

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113607.D
 Acq On : 5 Apr 2019 2:48
 Operator : JU/SJ
 Sample : K2186-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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	5.298	542	546	567	rBV	2122130	2403999	88.63%	9.591%
2	6.334	718	722	739	rBV	2289243	2712389	100.00%	10.821%
3	6.457	739	743	759	rVB	2648256	2508207	92.47%	10.007%
4	6.687	778	782	790	rBV	707068	703659	25.94%	2.807%
5	6.840	804	808	823	rBV	2141313	1927195	71.05%	7.689%
6	7.251	873	878	890	rBV	1291700	1328708	48.99%	5.301%
7	7.969	996	1000	1006	rBV	858544	850342	31.35%	3.393%
8	8.510	1089	1092	1097	rVB3	28118	29667	1.09%	0.118%
9	8.734	1128	1130	1134	rBV	29160	30975	1.14%	0.124%
10	8.781	1135	1138	1144	rVB2	21108	30728	1.13%	0.123%
11	8.916	1155	1161	1165	rBV9	15521	34277	1.26%	0.137%
12	8.957	1165	1168	1171	rVV2	36509	32316	1.19%	0.129%
13	9.039	1178	1182	1188	rBV	2882163	2508006	92.46%	10.006%
14	9.116	1192	1195	1202	rBV3	83326	129310	4.77%	0.516%
15	9.381	1237	1240	1242	rBV2	33998	35778	1.32%	0.143%
16	9.434	1245	1249	1254	rVB2	176233	208058	7.67%	0.830%
17	9.581	1271	1274	1277	rBV2	77137	93544	3.45%	0.373%
18	9.628	1280	1282	1285	rVB	93182	71172	2.62%	0.284%
19	9.657	1285	1287	1291	rBV3	34474	42521	1.57%	0.170%
20	9.716	1291	1297	1301	rBV	1000217	926134	34.14%	3.695%
21	9.745	1301	1302	1307	rVB2	36848	45416	1.67%	0.181%
22	10.033	1349	1351	1353	rBV	41961	44412	1.64%	0.177%
23	10.122	1363	1366	1369	rBV2	90438	83431	3.08%	0.333%
24	10.263	1387	1390	1396	rVB2	57239	70847	2.61%	0.283%
25	10.504	1427	1431	1439	rBV	1460565	1384801	51.05%	5.525%
26	10.633	1449	1453	1460	rVB2	95410	138034	5.09%	0.551%
27	11.198	1545	1549	1551	rBV	886534	811966	29.94%	3.239%
28	11.222	1551	1553	1558	rVV	531415	434362	16.01%	1.733%
29	11.275	1559	1562	1565	rVB	165650	140673	5.19%	0.561%
30	11.698	1631	1634	1636	rBV	115932	95962	3.54%	0.383%
31	11.727	1636	1639	1645	rVB2	232871	263932	9.73%	1.053%
32	11.810	1650	1653	1655	rBV	159839	142458	5.25%	0.568%
33	12.245	1724	1727	1730	rBV	151607	149067	5.50%	0.595%
34	12.410	1751	1755	1758	rBV	732780	710490	26.19%	2.835%

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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35	12.633	1788	1793	1796	rBV	771953	780318	28.77%	3.113%
36	12.774	1814	1817	1820	rBV	2033248	1896966	69.94%	7.568%
37	13.810	1990	1993	1995	rBV	653453	802440	29.58%	3.201%
38	15.239	2234	2236	2243	rVB2	375838	462439	17.05%	1.845%

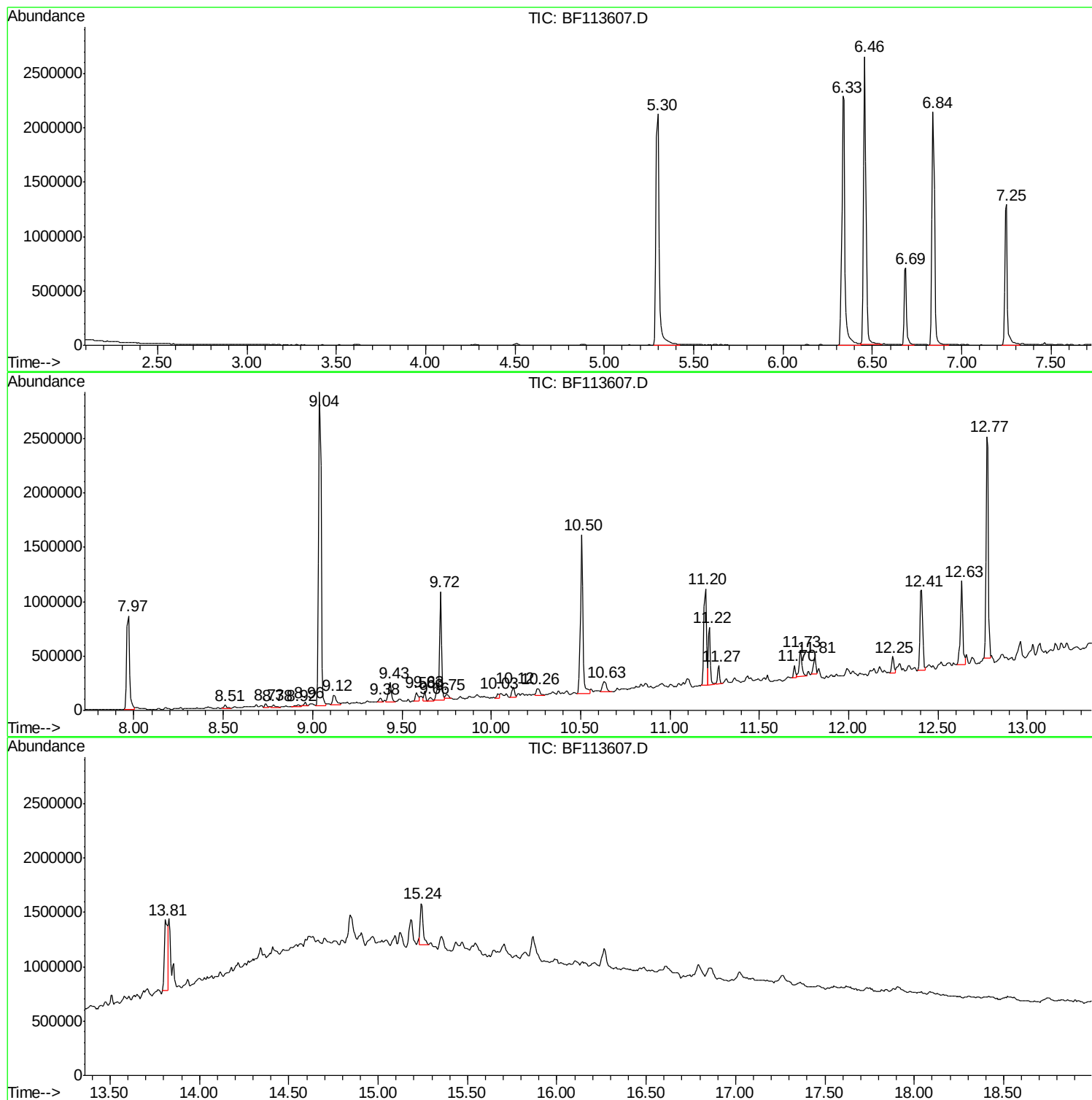
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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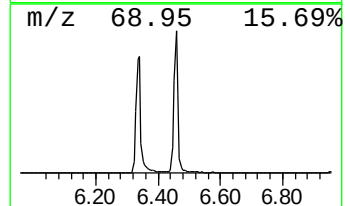
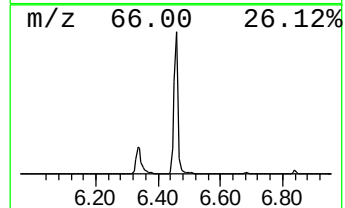
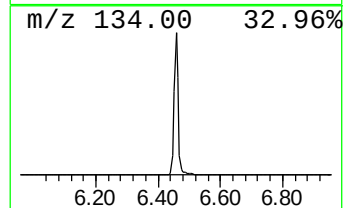
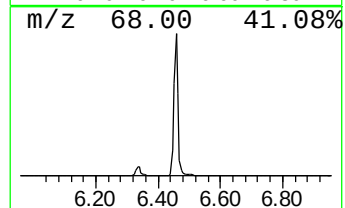
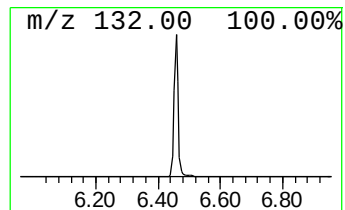
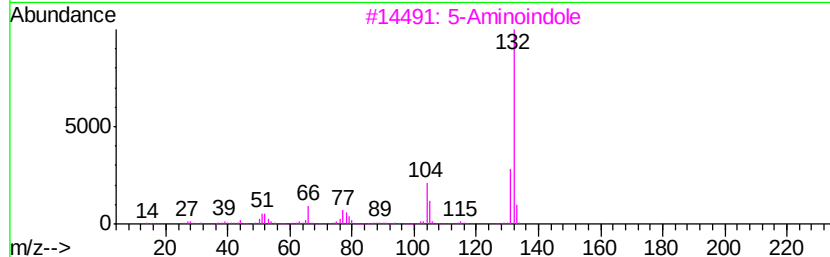
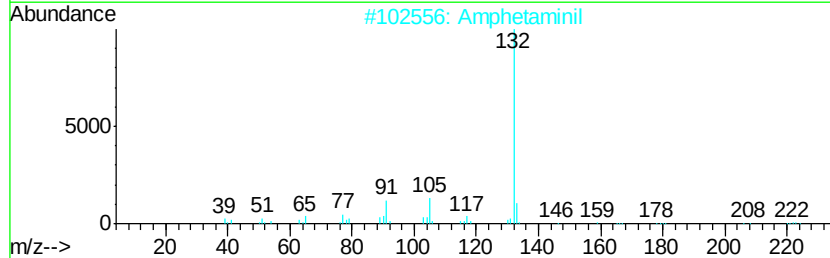
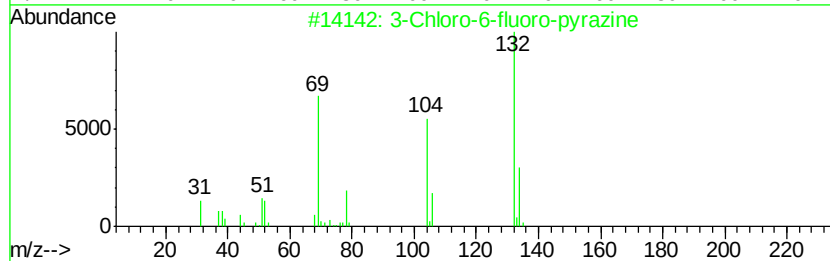
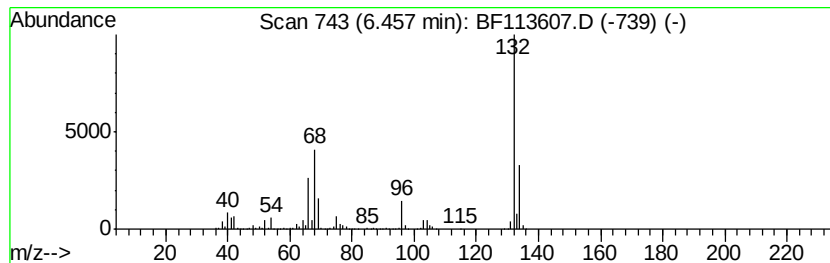
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	71.29 ng	2508210	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Amphetaminil	250	C17H18N2	017590-01-1	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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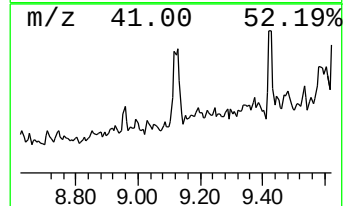
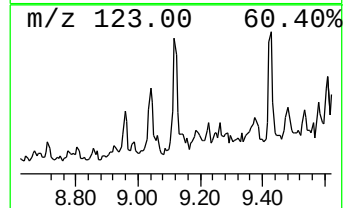
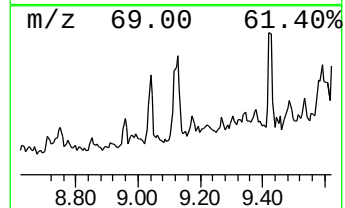
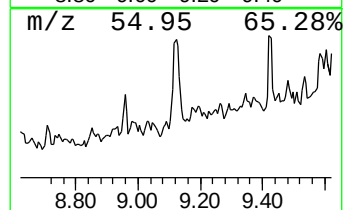
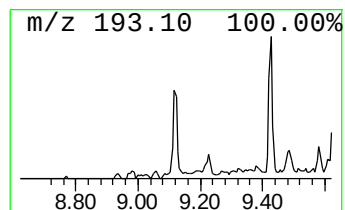
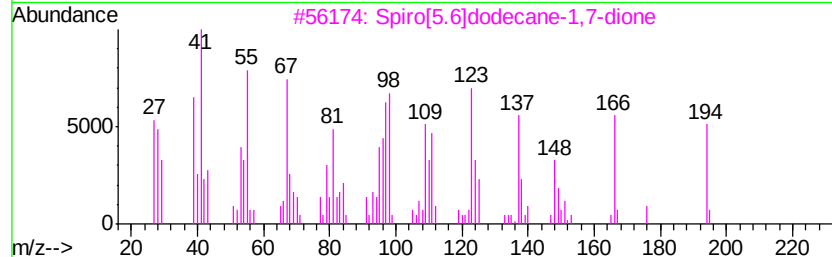
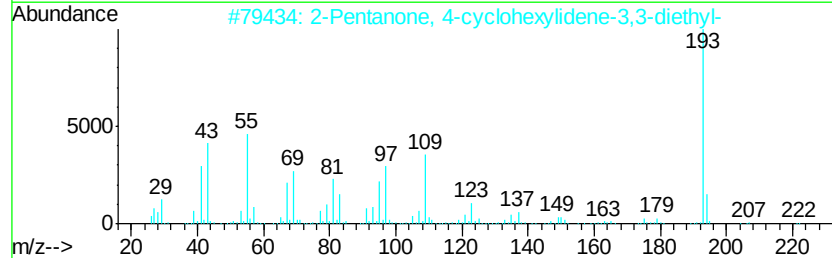
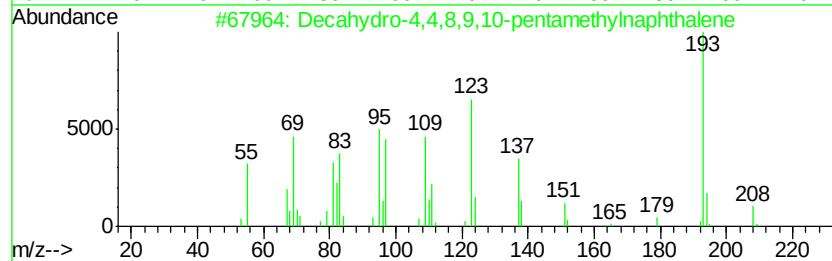
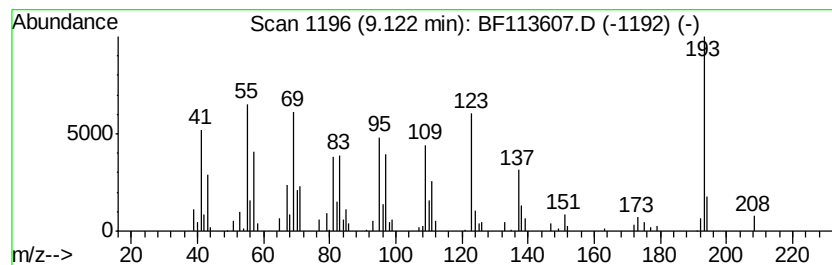
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.12	2.79 ng	129310	Acenaphthene-d10	9.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	58
3		Spiro[5.6]dodecane-1,7-dione	194	C12H18O2	050803-80-0	38
4		9-Vinylcarbazole	193	C14H11N	001484-13-5	35
5		2-Anthracenamine	193	C14H11N	000613-13-8	30



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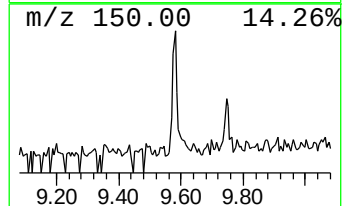
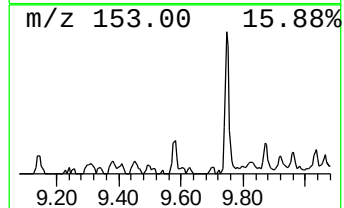
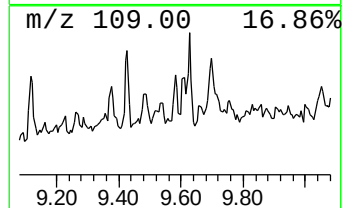
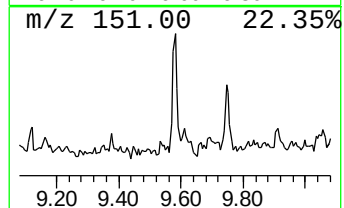
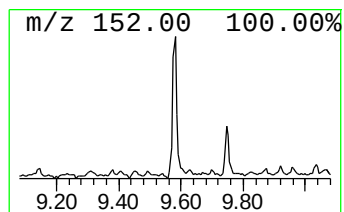
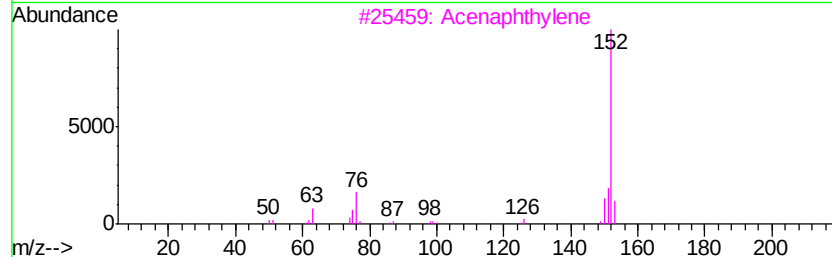
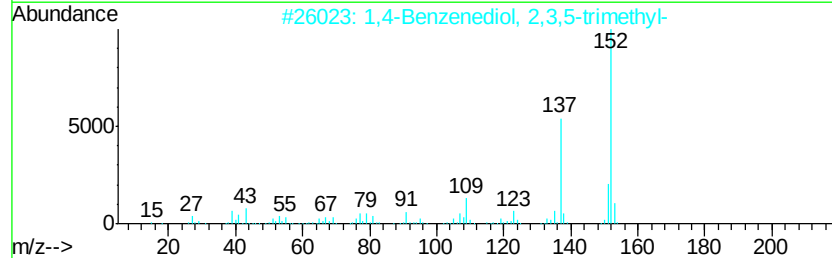
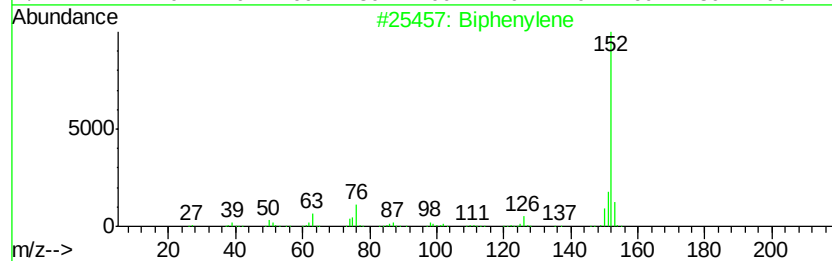
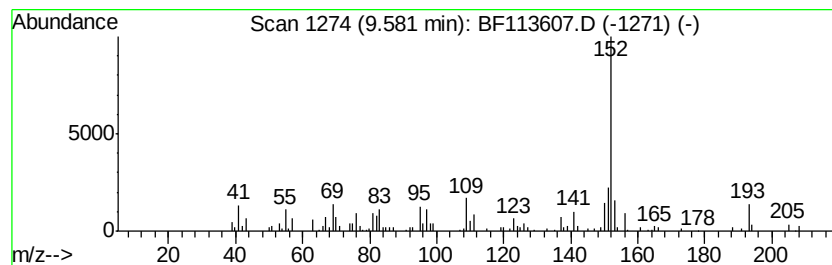
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Biphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.02 ng	93544	Acenaphthene-d10	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	70
2	1,4-Benzenediol, 2,3,5-trimethyl-		152	C9H12O2	000700-13-0	53
3	Acenaphthylene		152	C12H8	000208-96-8	52
4	(6Balpha,7beta,11alpha,11aalpha)...		334	C25H18O	1000241-69-8	50
5	Vanillin, acetate		194	C10H10O4	000881-68-5	46



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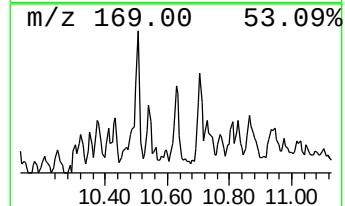
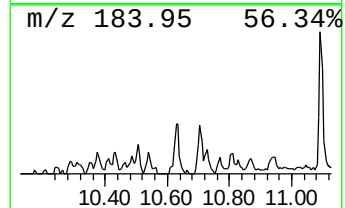
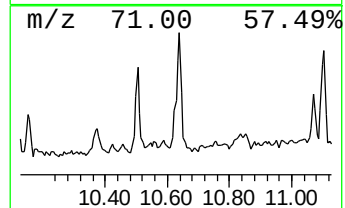
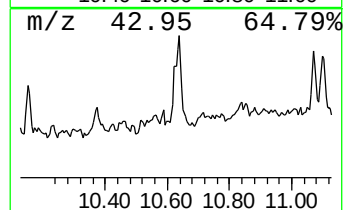
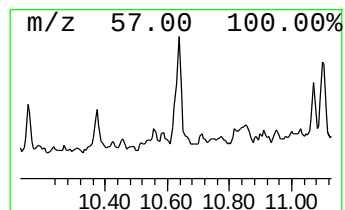
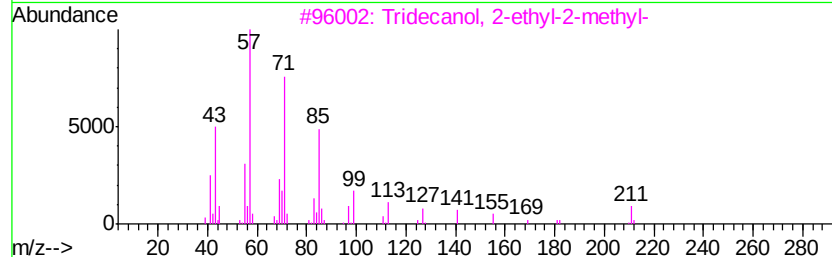
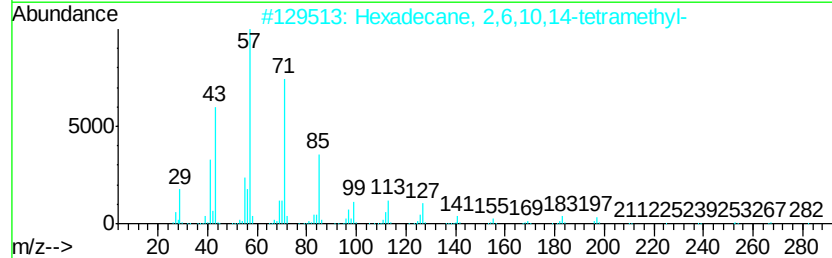
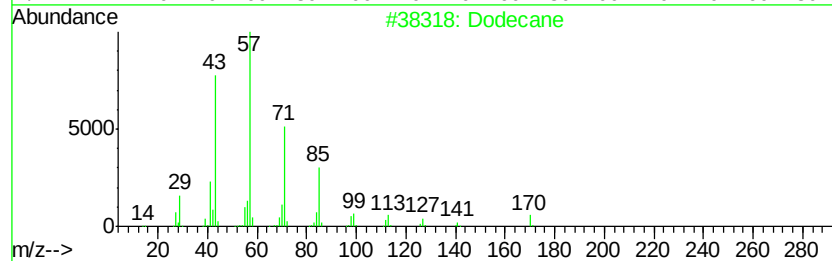
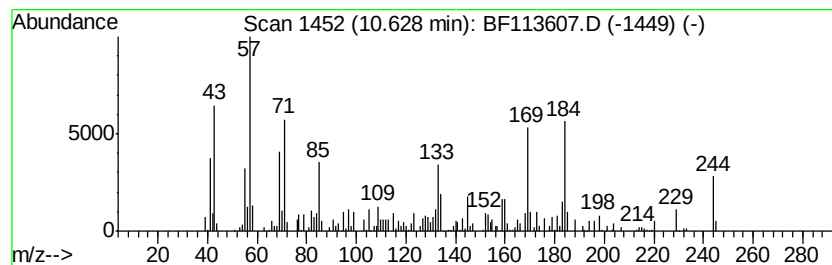
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown10.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	3.40 ng	138034	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	46
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	41
3	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	41
4	Hexacosane		366	C26H54	000630-01-3	41
5	Docosane		310	C22H46	000629-97-0	38



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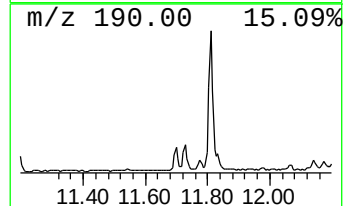
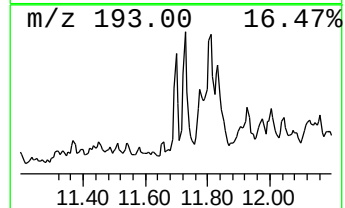
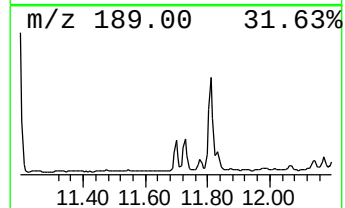
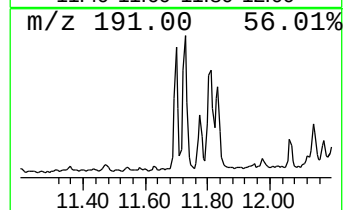
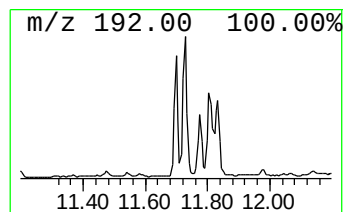
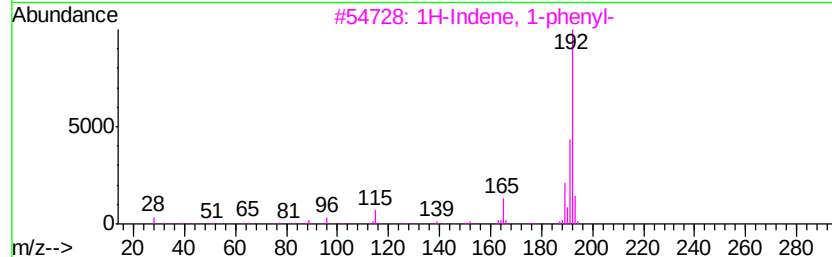
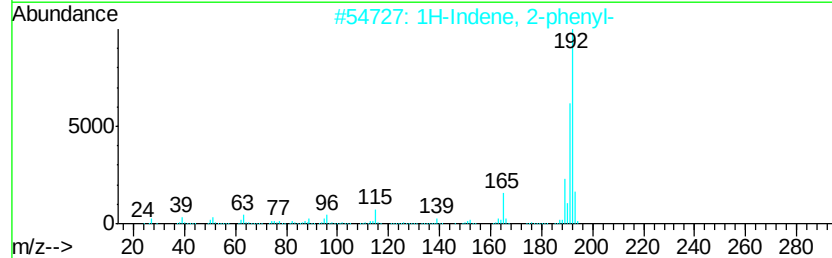
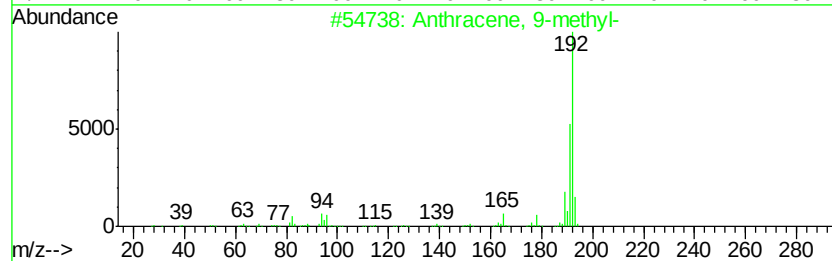
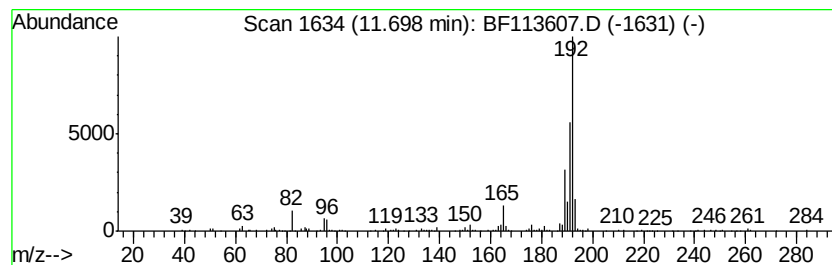
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Peak Number 6 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.70	2.36 ng	95962	Phenanthrene-d10		11.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113607.D
Acq On : 5 Apr 2019 2:48
Operator : JU/SJ
Sample : K2186-09
Misc :
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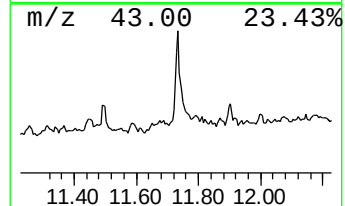
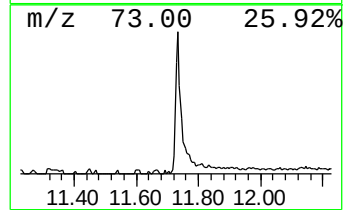
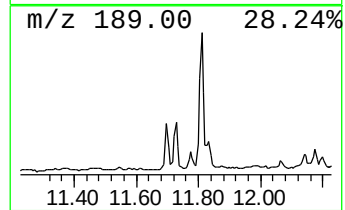
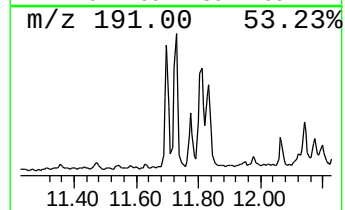
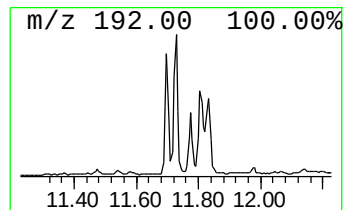
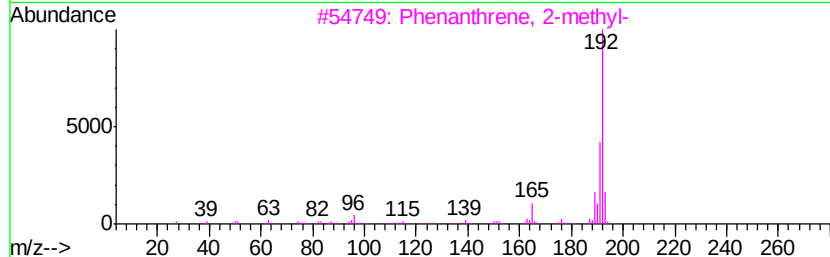
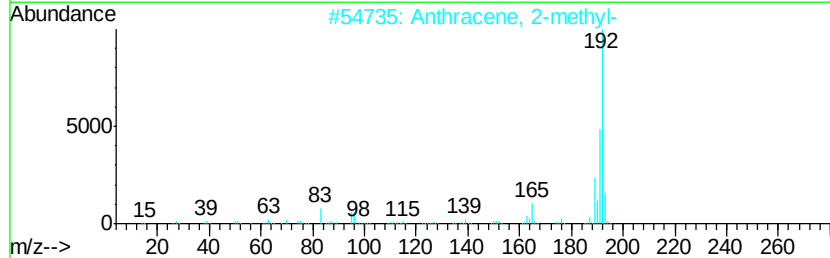
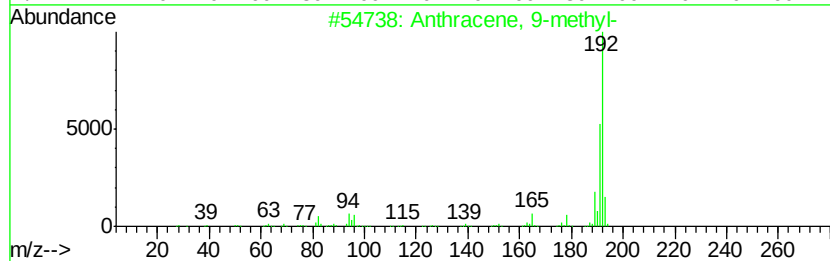
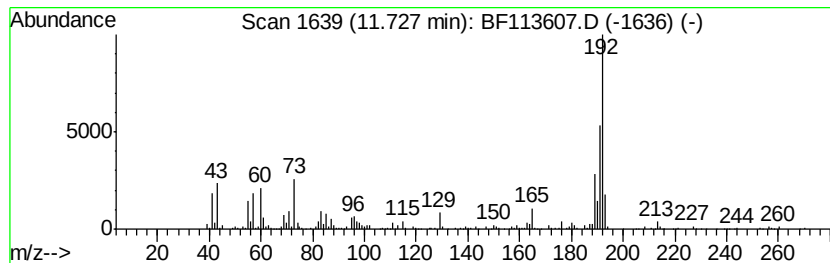
Instrument :
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ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	6.50 ng	263932	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113607.D
Acq On : 5 Apr 2019 2:48
Operator : JU/SJ
Sample : K2186-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

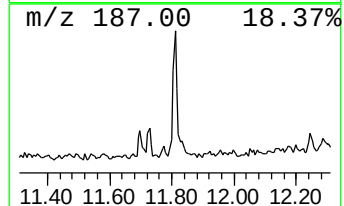
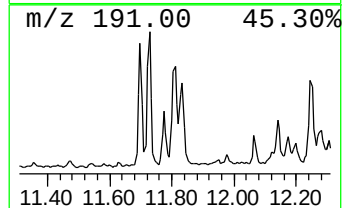
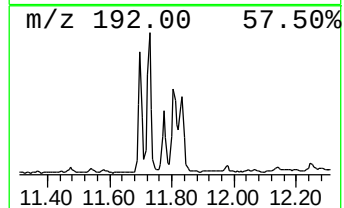
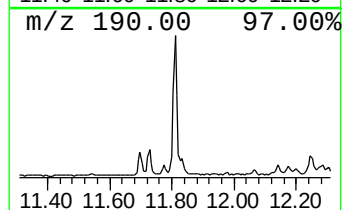
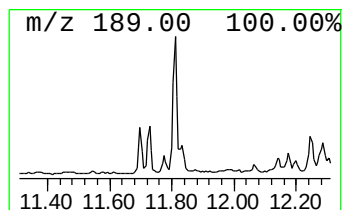
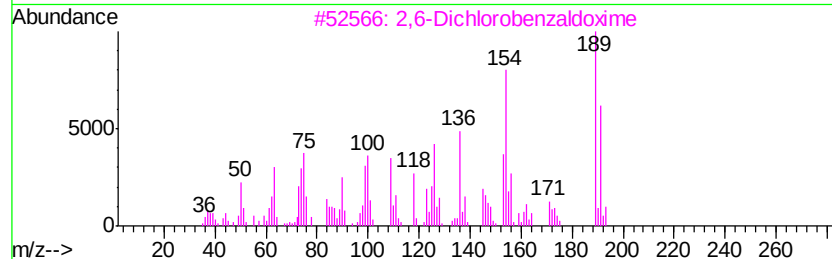
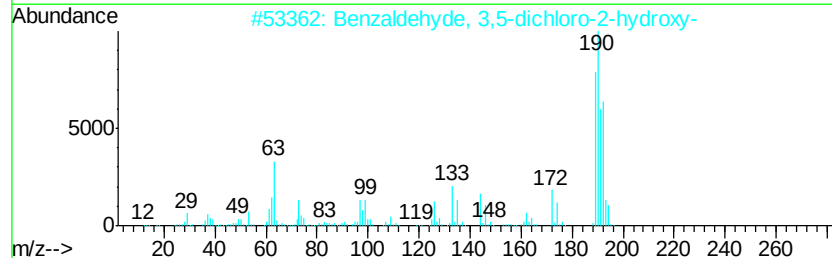
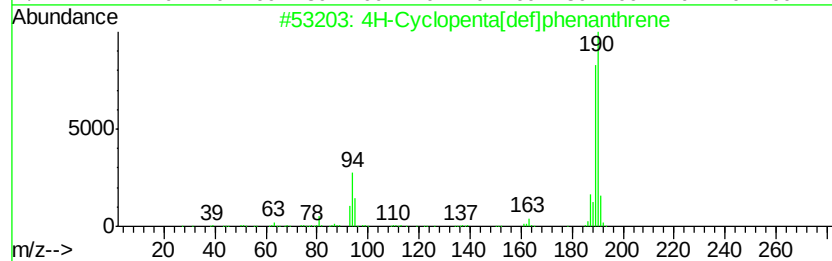
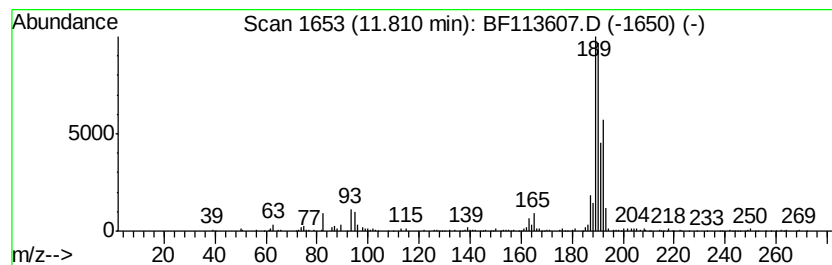
Instrument :
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ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	3.51 ng	142458	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	38
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113607.D
Acq On : 5 Apr 2019 2:48
Operator : JU/SJ
Sample : K2186-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

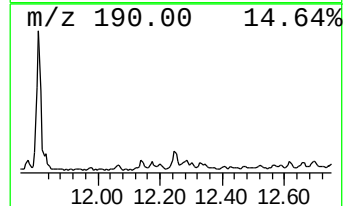
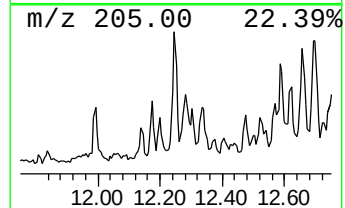
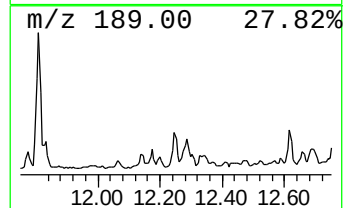
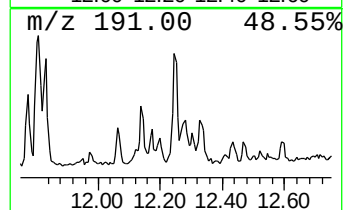
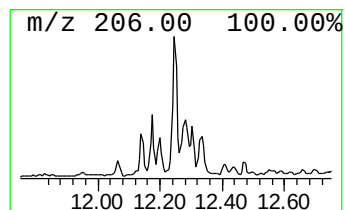
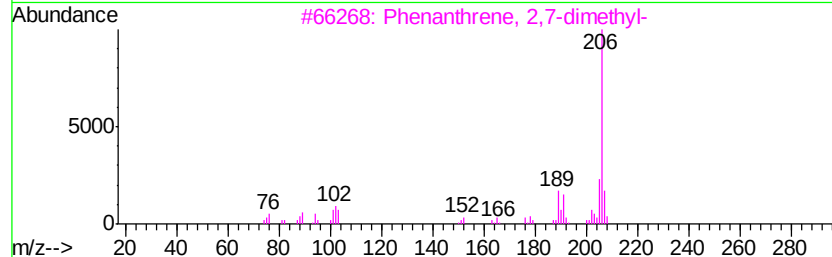
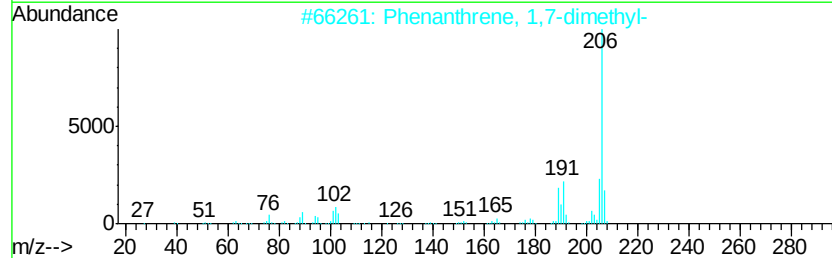
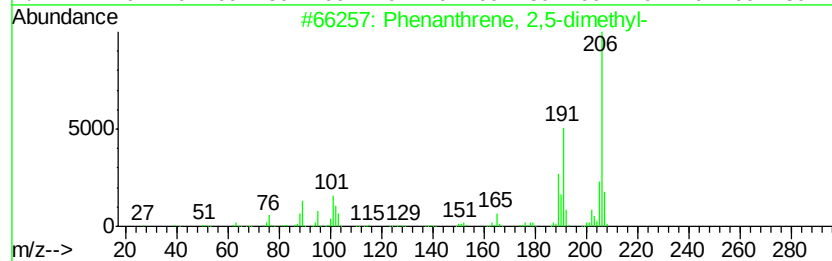
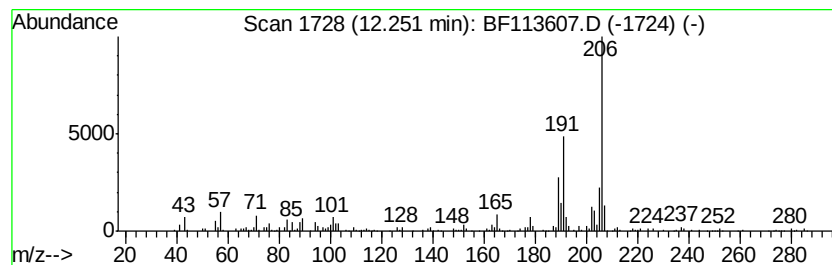
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.67 ng	149067	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113607.D
Acq On : 5 Apr 2019 2:48
Operator : JU/SJ
Sample : K2186-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Decahydro-4,4,8,9...	9.12	2.8	ng	129310	3	9.72	926134	20.0
Biphenylene	9.58	2.0	ng	93544	3	9.72	926134	20.0
unknown10.63	10.63	3.4	ng	138034	4	11.20	811966	20.0
Anthracene, 9-met...	11.70	2.4	ng	95962	4	11.20	811966	20.0
Anthracene, 2-met...	11.73	6.5	ng	263932	4	11.20	811966	20.0
4H-Cyclopenta[def...	11.81	3.5	ng	142458	4	11.20	811966	20.0
Phenanthrene, 2,5...	12.25	3.7	ng	149067	4	11.20	811966	20.0