

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103772.D
 Acq On : 19 Mar 2018 22:45
 Operator : JU/SJ
 Sample : J1971-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-4-SA-LATERAL-SW

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	2.328	34	41	47	rVB	163307	214565	5.28%	0.577%
2	5.228	529	534	544	rVB	160411	216099	5.32%	0.581%
3	5.604	592	598	601	rBV	3496933	4004938	98.55%	10.775%
4	5.922	648	652	659	rVB	57632	58082	1.43%	0.156%
5	6.598	760	767	770	rBV	3481071	4064036	100.00%	10.934%
6	6.745	787	792	795	rBV	3881344	4031388	99.20%	10.846%
7	6.975	827	831	834	rBV	1032618	915863	22.54%	2.464%
8	7.128	853	857	861	rBV	3164438	3090190	76.04%	8.314%
9	7.540	921	927	929	rBV	2341287	2585867	63.63%	6.957%
10	7.598	933	937	941	rVB	45822	44203	1.09%	0.119%
11	8.251	1045	1048	1052	rBV	1354043	1194063	29.38%	3.212%
12	9.328	1225	1231	1234	rBV	4017358	3838051	94.44%	10.326%
13	9.716	1294	1297	1300	rBV	293614	219905	5.41%	0.592%
14	9.928	1329	1333	1336	rBV	147653	107163	2.64%	0.288%
15	10.016	1344	1348	1351	rBV	1276395	1140978	28.07%	3.070%
16	10.428	1416	1418	1421	rVB	186274	134560	3.31%	0.362%
17	10.645	1447	1455	1458	rBV2	54454	73912	1.82%	0.199%
18	10.804	1478	1482	1485	rBV	2217950	2110380	51.93%	5.678%
19	10.904	1496	1499	1508	rVB	148866	170732	4.20%	0.459%
20	11.057	1520	1525	1528	rVB2	45568	47282	1.16%	0.127%
21	11.351	1572	1575	1578	rBV	106414	88141	2.17%	0.237%
22	11.504	1597	1601	1604	rBV	1136213	1024105	25.20%	2.755%
23	11.528	1604	1605	1609	rVV	379366	261739	6.44%	0.704%
24	11.580	1610	1614	1616	rVB	70247	59350	1.46%	0.160%
25	12.010	1683	1687	1689	rBV2	124564	134841	3.32%	0.363%
26	12.033	1689	1691	1696	rVB2	87118	89332	2.20%	0.240%
27	12.122	1702	1706	1708	rBV2	79765	91789	2.26%	0.247%
28	12.557	1777	1780	1782	rBV	46512	42075	1.04%	0.113%
29	12.722	1805	1808	1812	rBV	453062	357572	8.80%	0.962%
30	12.957	1842	1848	1853	rBV	351485	419918	10.33%	1.130%
31	13.092	1867	1871	1875	rBV	2843863	2733523	67.26%	7.354%
32	13.169	1880	1884	1888	rBV3	28388	51680	1.27%	0.139%
33	13.280	1900	1903	1906	rVB2	70329	64727	1.59%	0.174%
34	13.639	1961	1964	1969	rBV2	47305	71590	1.76%	0.193%

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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	13.974	2018	2021	2032	rVB4	195151	241672	5.95%	0.650%
36	14.157	2047	2052	2055	rBV2	1012597	1086793	26.74%	2.924%
37	14.186	2055	2057	2064	rVB	176452	159431	3.92%	0.429%
38	14.621	2128	2131	2134	rBV4	36650	48701	1.20%	0.131%
39	14.921	2178	2182	2190	rBV	558299	622440	15.32%	1.675%
40	15.239	2232	2236	2239	rBV	112049	166097	4.09%	0.447%
41	15.563	2288	2291	2297	rVB	67546	88291	2.17%	0.238%
42	15.627	2299	2302	2308	rVB	89346	105514	2.60%	0.284%
43	15.698	2309	2314	2323	rVV	545097	734581	18.08%	1.976%
44	17.357	2590	2596	2606	rVB2	66102	164007	4.04%	0.441%

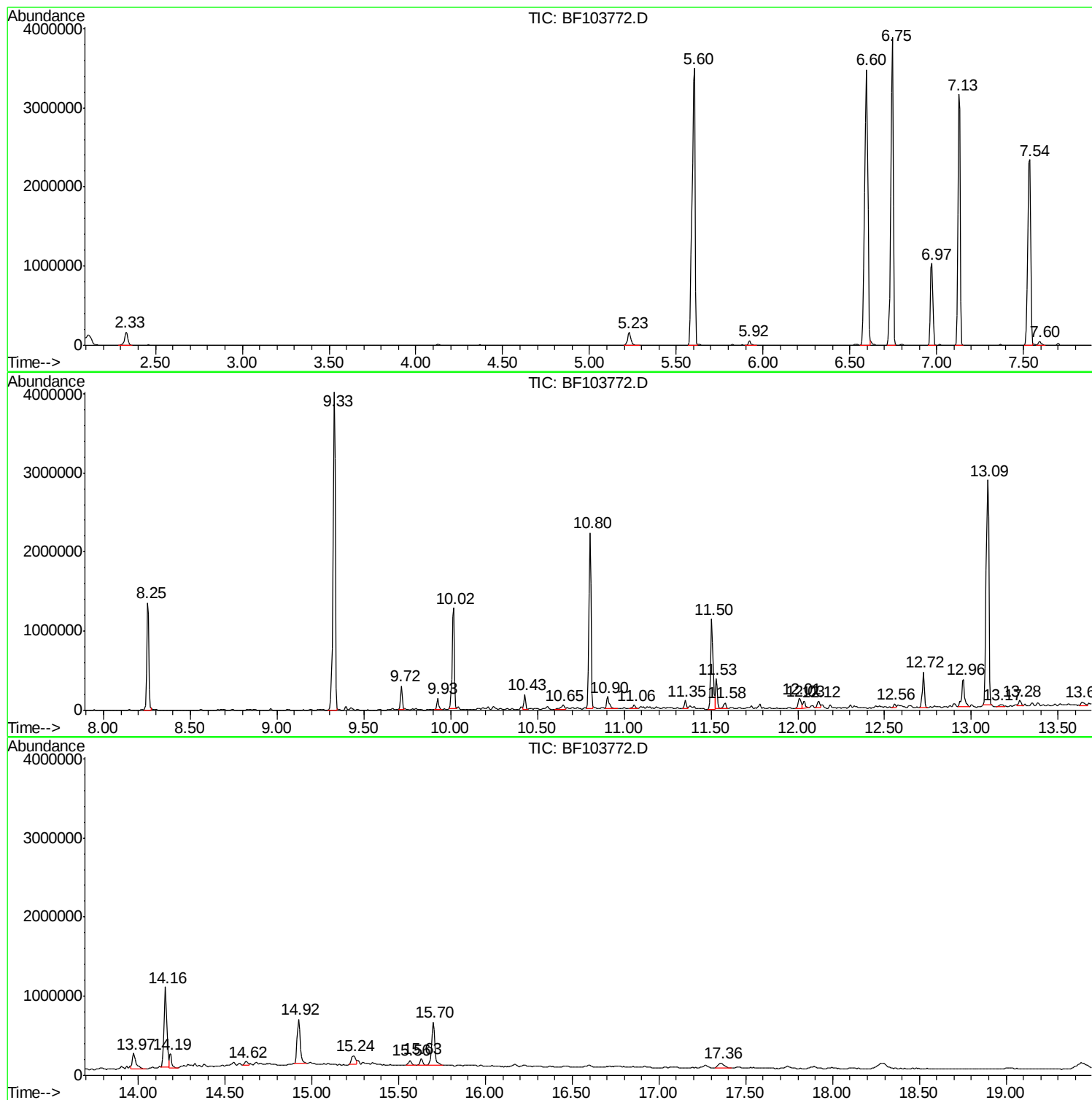
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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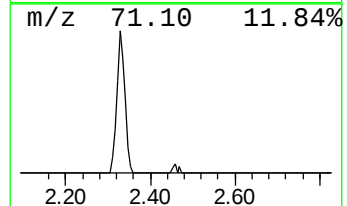
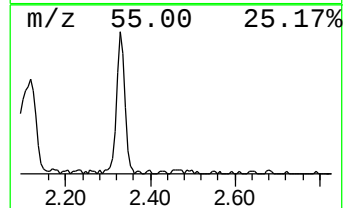
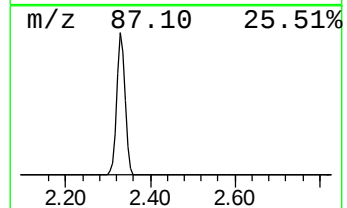
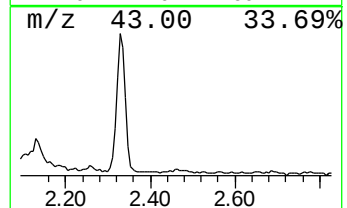
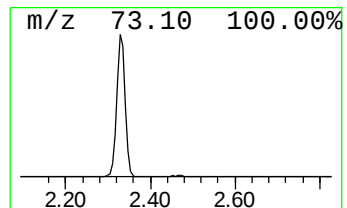
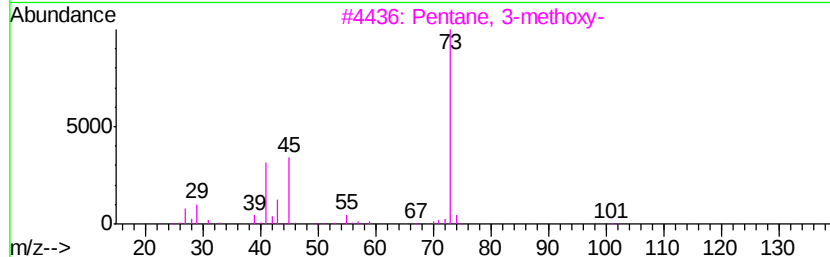
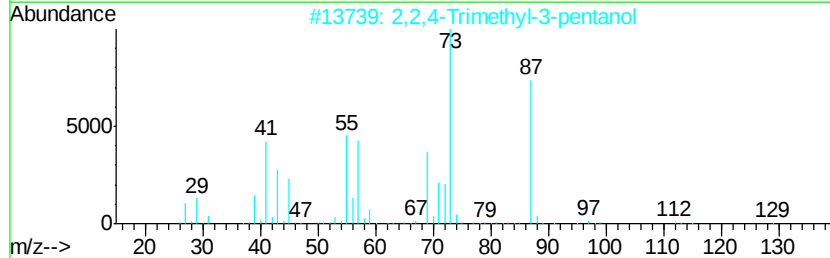
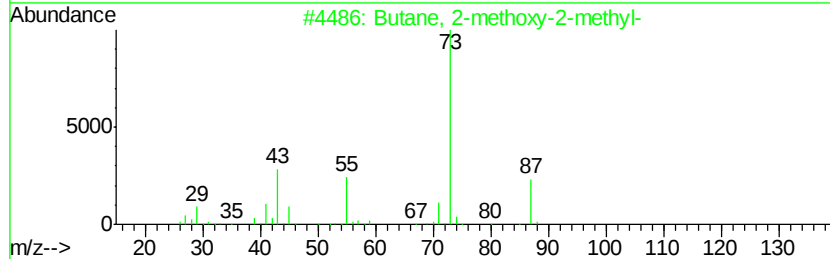
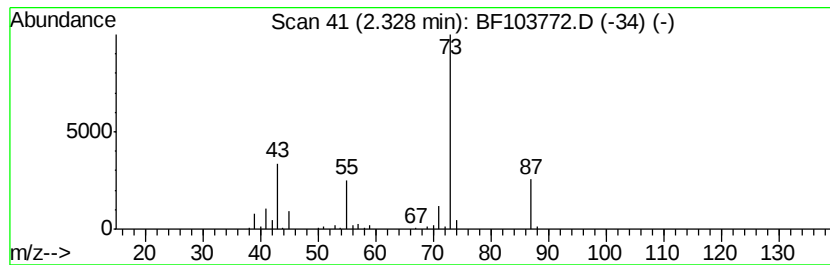
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.69 ng	214565	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	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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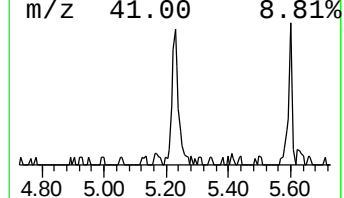
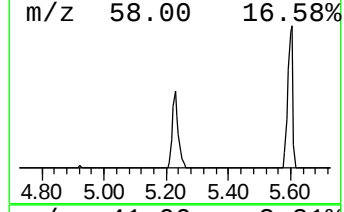
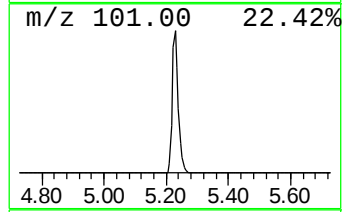
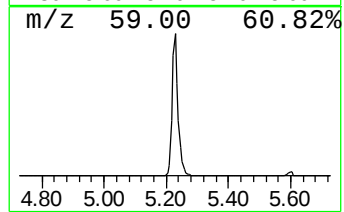
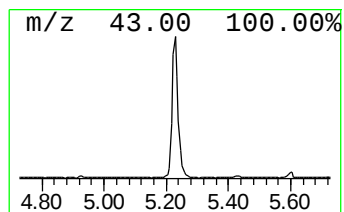
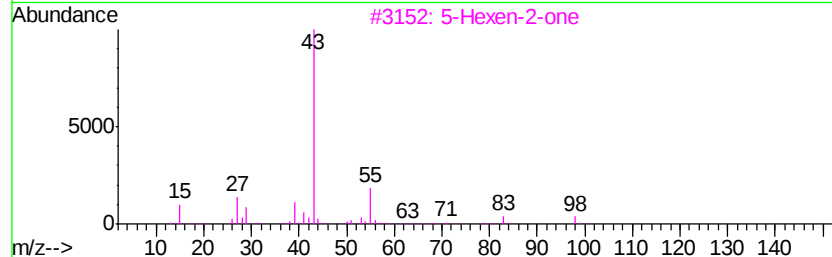
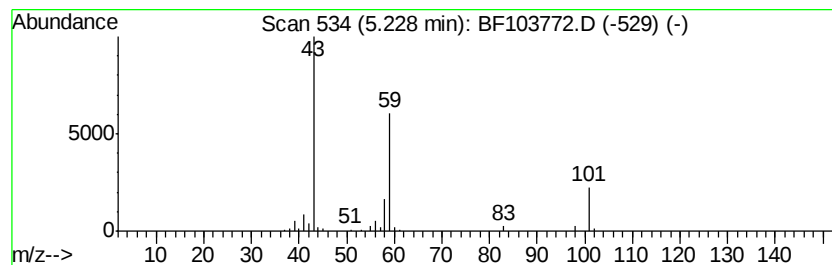
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.72 ng	216099	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	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Acetone	58	C3H6O	000067-64-1	9



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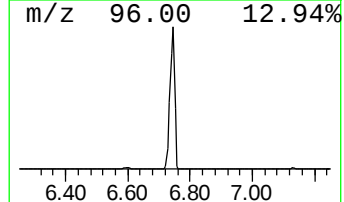
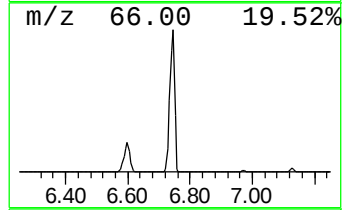
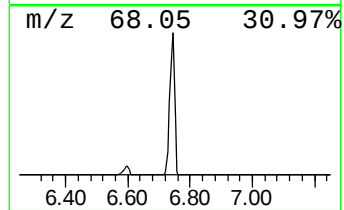
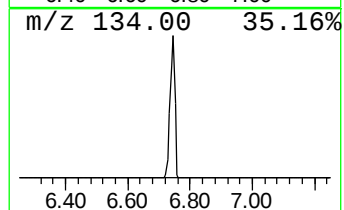
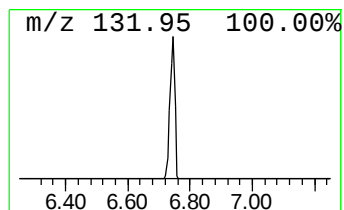
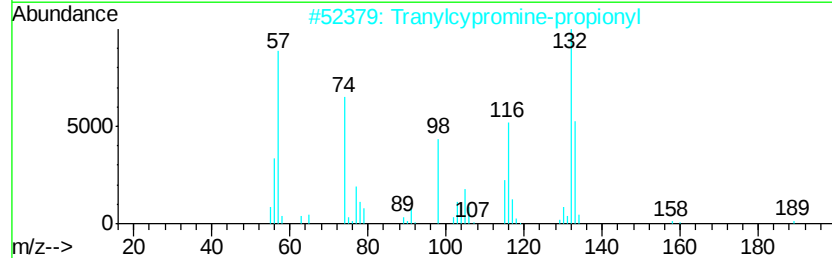
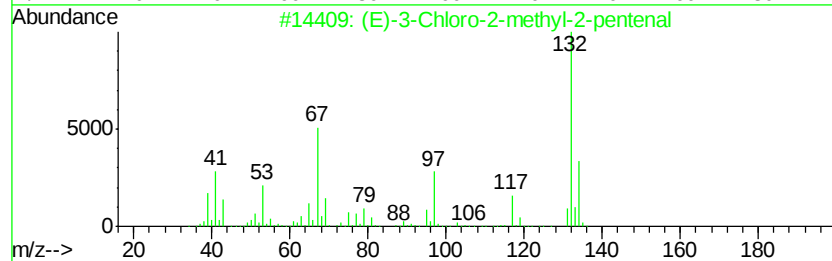
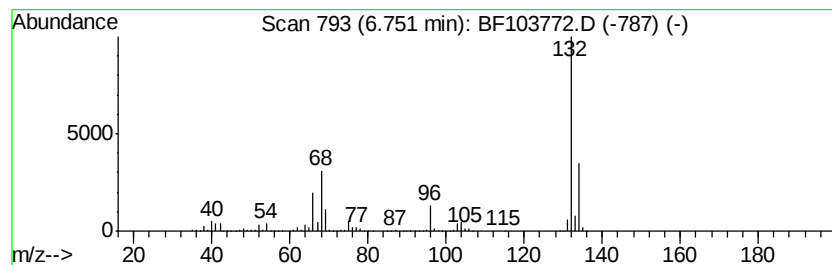
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	88.03 ng	4031390	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
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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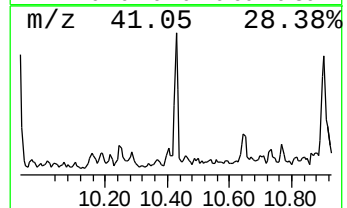
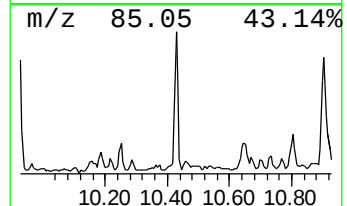
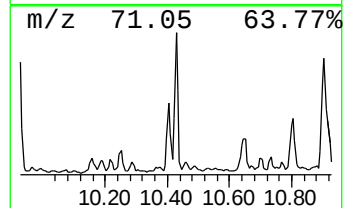
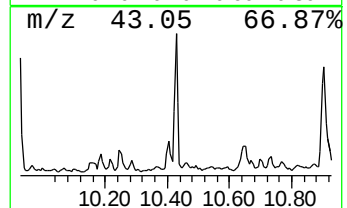
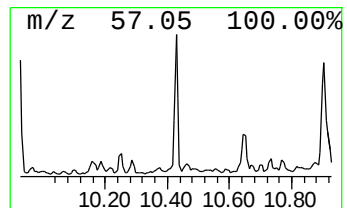
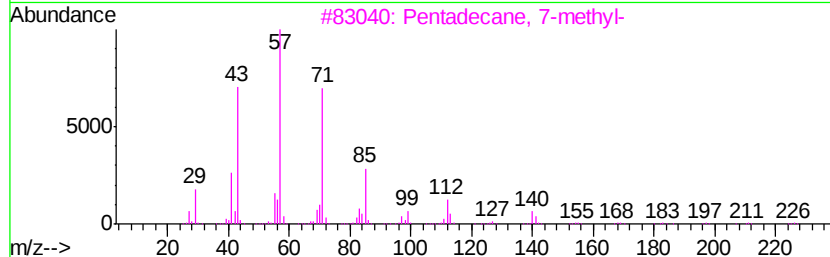
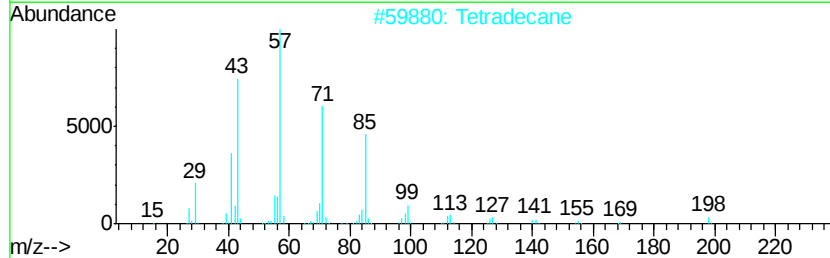
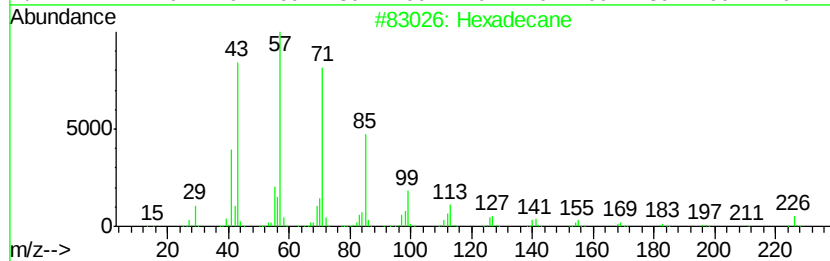
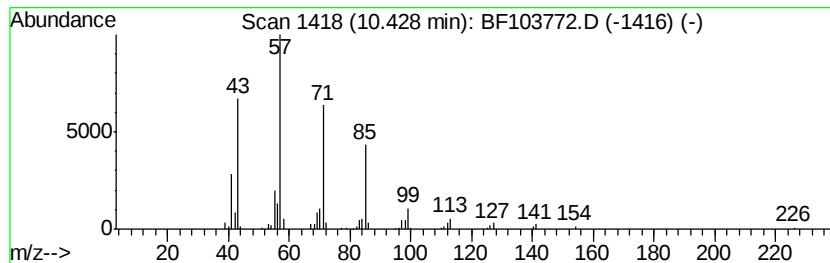
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.43	2.36 ng	134560	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4	Heptadecane	240	C17H36	000629-78-7	74
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72



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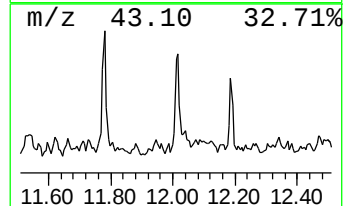
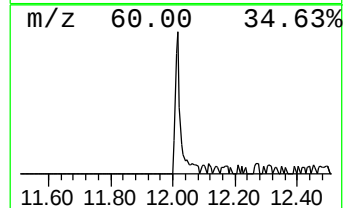
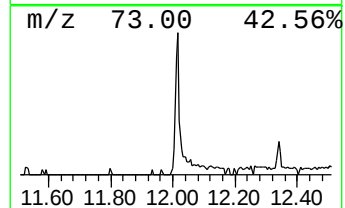
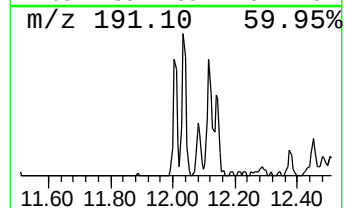
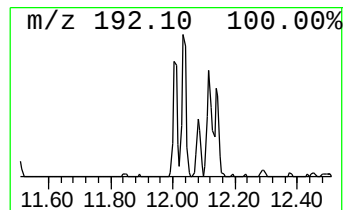
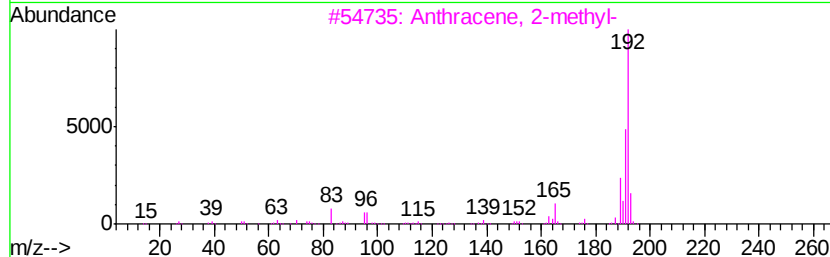
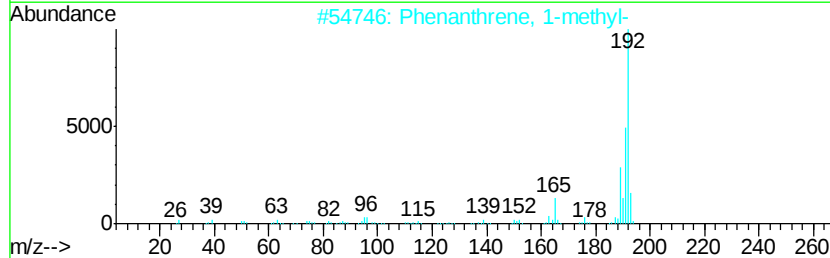
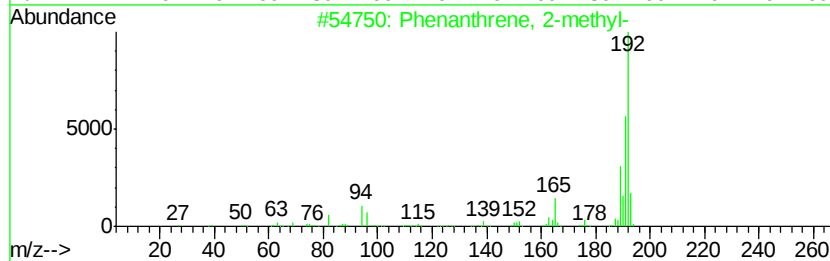
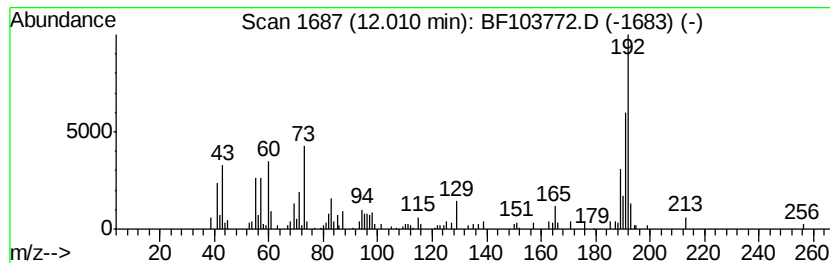
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.63 ng	134841	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103772.D
Acq On : 19 Mar 2018 22:45
Operator : JU/SJ
Sample : J1971-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

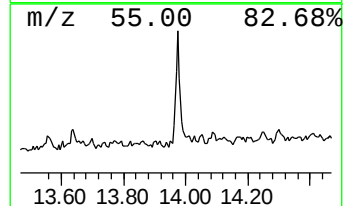
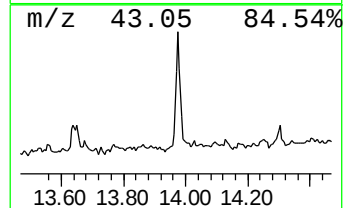
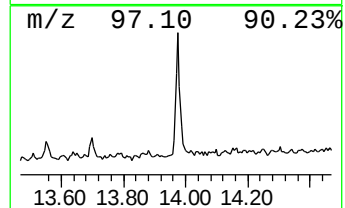
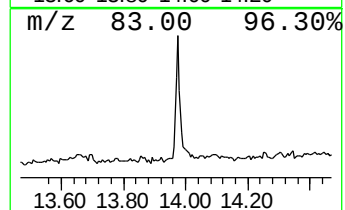
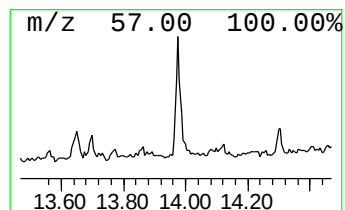
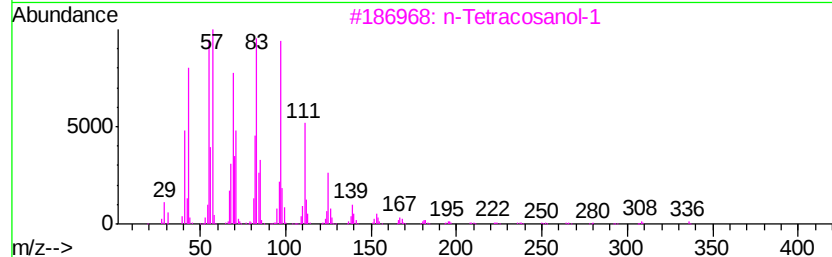
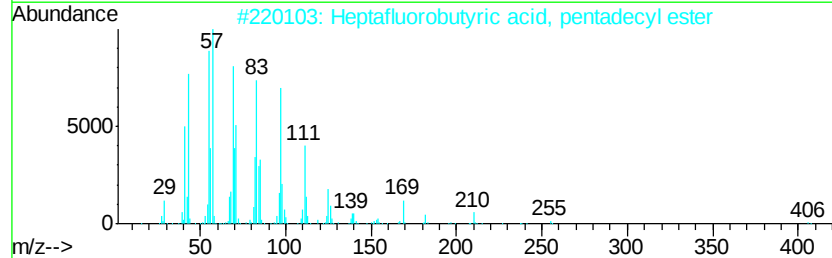
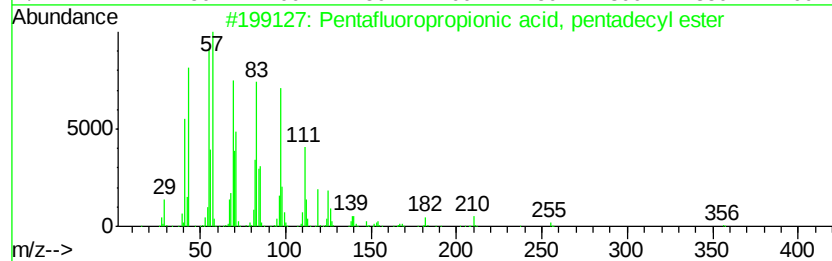
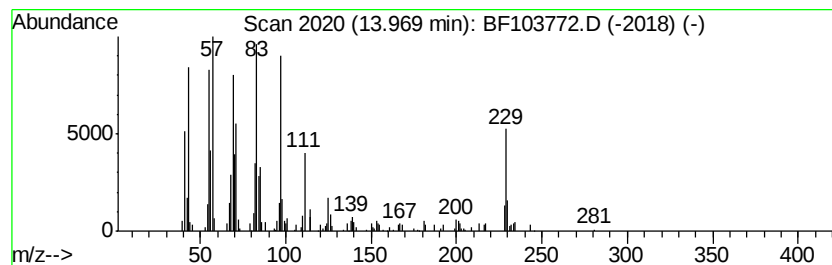
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.45 ng	241672	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	90



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

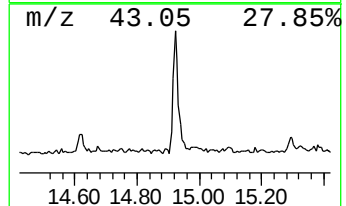
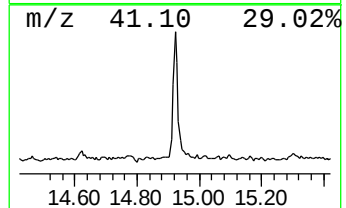
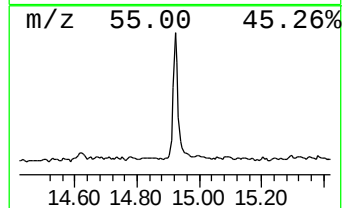
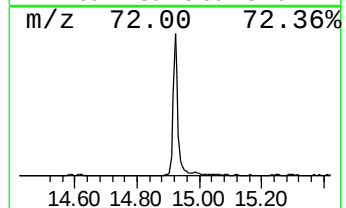
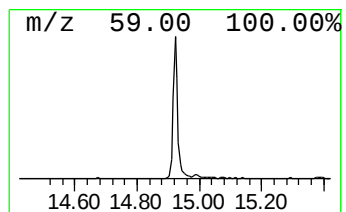
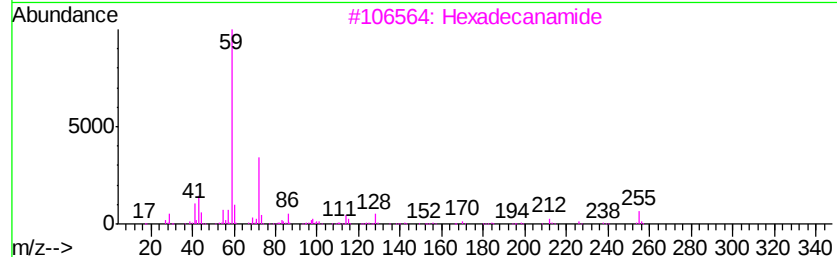
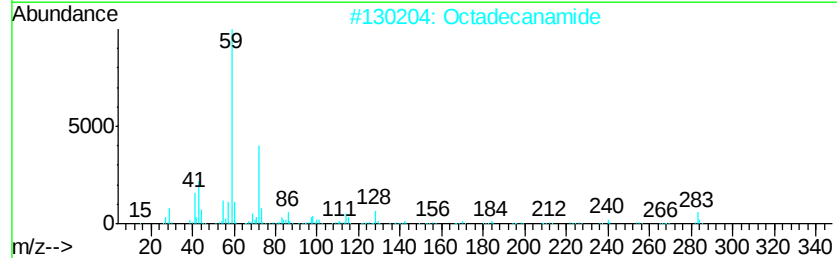
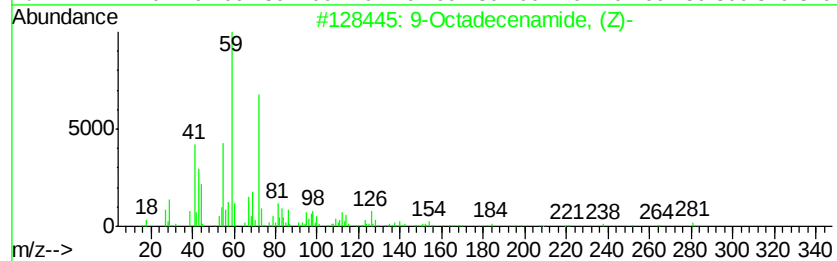
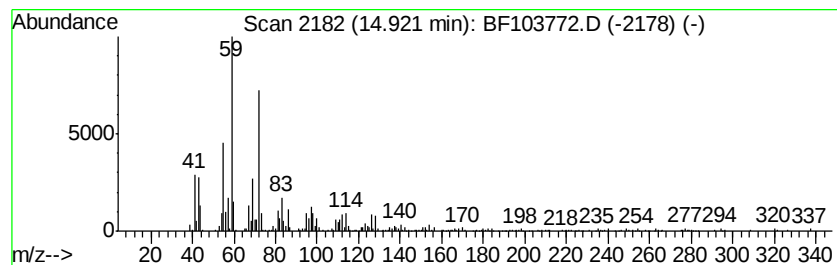
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	11.45 ng	622440	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Octadecanamide	283	C18H37NO	000124-26-5	59
3		Hexadecanamide	255	C16H33NO	000629-54-9	59
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

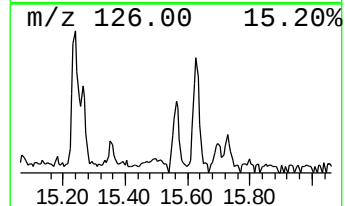
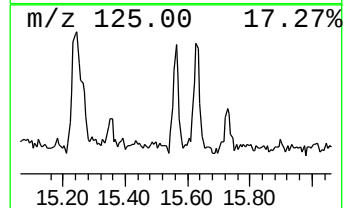
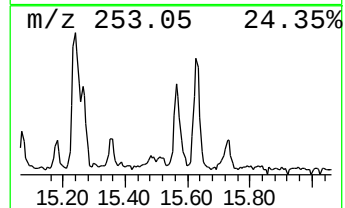
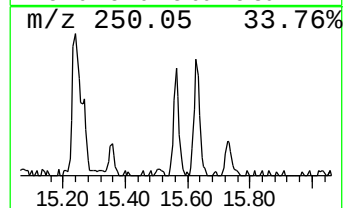
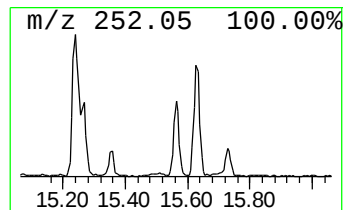
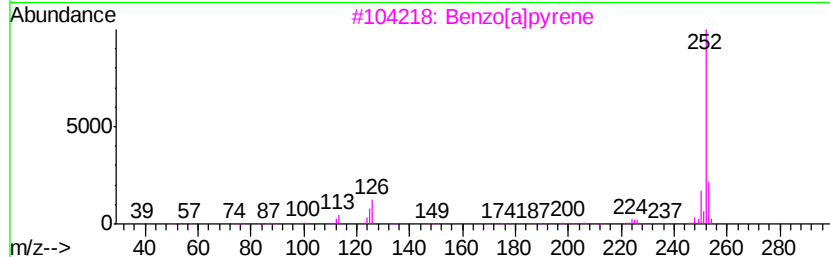
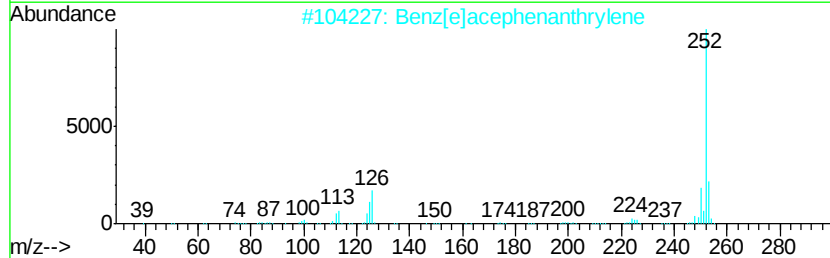
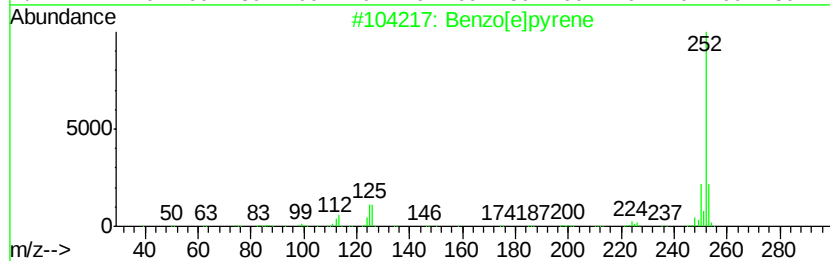
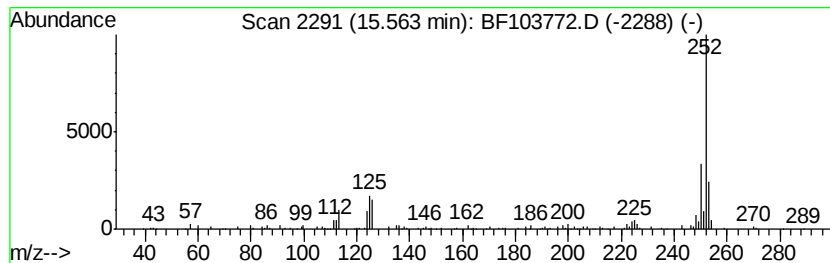
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.40 ng	88291	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	94
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	89



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

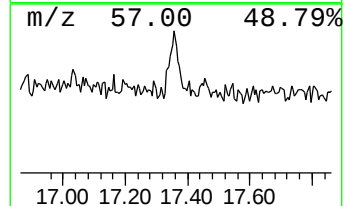
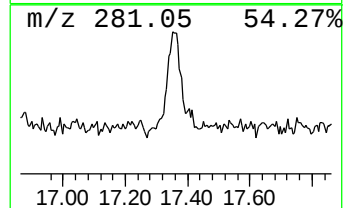
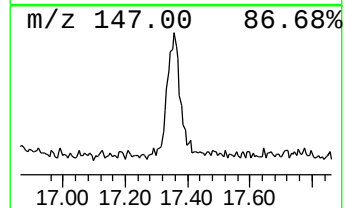
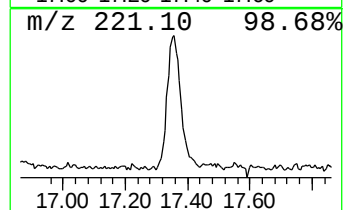
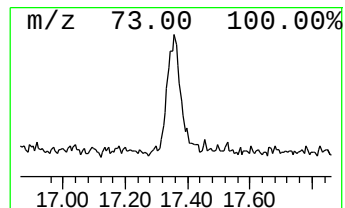
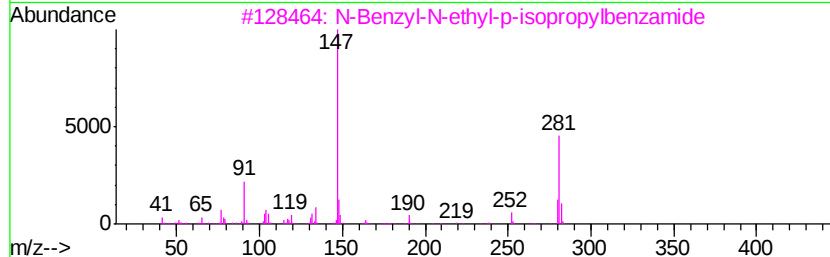
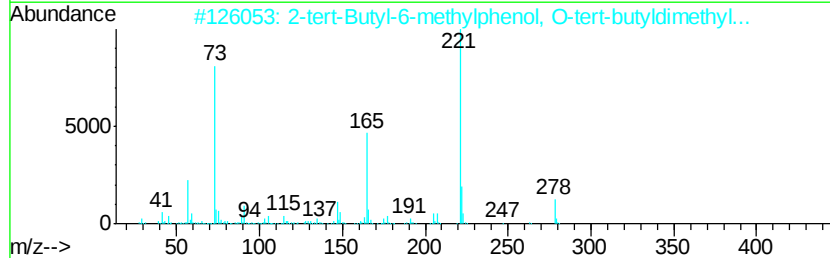
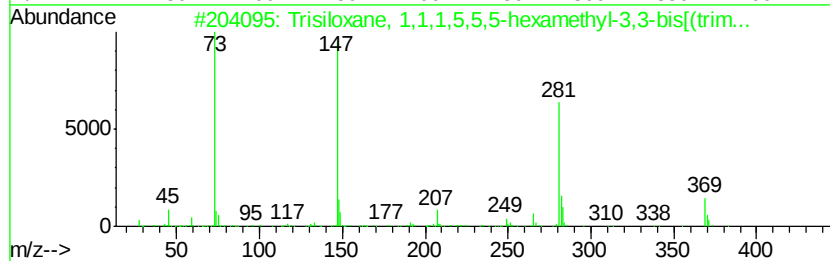
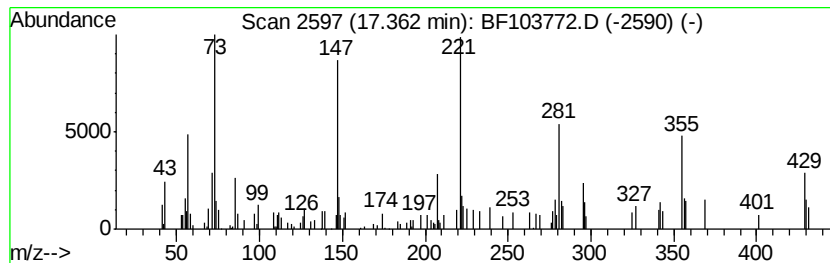
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	4.47 ng	164007	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22
2			2-tert-Butyl-6-methylphenol, O-t...	278	C17H30OSi	1000374-86-0	20
3			N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	14
4			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	14
5			2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	12



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Sample : J1971-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.33	4.7	ng	214565	1	6.97	915863	20.0
2-Pentanone, 4-hy...	5.23	4.7	ng	216099	1	6.97	915863	20.0
unknown6.75	6.75	88.0	ng	4031390	1	6.97	915863	20.0
Hexadecane	10.43	2.4	ng	134560	3	10.02	1140980	20.0
Phenanthrene, 2-m...	12.01	2.6	ng	134841	4	11.50	1024110	20.0
Pentafluoropropio...	13.97	4.5	ng	241672	5	14.16	1086790	20.0
9-Octadecenamide, ...	14.92	11.4	ng	622440	5	14.16	1086790	20.0
Benzo[e]pyrene	15.56	2.4	ng	88291	6	15.70	734581	20.0
unknown17.36	17.36	4.5	ng	164007	6	15.70	734581	20.0