

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103887.D
 Acq On : 23 Mar 2018 18:20
 Operator : JU/SJ
 Sample : J2009-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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	2.322	35	40	47	rVB	121688	165290	5.72%	0.629%
2	5.222	528	533	542	rVB	120732	157426	5.45%	0.599%
3	5.604	593	598	601	rBV	2941769	2805557	97.05%	10.670%
4	6.598	762	767	785	rVB	2491573	2890706	100.00%	10.994%
5	6.745	788	792	796	rBV	2940270	2850826	98.62%	10.843%
6	6.975	828	831	835	rVB	963409	783678	27.11%	2.981%
7	7.134	854	858	861	rBV	2766188	2275532	78.72%	8.655%
8	7.539	922	927	930	rBV	1849411	1643728	56.86%	6.252%
9	8.257	1046	1049	1055	rBV	1111690	937111	32.42%	3.564%
10	9.333	1228	1232	1235	rBV	2907011	2585803	89.45%	9.835%
11	9.398	1240	1243	1247	rVB	39323	31605	1.09%	0.120%
12	9.722	1292	1298	1305	rVB	265603	239850	8.30%	0.912%
13	9.927	1330	1333	1337	rVB	96882	78748	2.72%	0.300%
14	10.016	1345	1348	1352	rBV2	935915	846822	29.29%	3.221%
15	10.427	1416	1418	1421	rVB	100624	84715	2.93%	0.322%
16	10.651	1451	1456	1458	rBV	32897	39183	1.36%	0.149%
17	10.810	1479	1483	1491	rBV	1499035	1354721	46.86%	5.152%
18	10.904	1496	1499	1508	rBV	83897	102559	3.55%	0.390%
19	11.357	1573	1576	1578	rBV	44180	39530	1.37%	0.150%
20	11.510	1599	1602	1605	rBV	871554	793568	27.45%	3.018%
21	11.533	1605	1606	1610	rVB	235218	169187	5.85%	0.643%
22	11.586	1612	1615	1618	rVB	56451	43000	1.49%	0.164%
23	12.016	1685	1688	1690	rBV2	81309	81388	2.82%	0.310%
24	12.039	1690	1692	1696	rVB	71864	71122	2.46%	0.271%
25	12.127	1704	1707	1709	rBV2	75489	86514	2.99%	0.329%
26	12.151	1709	1711	1715	rVB	44698	38482	1.33%	0.146%
27	12.310	1735	1738	1740	rBV	34218	31710	1.10%	0.121%
28	12.339	1740	1743	1749	rVB4	30195	33030	1.14%	0.126%
29	12.563	1778	1781	1785	rBV	65560	87184	3.02%	0.332%
30	12.651	1793	1796	1800	rBV4	34479	46715	1.62%	0.178%
31	12.733	1806	1810	1813	rBV	361539	342723	11.86%	1.303%
32	12.963	1843	1849	1854	rBV	397325	447948	15.50%	1.704%
33	13.010	1854	1857	1862	rBV4	53764	65562	2.27%	0.249%
34	13.098	1868	1872	1875	rBV	2340843	2082299	72.03%	7.920%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.286	1902	1904	1909	rVB	67239	66487	2.30%	0.253%
36	13.357	1913	1916	1918	rBV	49982	58465	2.02%	0.222%
37	13.974	2018	2021	2025	rBV2	303908	298518	10.33%	1.135%
38	14.163	2049	2053	2056	rBV2	763381	896623	31.02%	3.410%
39	14.192	2056	2058	2062	rVB	192835	162365	5.62%	0.618%
40	15.709	2312	2316	2321	rBV2	372627	476479	16.48%	1.812%

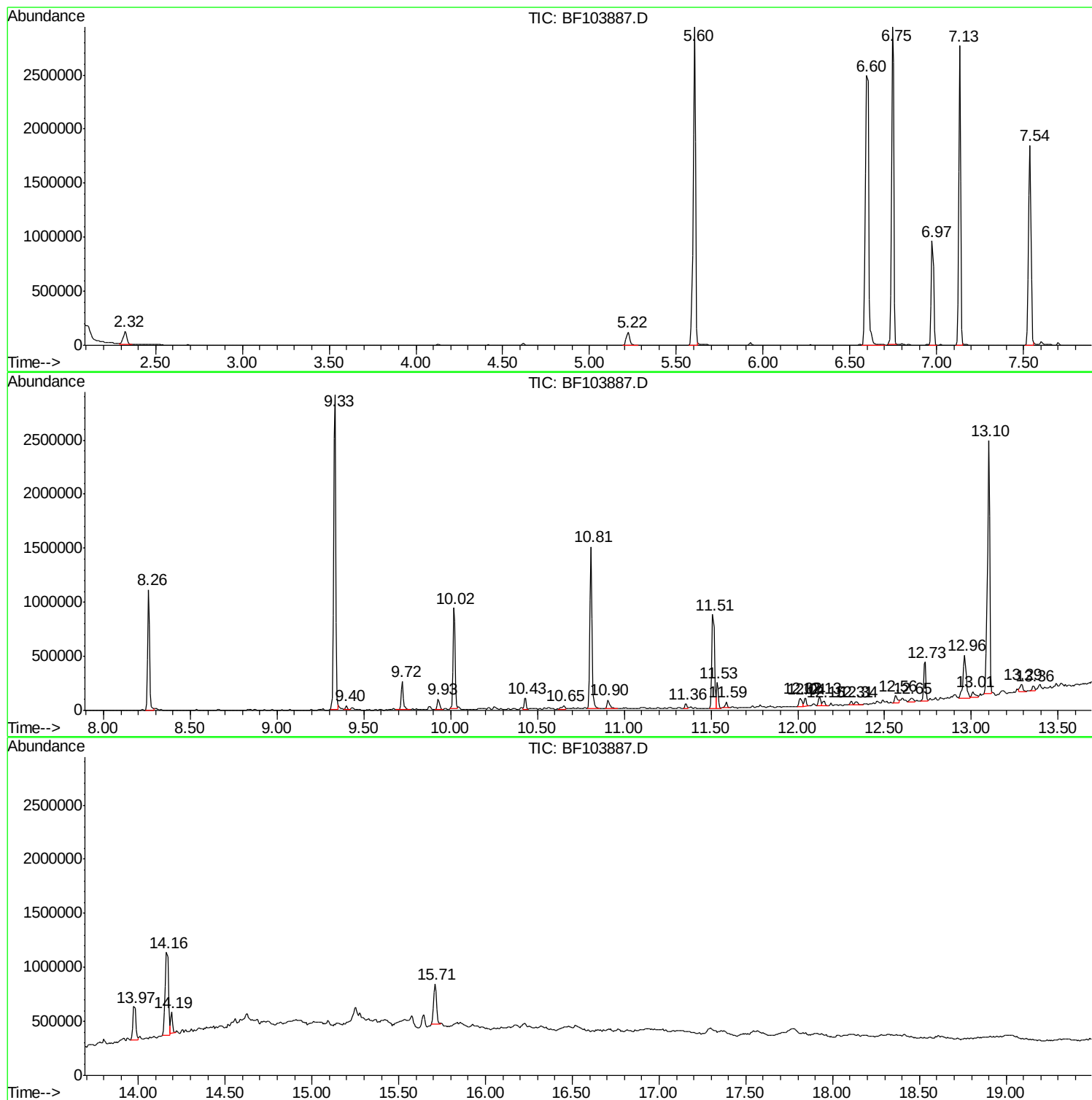
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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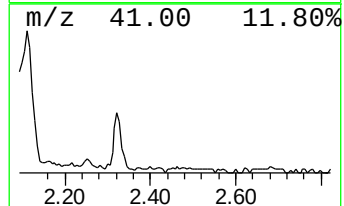
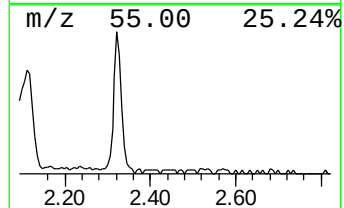
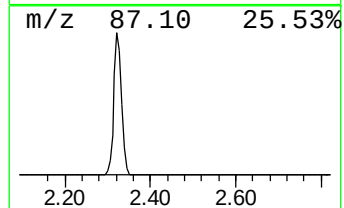
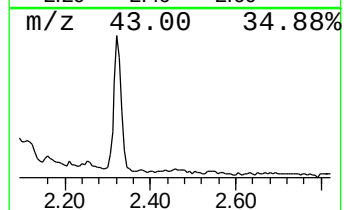
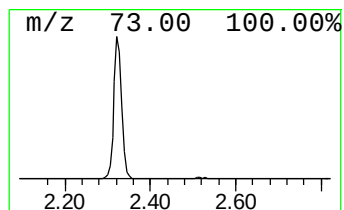
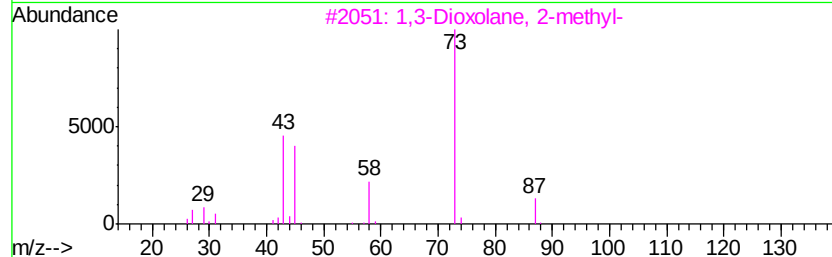
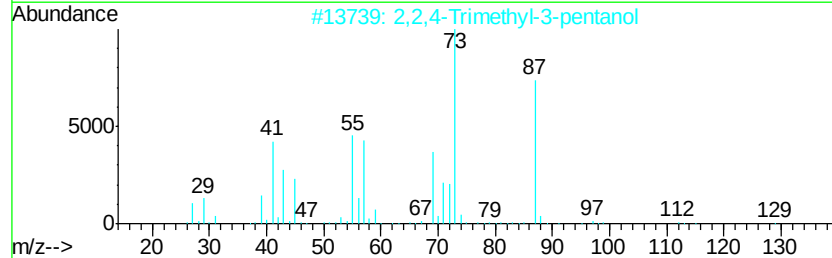
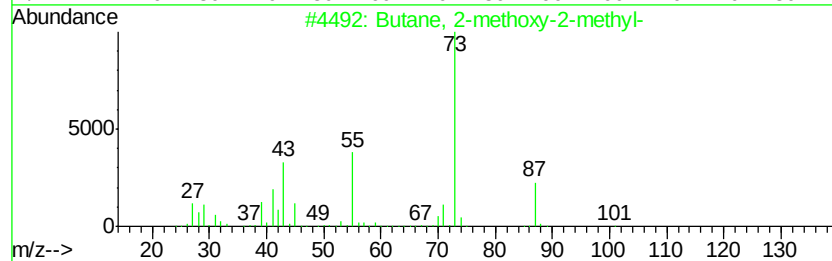
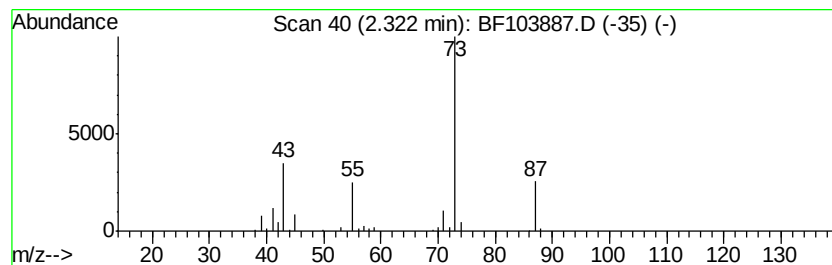
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	4.22 ng	165290	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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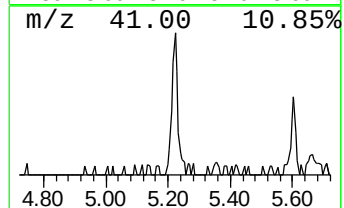
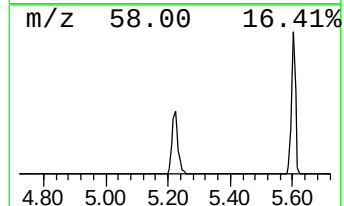
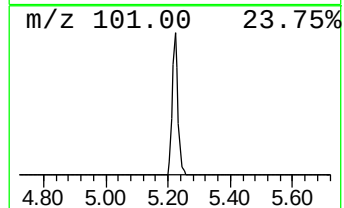
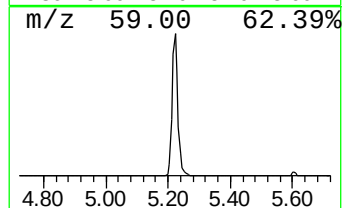
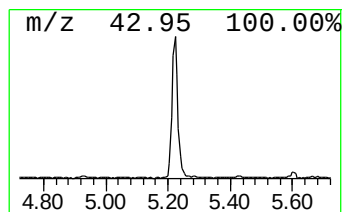
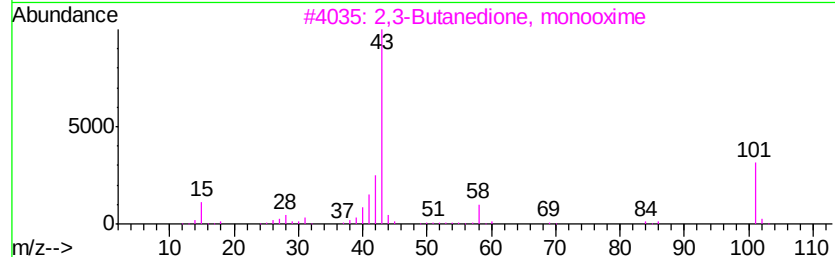
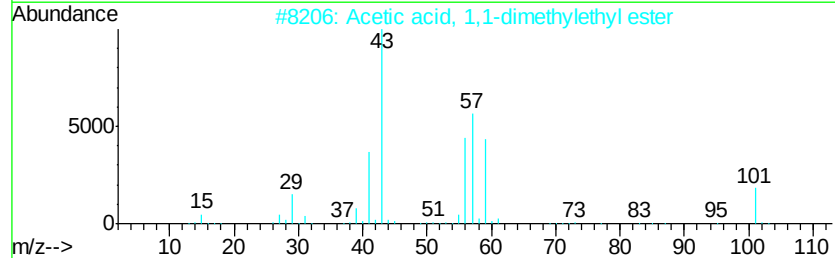
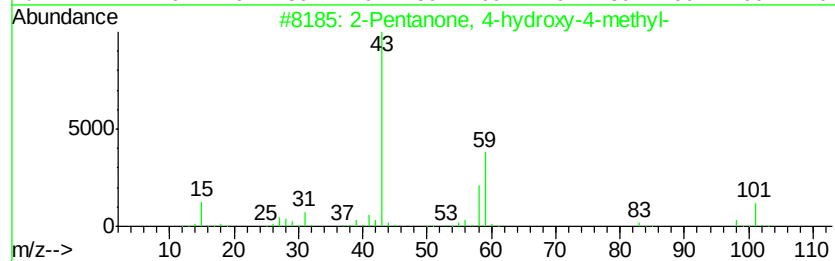
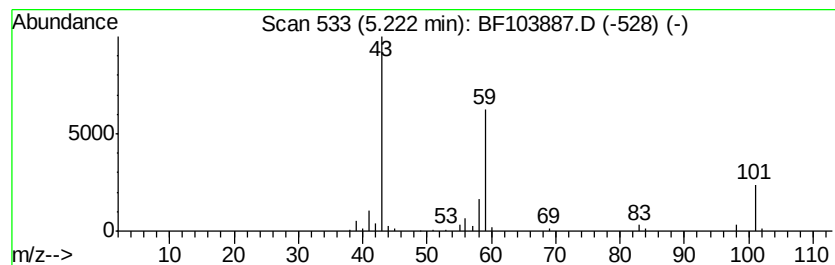
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.02 ng	157426	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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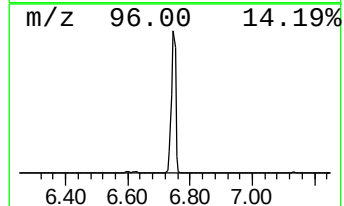
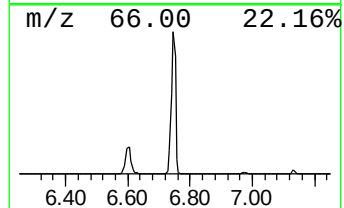
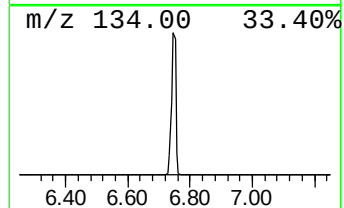
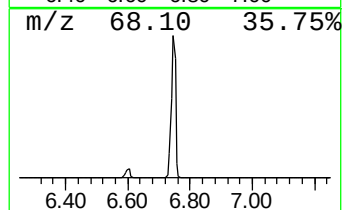
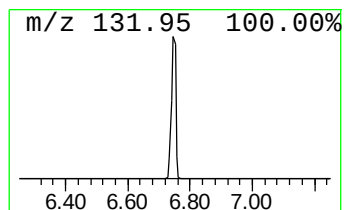
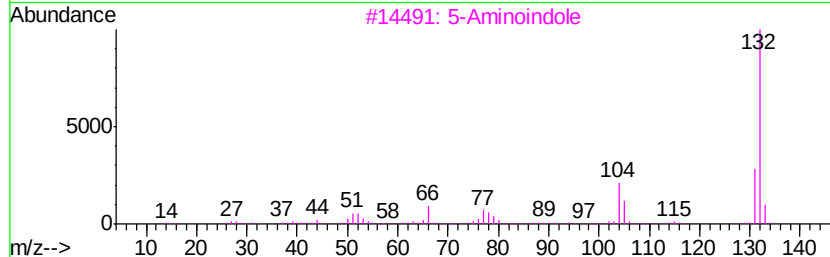
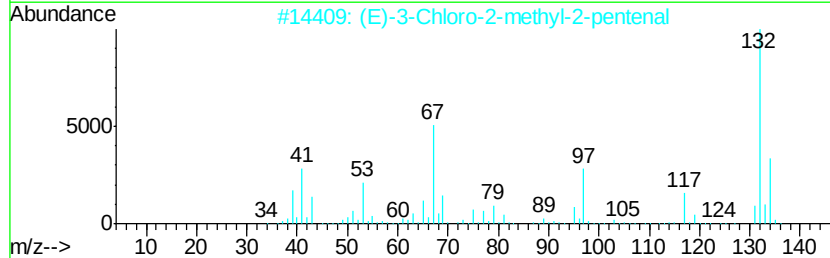
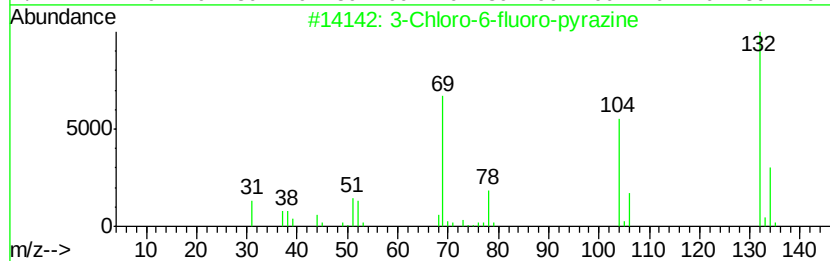
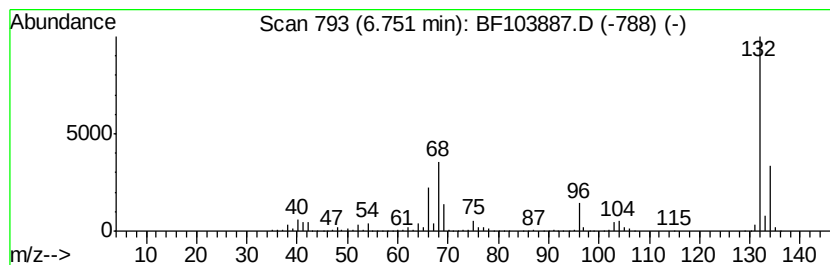
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	72.76 ng	2850830	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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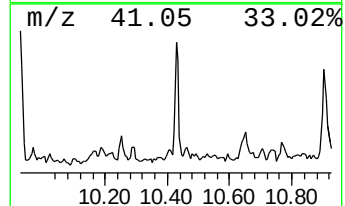
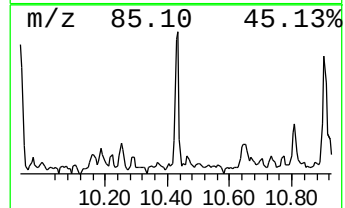
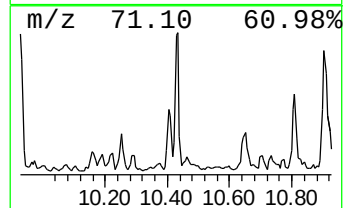
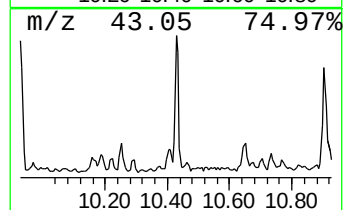
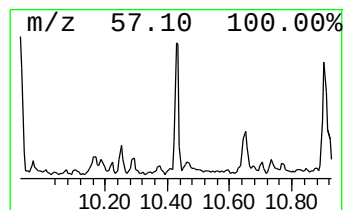
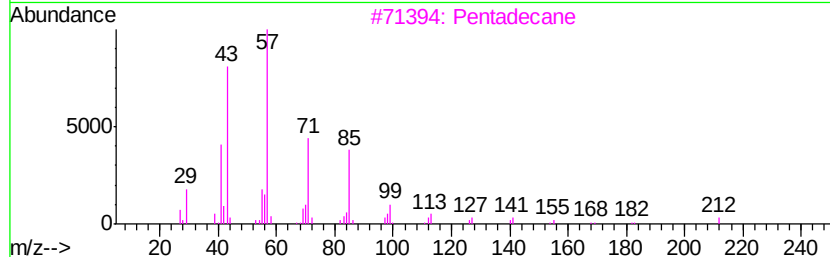
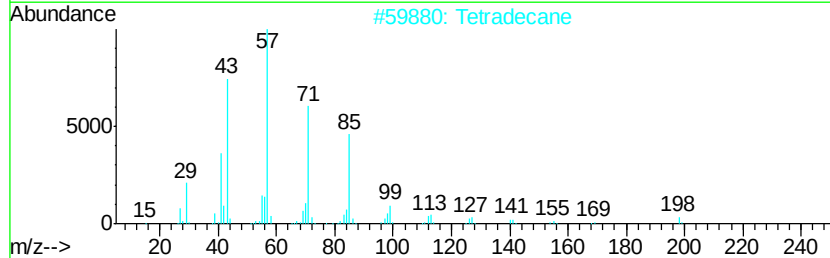
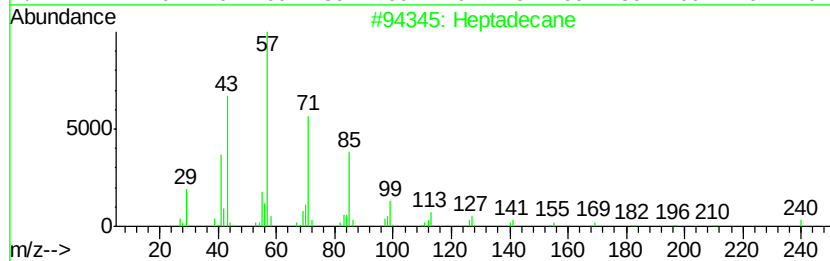
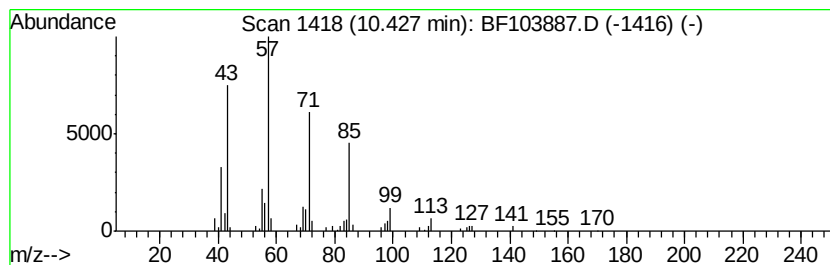
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.43	2.00 ng	84715	Acenaphthene-d10		10.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83



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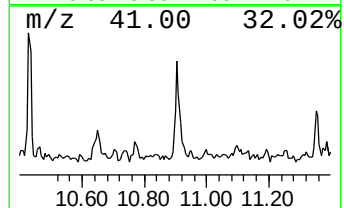
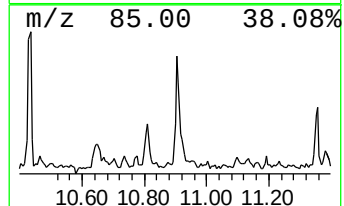
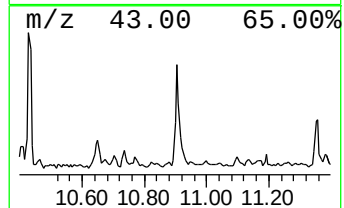
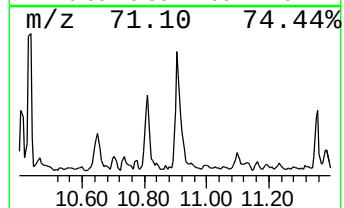
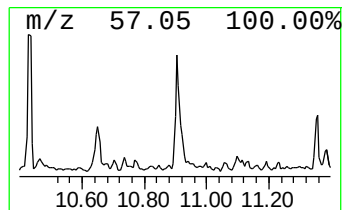
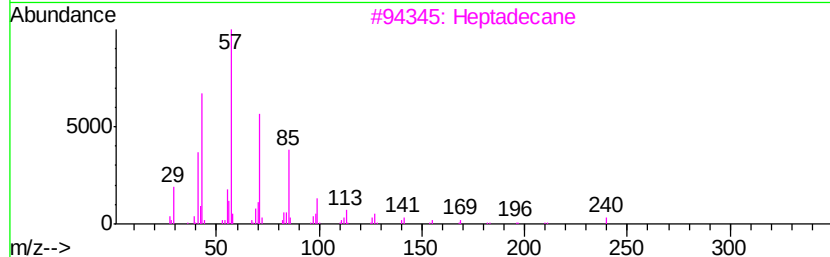
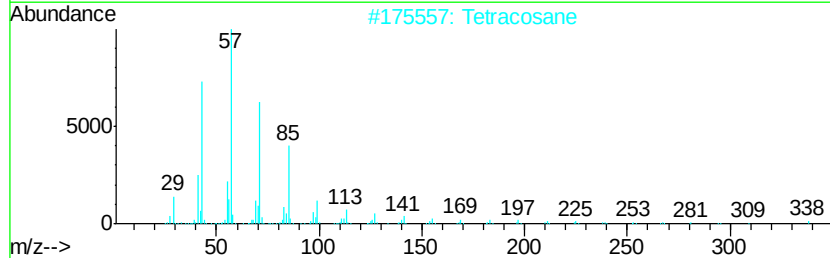
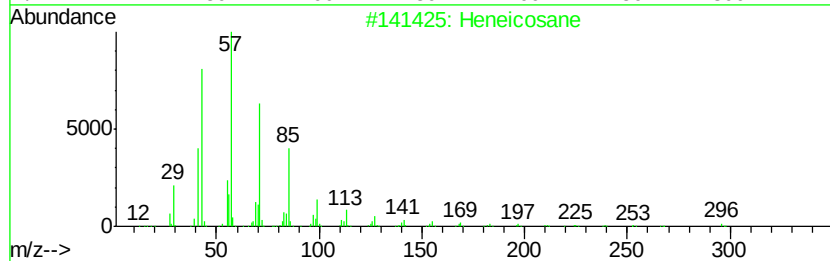
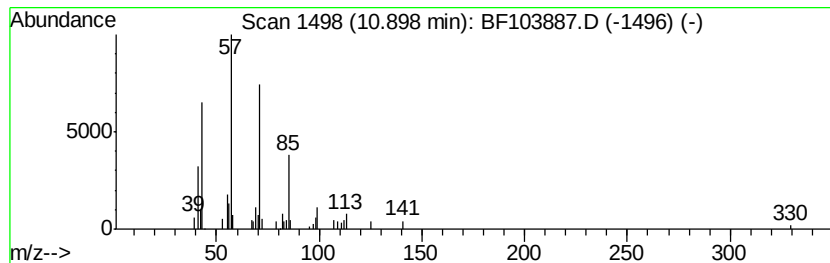
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.58 ng	102559	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
5	Tetradecane		198	C14H30	000629-59-4	91



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Operator : JU/SJ
Sample : J2009-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-1

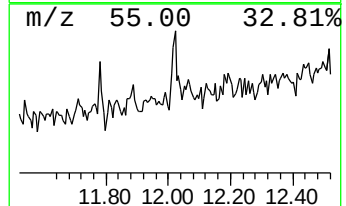
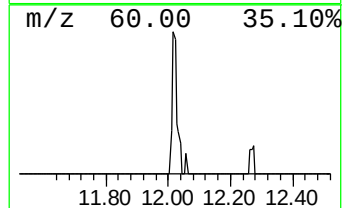
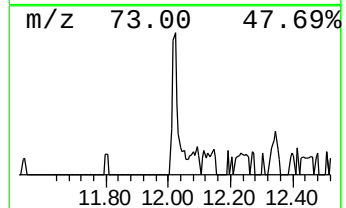
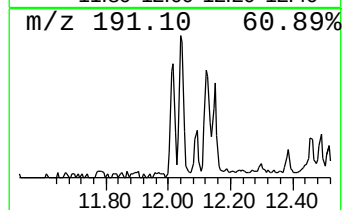
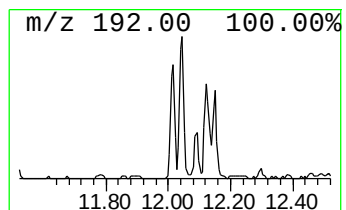
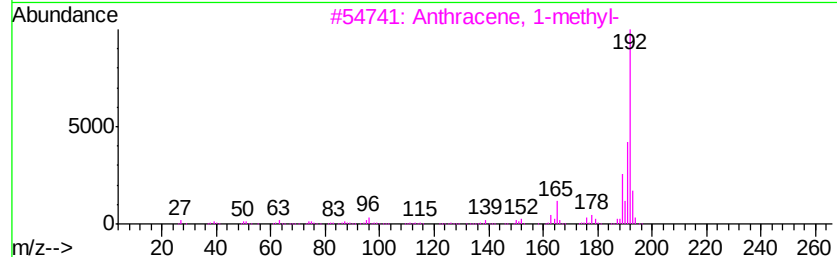
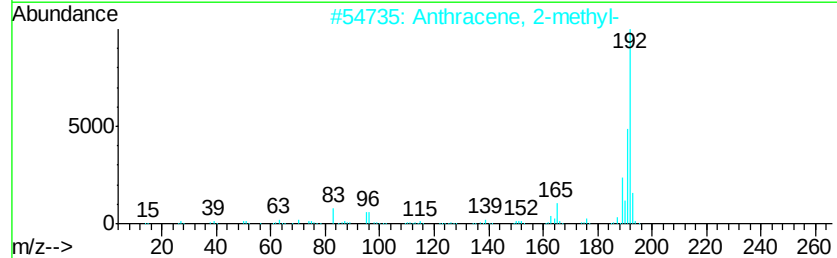
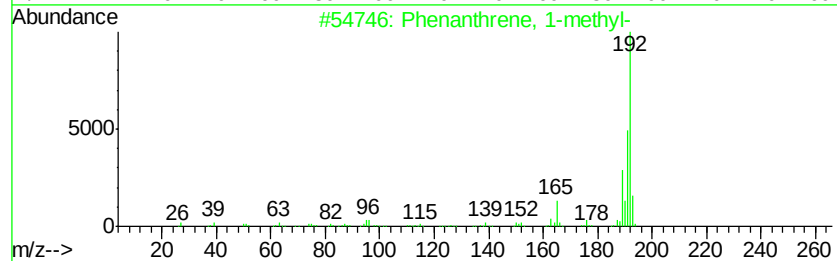
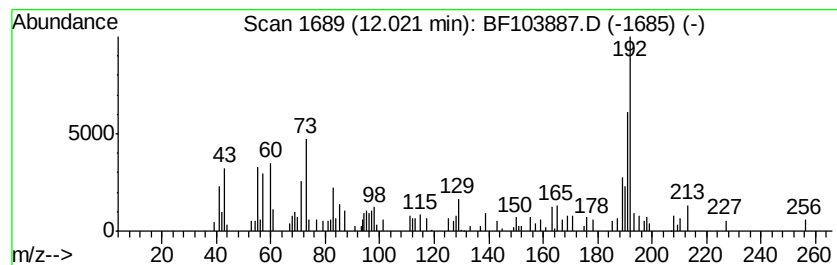
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.05 ng	81388	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103887.D
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Sample : J2009-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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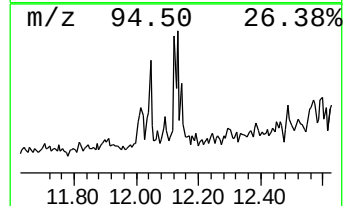
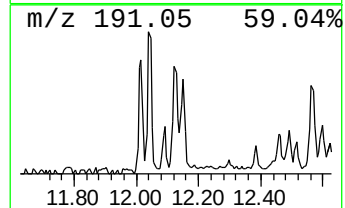
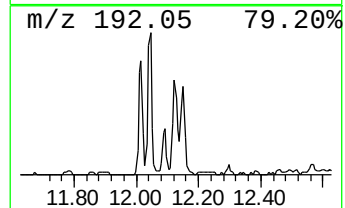
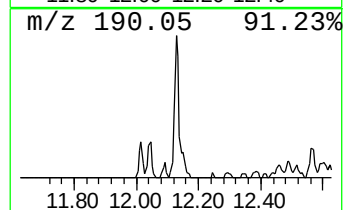
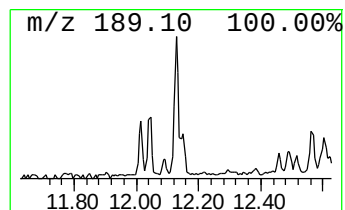
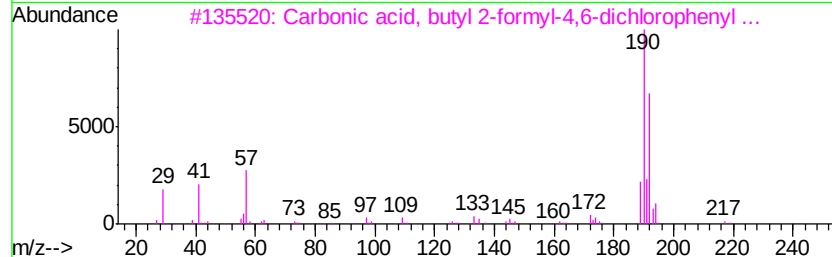
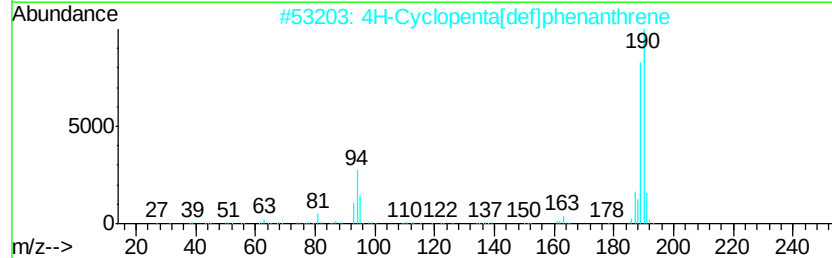
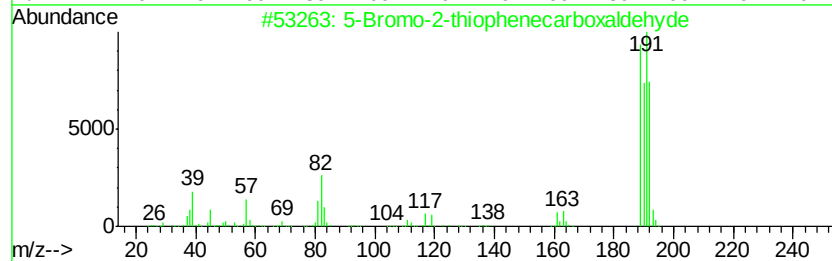
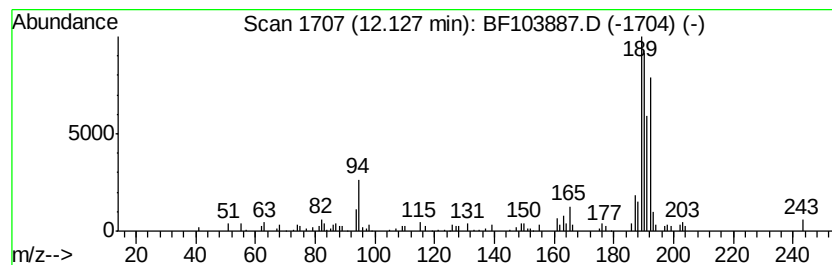
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Bromo-2-thiophenecarboxal... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.18 ng	86514	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49	
3	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	47	
4	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	46	
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38	



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ALS Vial : 23 Sample Multiplier: 1

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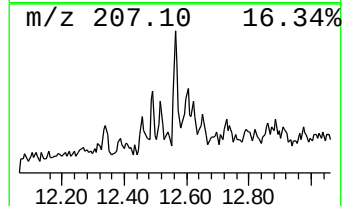
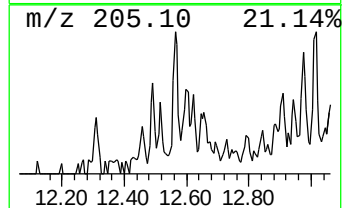
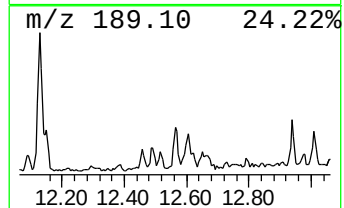
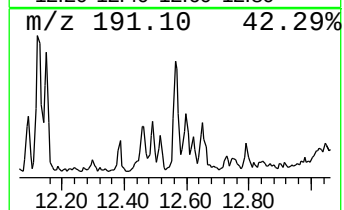
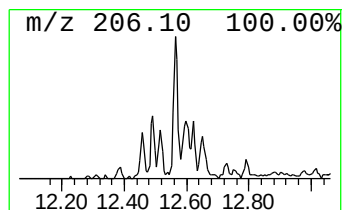
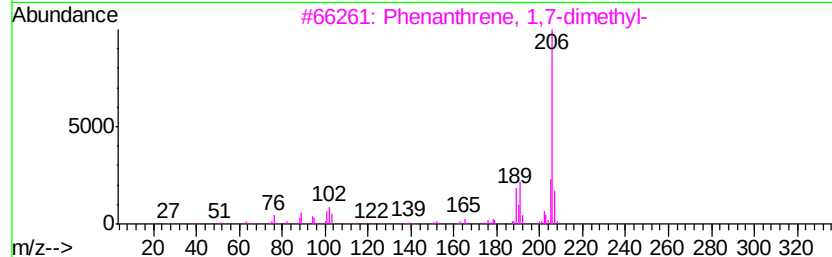
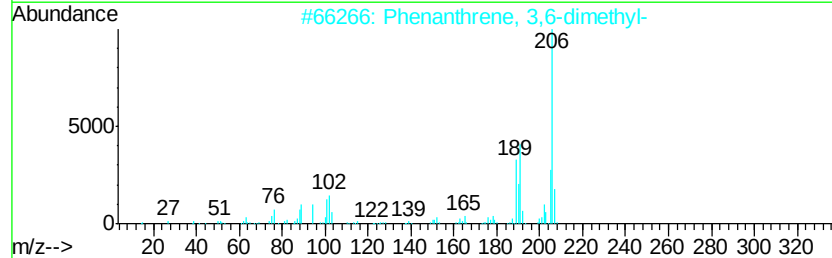
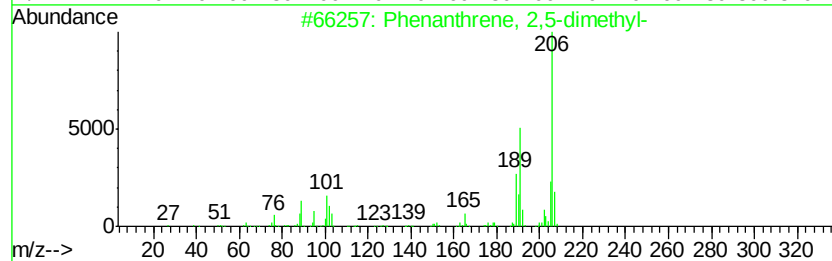
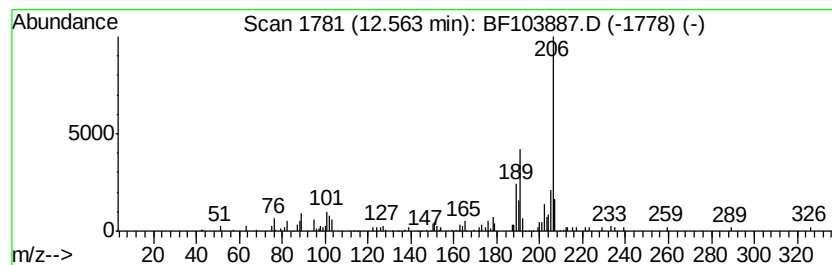
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.20 ng	87184	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



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Sample : J2009-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

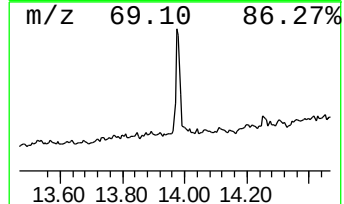
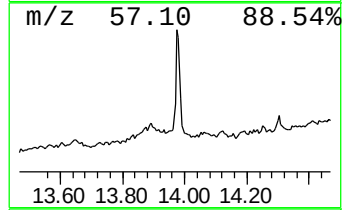
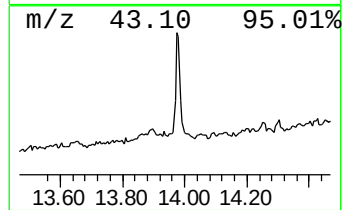
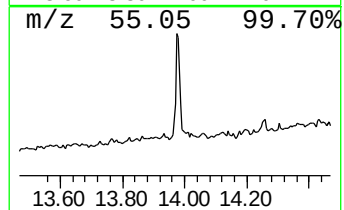
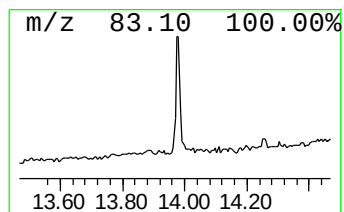
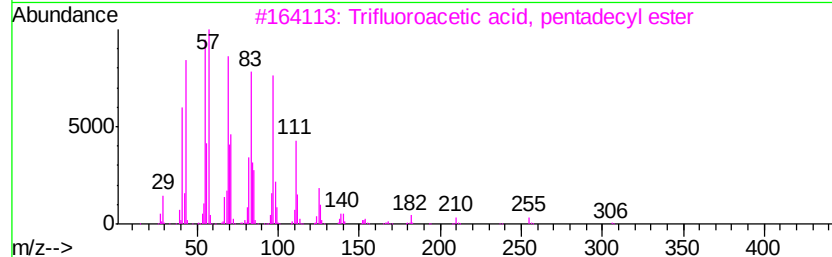
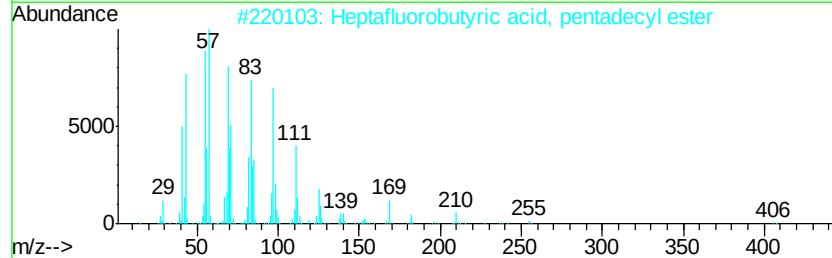
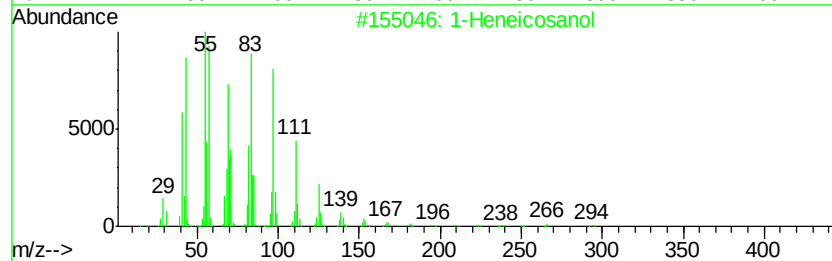
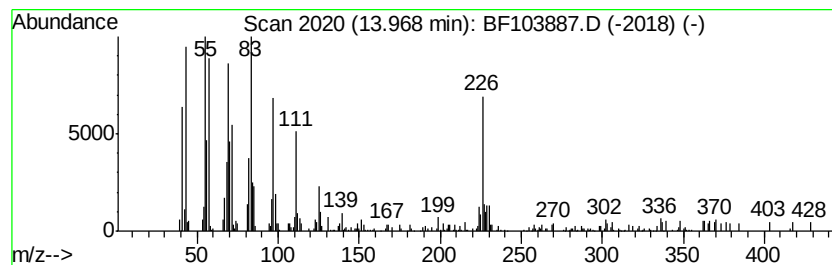
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.66 ng	298518	Chrysene-d12	14.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	94
2	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	94
3	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	94
4	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
5	Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8	94



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Instrument :
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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
Butane, 2-methoxy...	2.32	4.2 ng		165290	1	6.97	783678	20.0
2-Pentanone, 4-hy...	5.22	4.0 ng		157426	1	6.97	783678	20.0
unknown6.75	6.75	72.8 ng		2850830	1	6.97	783678	20.0
Heptadecane	10.43	2.0 ng		84715	3	10.02	846822	20.0
Heneicosane	10.90	2.6 ng		102559	4	11.51	793568	20.0
Phenanthrene, 1-m...	12.02	2.0 ng		81388	4	11.51	793568	20.0
5-Bromo-2-thiophe...	12.13	2.2 ng		86514	4	11.51	793568	20.0
Phenanthrene, 2,5...	12.56	2.2 ng		87184	4	11.51	793568	20.0
1-Heneicosanol	13.97	6.7 ng		298518	5	14.17	896623	20.0