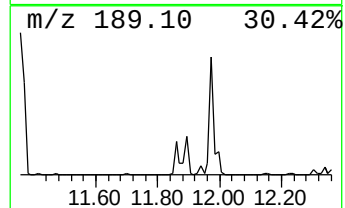
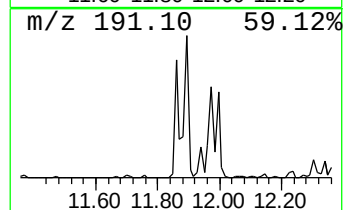
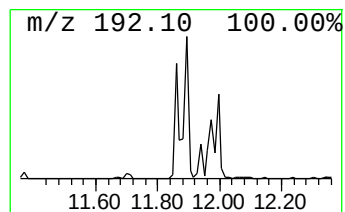
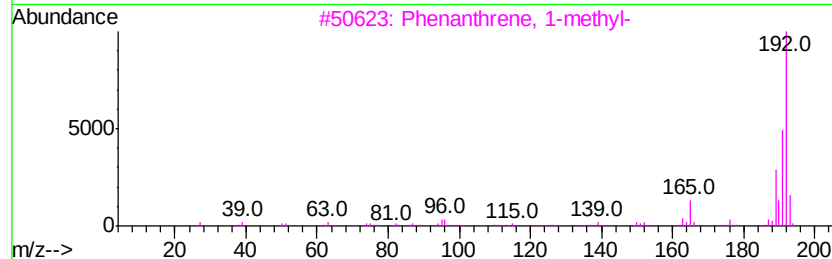
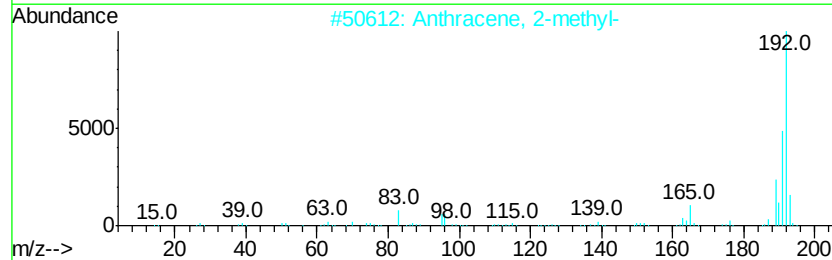
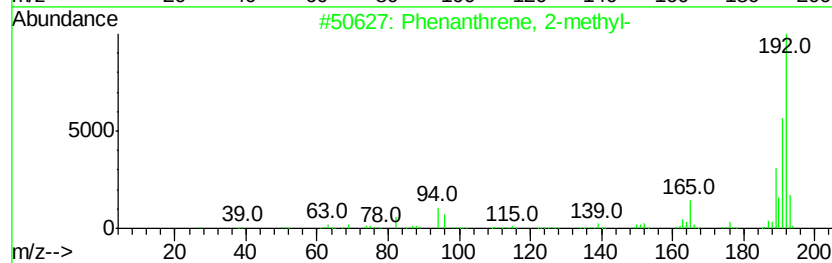
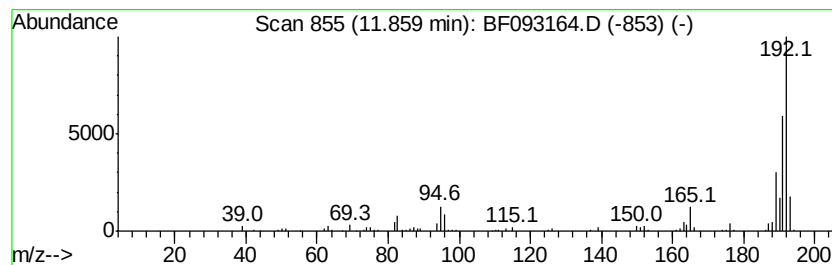
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.42 ng	165240	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093164.D
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Sample : I1957-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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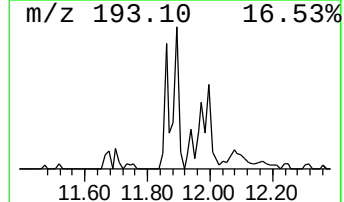
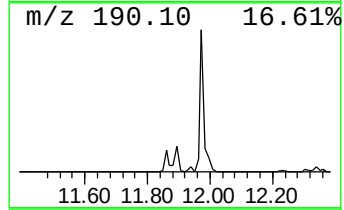
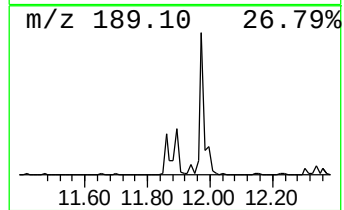
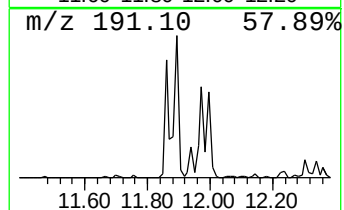
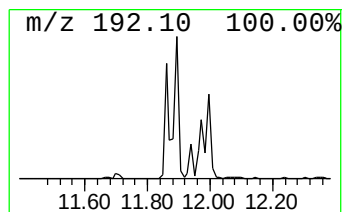
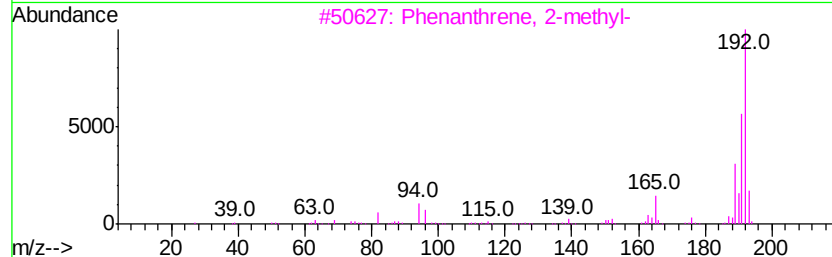
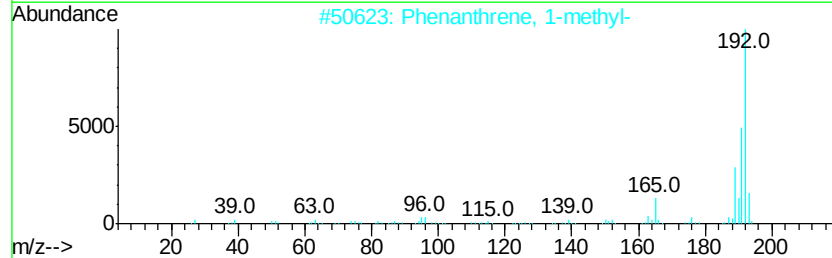
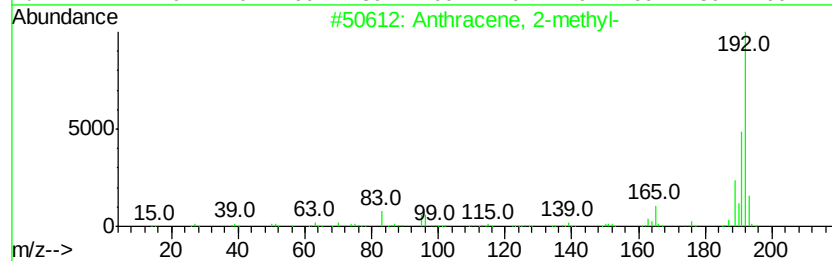
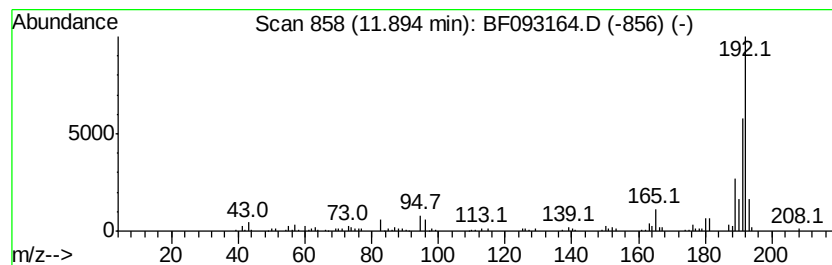
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.04 ng	207268	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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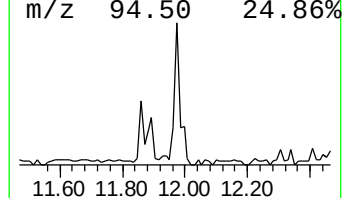
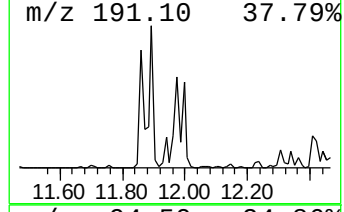
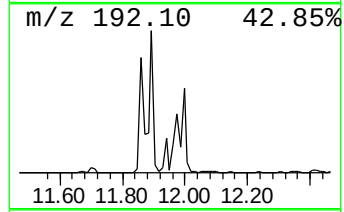
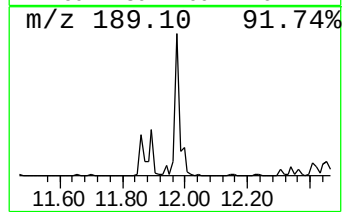
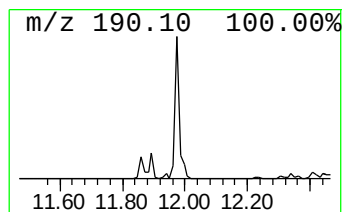
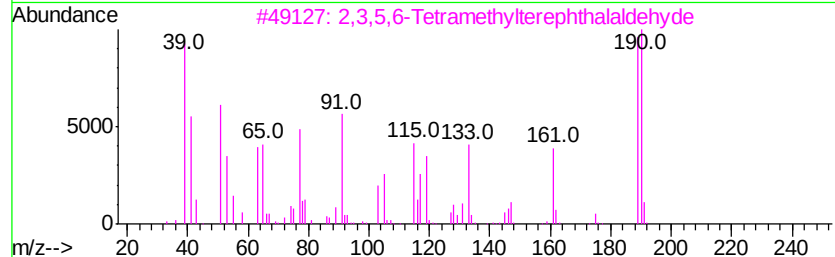
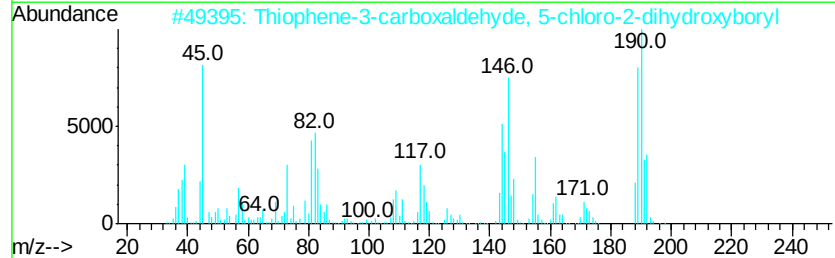
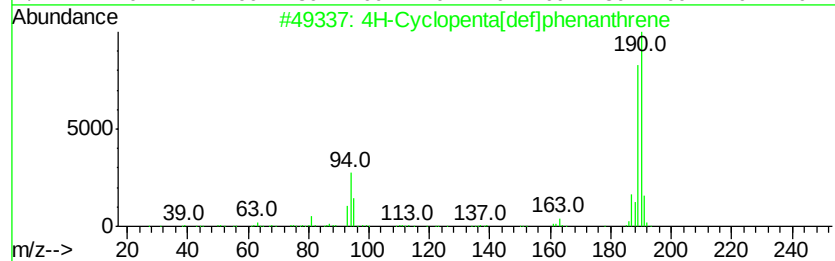
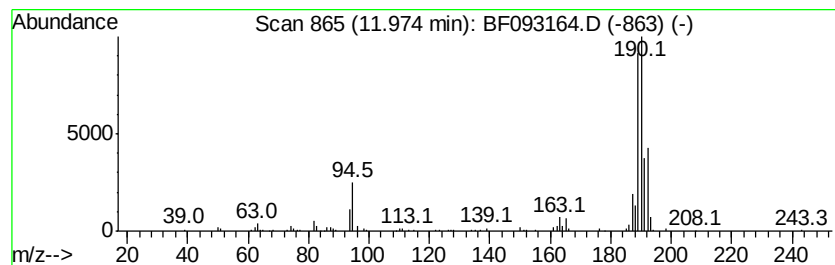
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	5.50 ng	375665	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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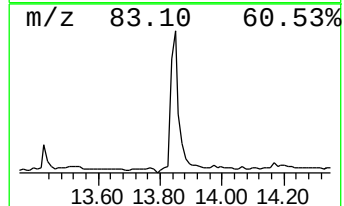
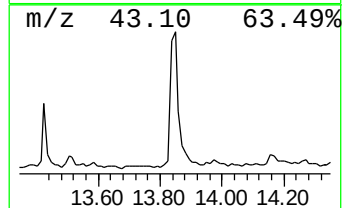
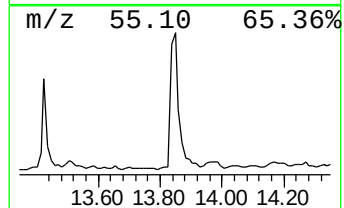
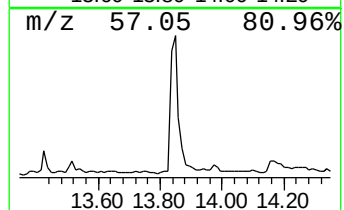
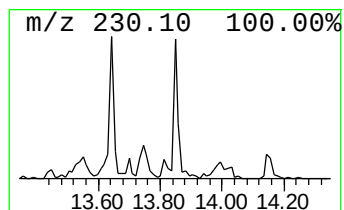
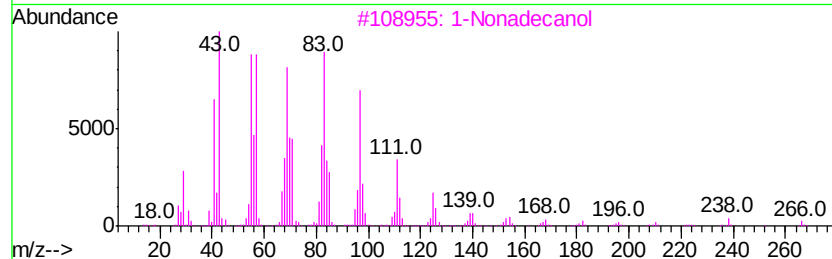
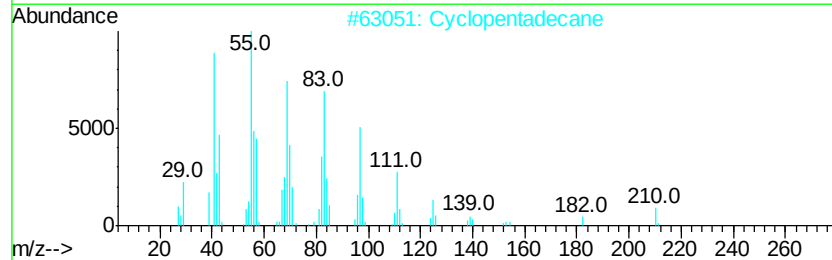
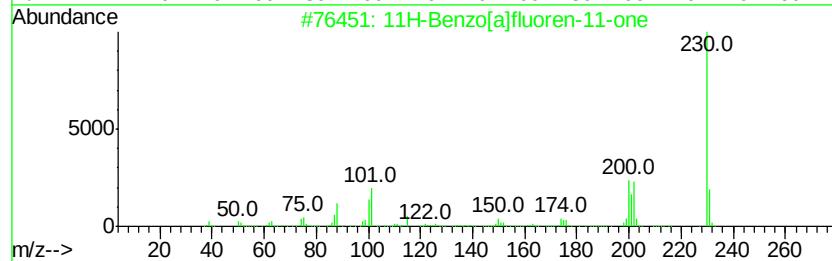
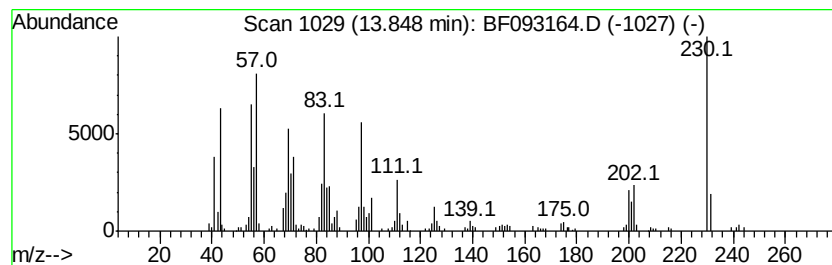
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.85	4.13 ng	394316	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[<i>a</i>]fluoren-11-one	230	C17H10O	000479-79-8	90
2		Cyclopentadecane	210	C15H30	000295-48-7	89
3		1-Nonadecanol	284	C19H40O	001454-84-8	87
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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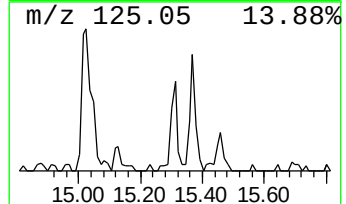
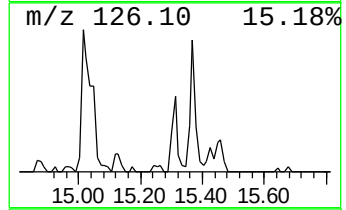
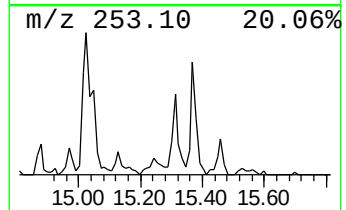
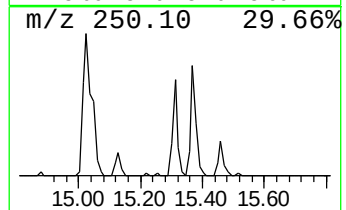
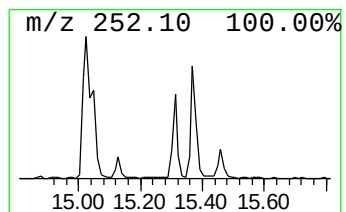
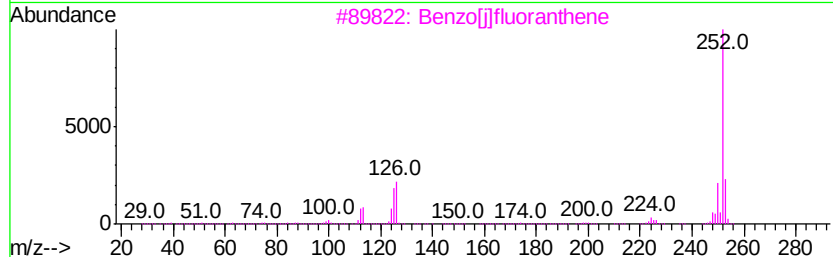
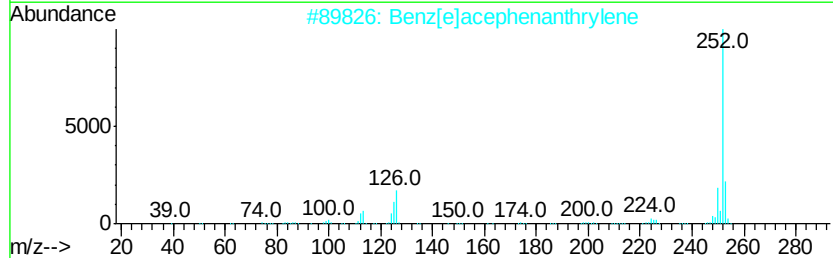
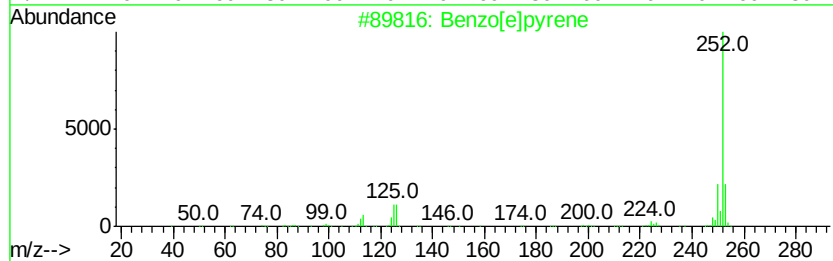
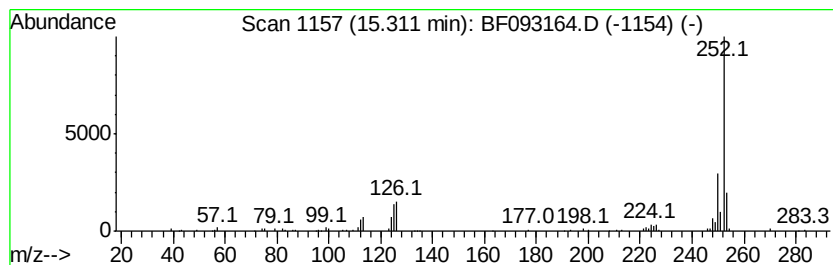
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BNA_F
ClientSampleId :
SRI-SB-3(8-10)20170221

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 12 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.70 ng	125367	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 95
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 93
3		Benzo[i]fluoranthene	252 C20H12	000205-82-3 90
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 90
5		Benzo[a]pyrene	252 C20H12	000050-32-8 90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093164.D
Acq On : 25 Feb 2017 00:26
Operator : SJ/MA
Sample : I1957-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-3(8-10)20170221

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	37.0	ng	1741540	1	6.83	940177	20.0
unknown6.60	6.60	85.0	ng	3997110	1	6.83	940177	20.0
Tridecane	10.78	2.6	ng	179009	4	11.36	1365390	20.0
Hexadecane	11.23	2.0	ng	136646	4	11.36	1365390	20.0
5H-Indeno[1,2-b]p...	11.60	3.0	ng	201724	4	11.36	1365390	20.0
Eicosane	11.65	2.5	ng	169343	4	11.36	1365390	20.0
Phenanthrene, 2-m...	11.86	2.4	ng	165240	4	11.36	1365390	20.0
Anthracene, 2-met...	11.89	3.0	ng	207268	4	11.36	1365390	20.0
4H-Cyclopenta[def...	11.97	5.5	ng	375665	4	11.36	1365390	20.0
11H-Benzo[a]fluor...	13.85	4.1	ng	394316	5	14.00	1907590	20.0
Benzo[e]pyrene	15.31	2.7	ng	125367	6	15.43	927255	20.0