

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103082.D
 Acq On : 19 Feb 2018 15:12
 Operator : SJ/JU
 Sample : J1604-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF020318.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	2.163	6	13	21	rBV	864234	1168543	30.69%	3.143%
2	5.110	511	514	525	rVB	92580	127601	3.35%	0.343%
3	5.504	576	581	584	rBV	3796097	3807462	100.00%	10.242%
4	6.510	747	752	755	rBV	3433066	3713752	97.54%	9.990%
5	6.651	771	776	779	rBV	3827559	3768439	98.98%	10.137%
6	6.875	811	814	818	rBV	1298798	1070415	28.11%	2.879%
7	7.034	837	841	844	rBV	3293376	2891323	75.94%	7.778%
8	7.439	905	910	913	rBV	2467798	2502754	65.73%	6.732%
9	8.157	1028	1032	1045	rBV	1511650	1454554	38.20%	3.913%
10	9.233	1211	1215	1218	rBV	4124001	3659094	96.10%	9.843%
11	9.622	1277	1281	1289	rBV	186091	195103	5.12%	0.525%
12	9.833	1314	1317	1321	rVB	131617	99766	2.62%	0.268%
13	9.916	1327	1331	1340	rBV	1639271	1466349	38.51%	3.944%
14	10.333	1399	1402	1405	rVB	164053	121517	3.19%	0.327%
15	10.551	1434	1439	1442	rBV	38072	49281	1.29%	0.133%
16	10.704	1461	1465	1475	rBV	2126127	2113084	55.50%	5.684%
17	10.804	1479	1482	1491	rVB	118974	124125	3.26%	0.334%
18	11.404	1580	1584	1586	rBV	1447785	1230307	32.31%	3.309%
19	11.427	1586	1588	1593	rVV	336044	277780	7.30%	0.747%
20	11.480	1593	1597	1602	rVB	54058	54137	1.42%	0.146%
21	11.904	1666	1669	1672	rBV	30491	40543	1.06%	0.109%
22	11.933	1672	1674	1680	rVB2	50750	49206	1.29%	0.132%
23	12.016	1685	1688	1691	rBV	43974	50978	1.34%	0.137%
24	12.616	1786	1790	1794	rBV	494692	441094	11.58%	1.187%
25	12.845	1823	1829	1833	rBV2	351344	414741	10.89%	1.116%
26	12.986	1846	1853	1857	rBV	2553082	2494333	65.51%	6.710%
27	13.792	1987	1990	1993	rBV2	37320	43535	1.14%	0.117%
28	13.868	2000	2003	2006	rBV3	117933	125308	3.29%	0.337%
29	14.045	2029	2033	2036	rBV2	974301	1087838	28.57%	2.926%
30	14.074	2036	2038	2044	rVB	207276	190648	5.01%	0.513%
31	15.104	2208	2213	2216	rBV	187610	303516	7.97%	0.816%
32	15.151	2219	2221	2224	rVB	55030	57849	1.52%	0.156%
33	15.409	2261	2265	2271	rVB	120521	158242	4.16%	0.426%
34	15.474	2272	2276	2280	rBV	126836	159765	4.20%	0.430%

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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-BF020318.M
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35	15.539	2282	2287	2300	rVV	789210	1073539	28.20%	2.888%
36	15.745	2319	2322	2327	rBV5	28699	41913	1.10%	0.113%
37	15.986	2358	2363	2367	rBV	77232	116243	3.05%	0.313%
38	16.498	2445	2450	2460	rVB3	65858	117788	3.09%	0.317%
39	17.045	2538	2543	2548	rBV2	51381	109083	2.86%	0.293%
40	17.103	2549	2553	2562	rVB3	54020	120127	3.16%	0.323%
41	17.503	2617	2621	2631	rVB2	37336	83527	2.19%	0.225%

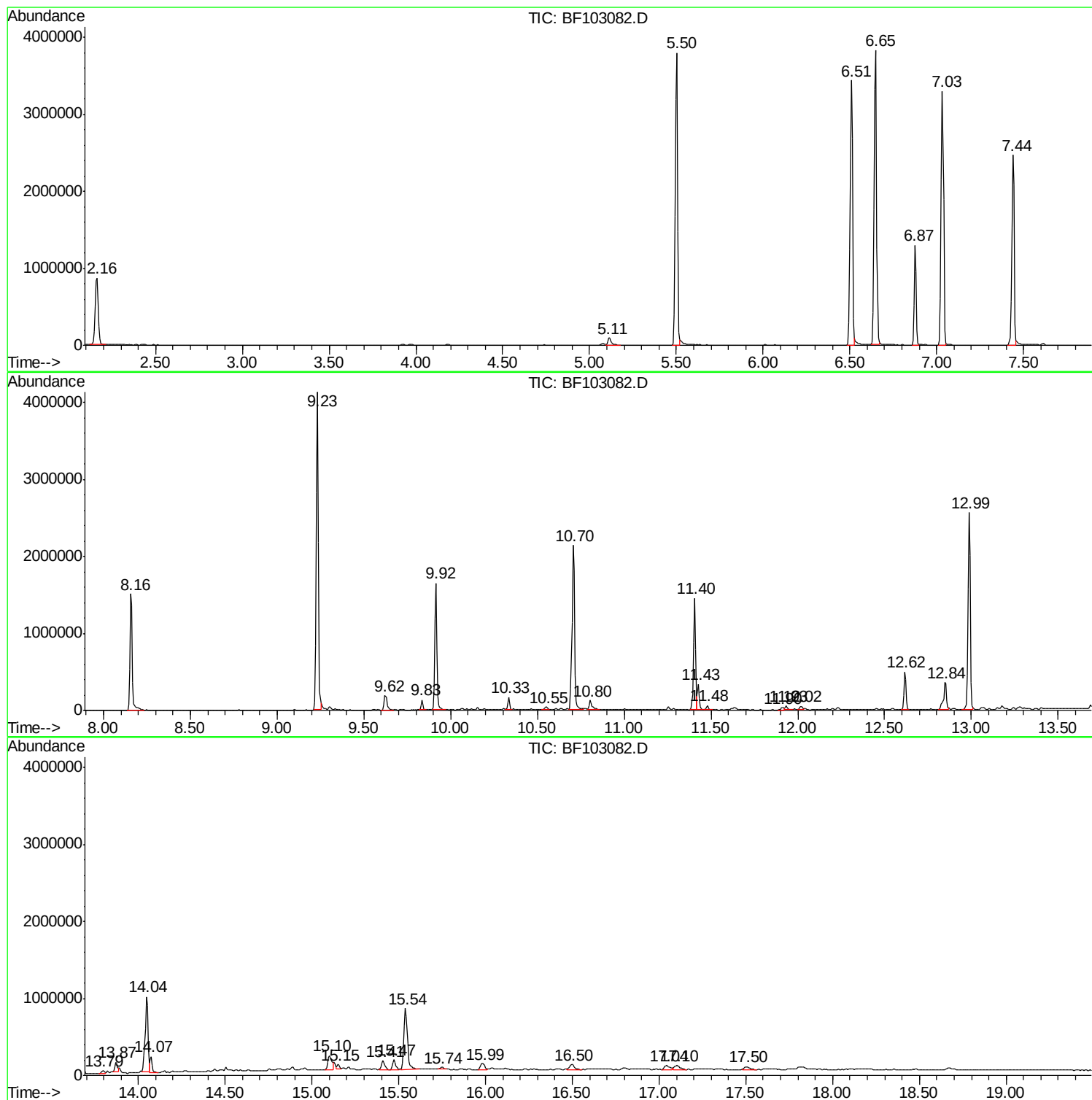
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BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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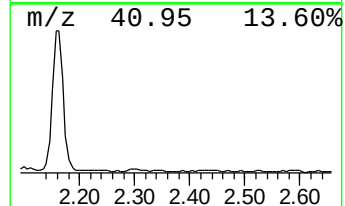
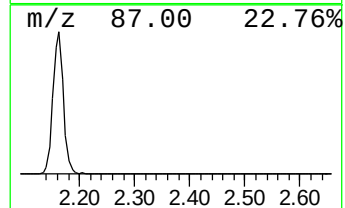
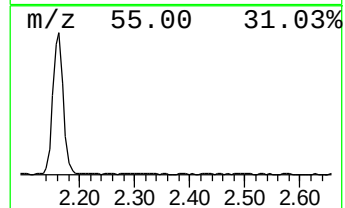
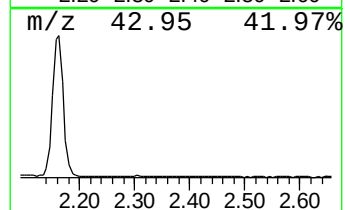
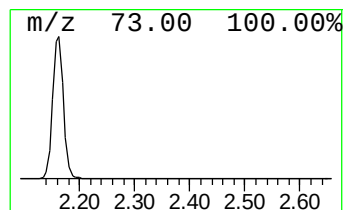
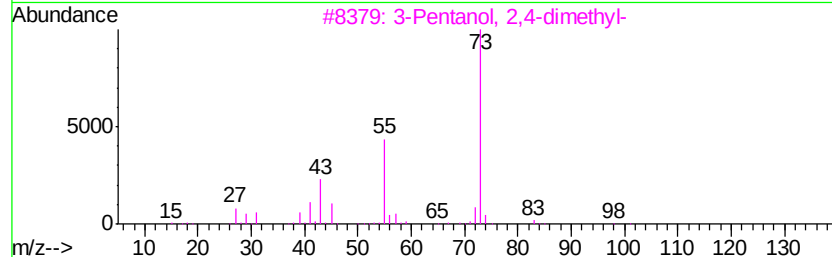
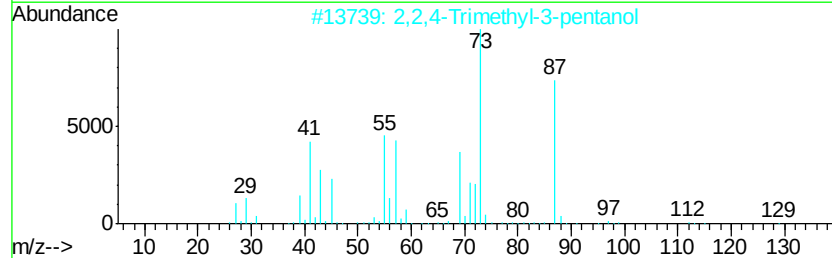
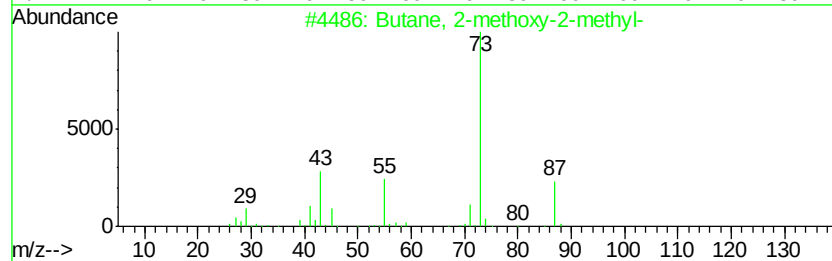
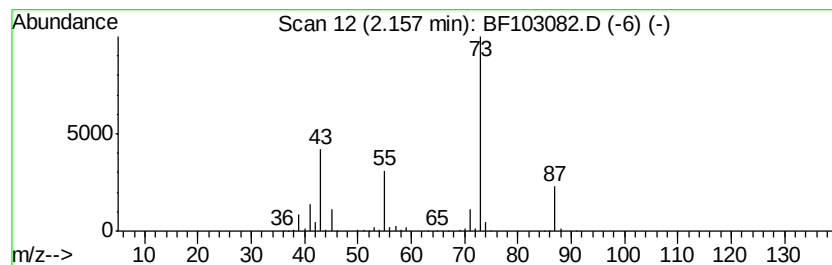
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	21.83 ng	1168540	1,4-Dichlorobenzene-d4	6.87

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	40
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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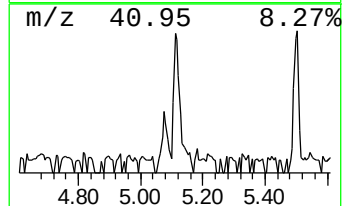
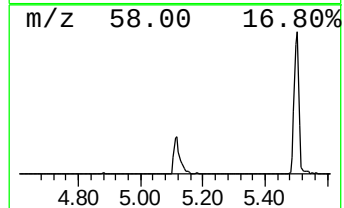
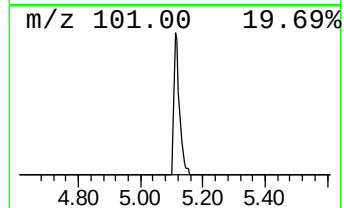
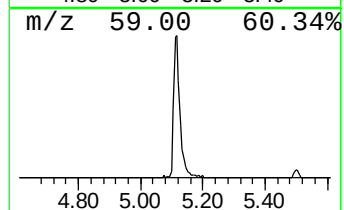
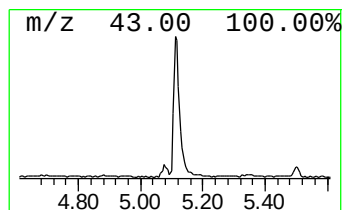
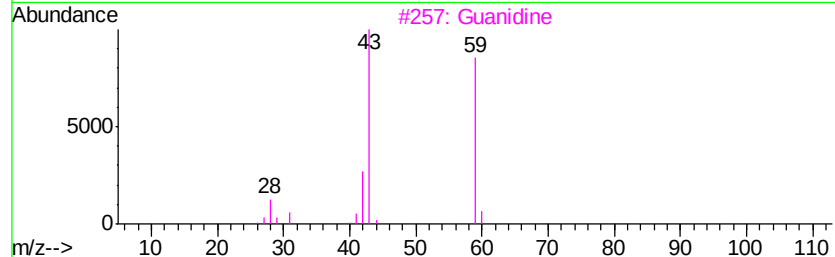
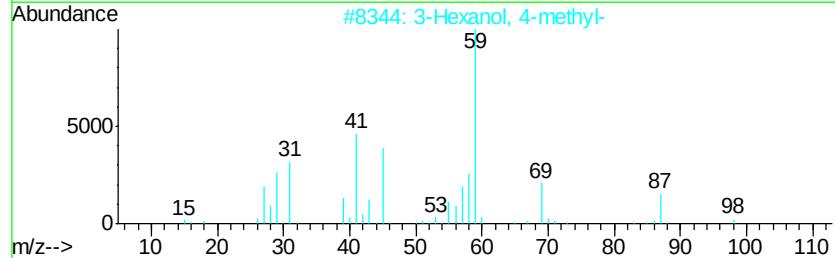
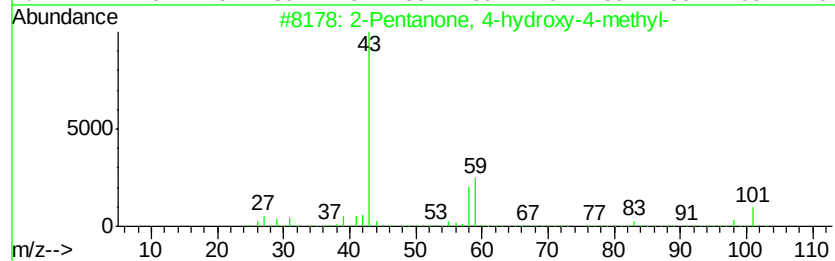
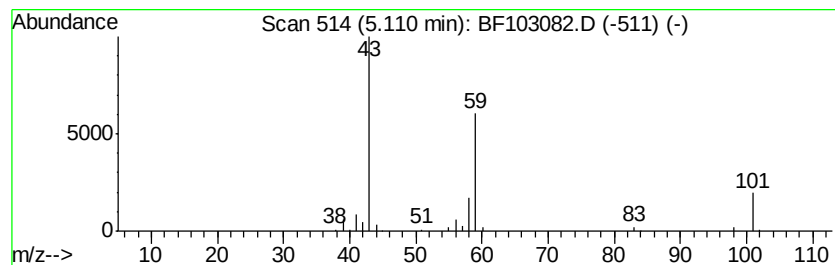
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.38 ng	127601	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Guanidine	59	CH5N3	000113-00-8	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9



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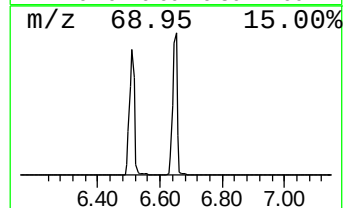
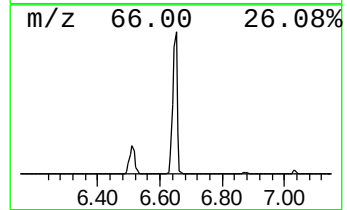
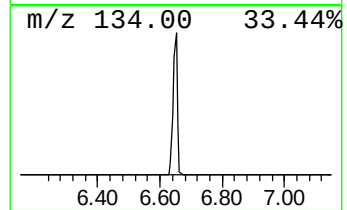
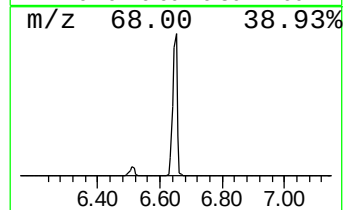
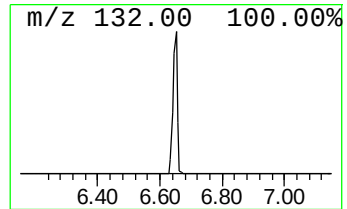
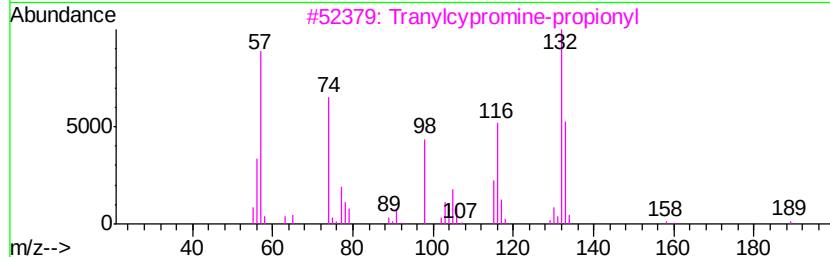
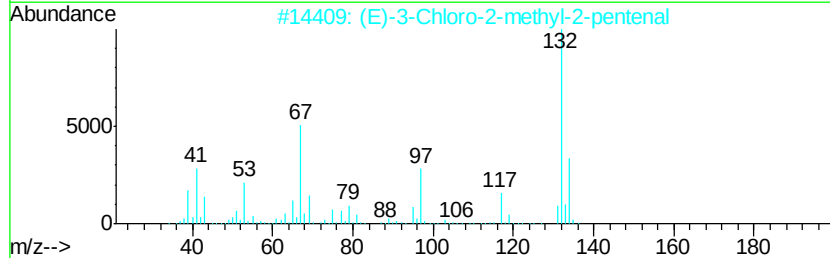
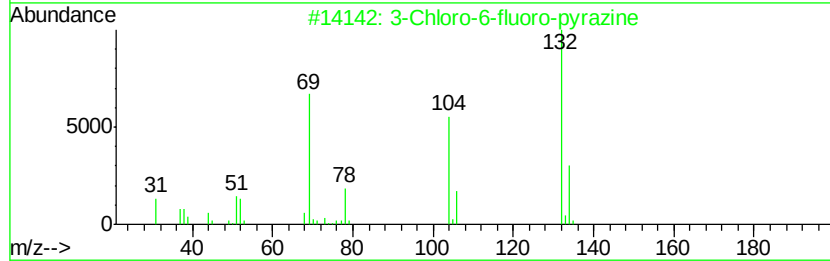
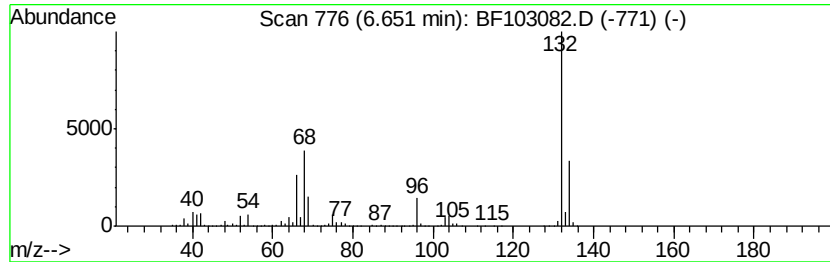
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.41 ng	3768440	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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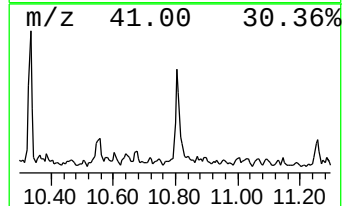
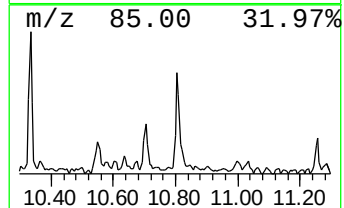
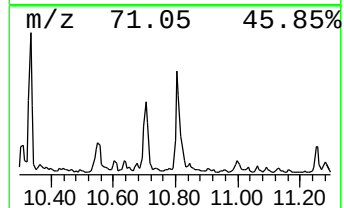
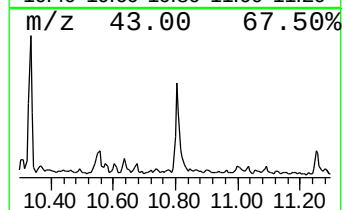
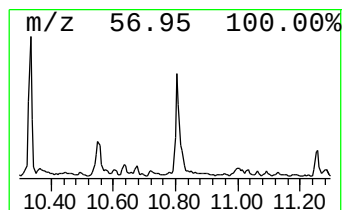
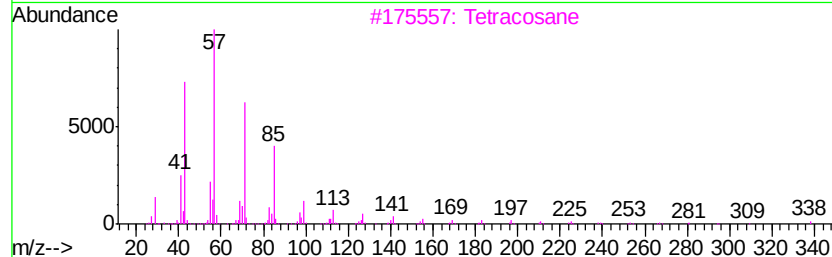
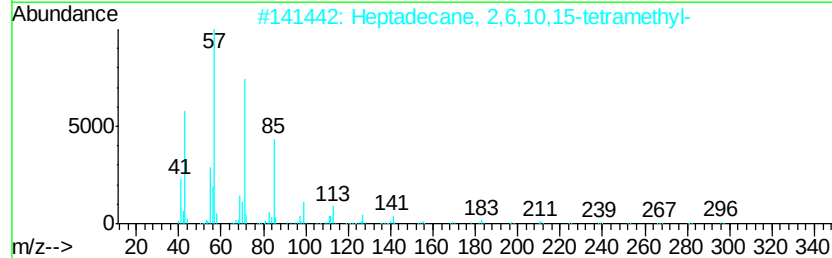
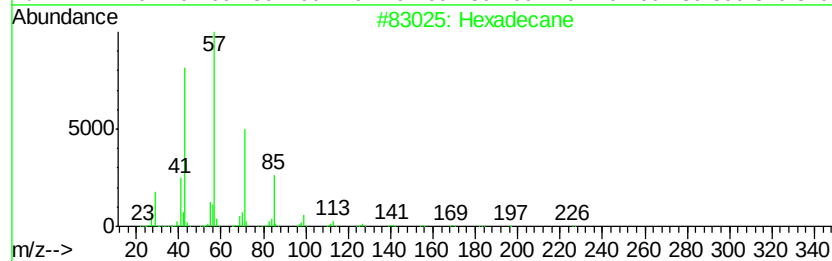
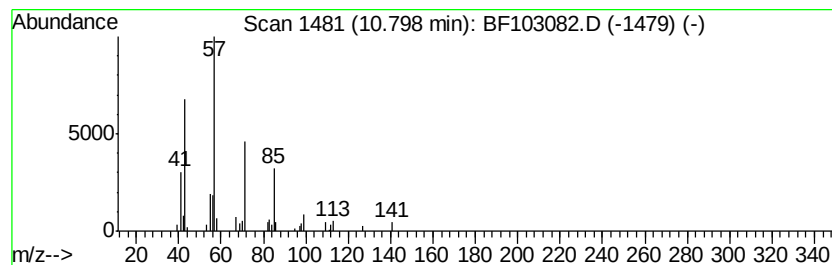
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.02 ng	124125	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 90
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 78
3	Tetracosane		338 C24H50	000646-31-1 72
4	Sulfurous acid, 2-ethylhexyl iso...		278 C14H30O3S	1000309-19-0 64
5	Nonane, 5-butyl-		184 C13H28	017312-63-9 64



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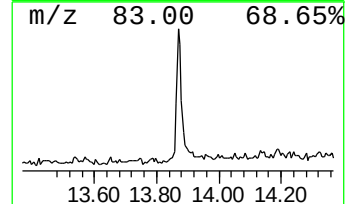
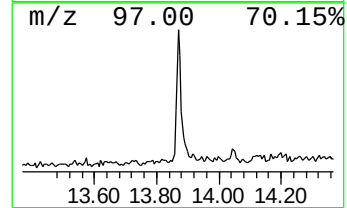
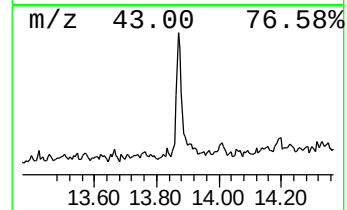
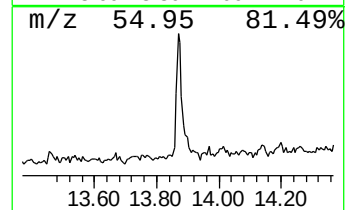
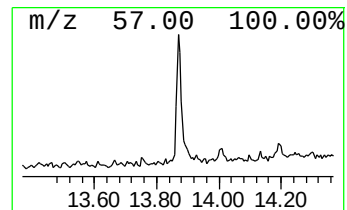
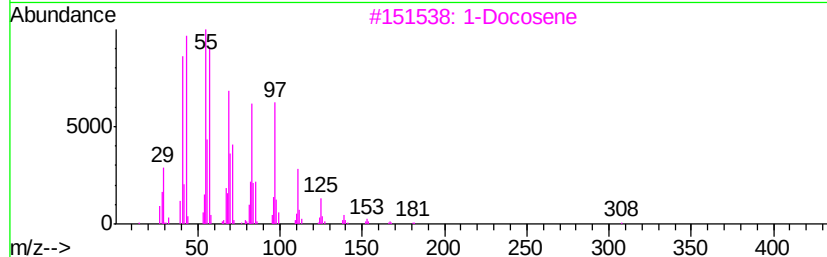
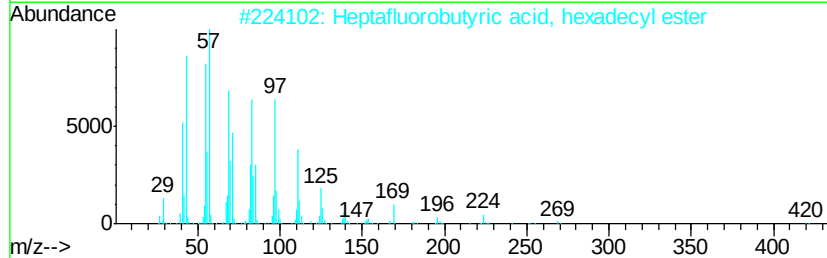
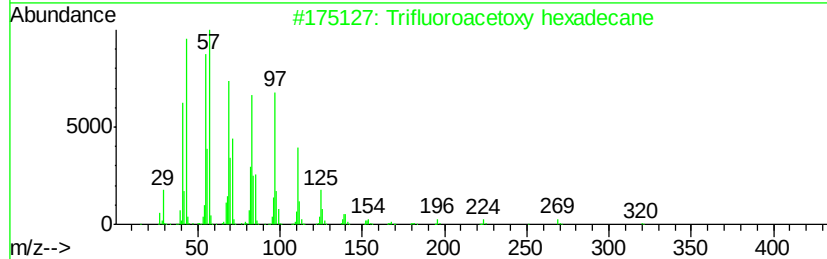
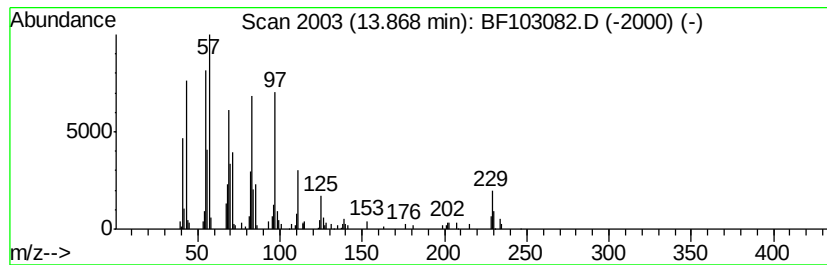
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.30 ng	125308	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
3		1-Docosene	308	C22H44	001599-67-3	87
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80



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Acq On : 19 Feb 2018 15:12
Operator : SJ/JU
Sample : J1604-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3

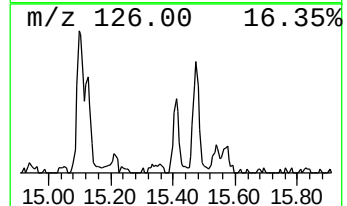
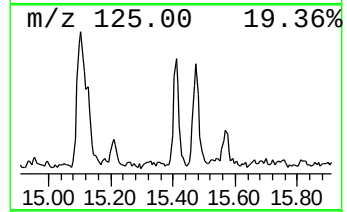
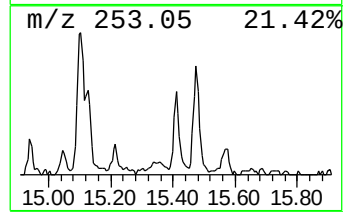
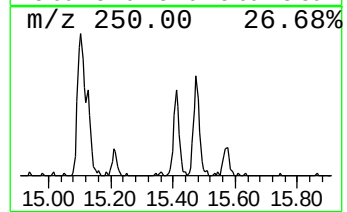
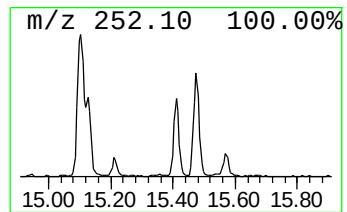
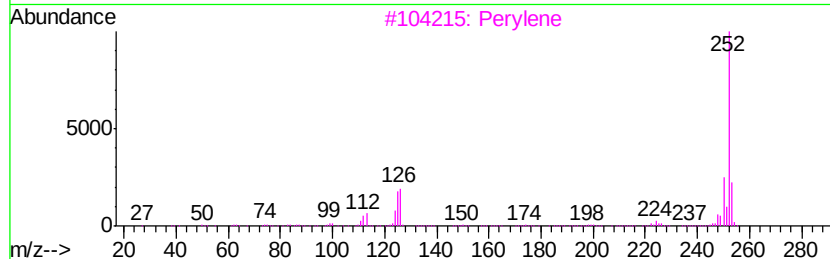
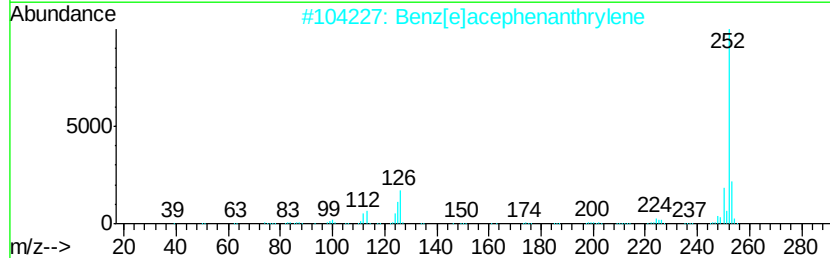
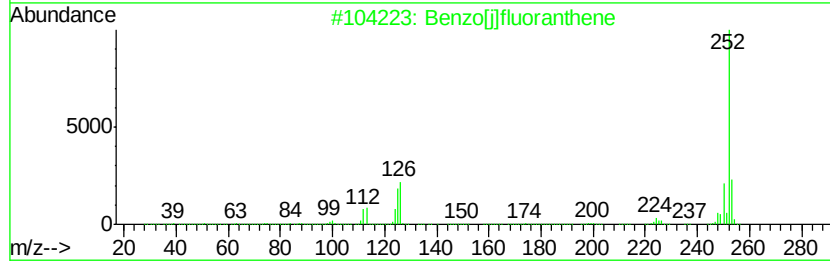
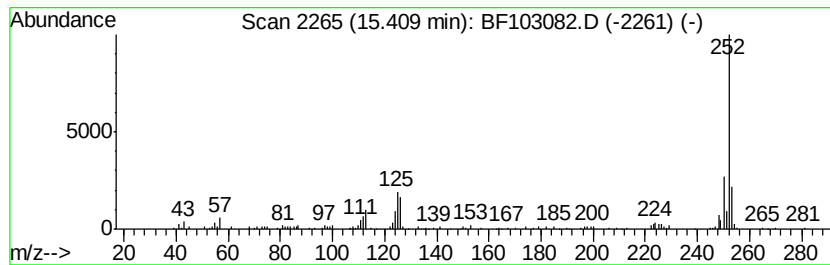
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.95 ng	158242	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]pyrene	252	C20H12	000192-97-2	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103082.D
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ClientSampleId :
TP-3

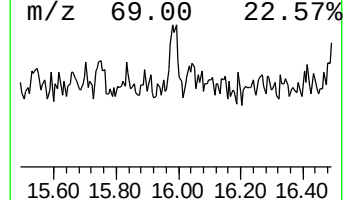
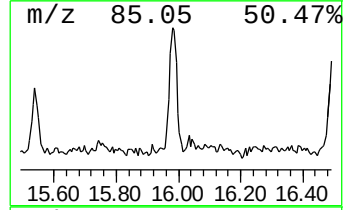
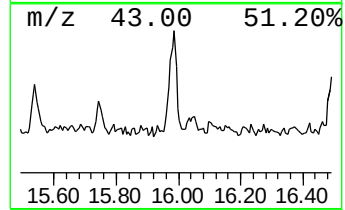
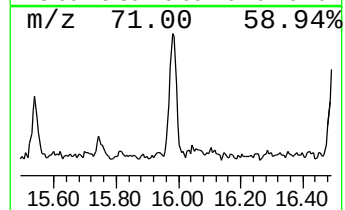
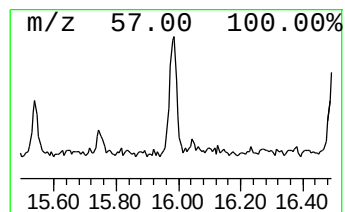
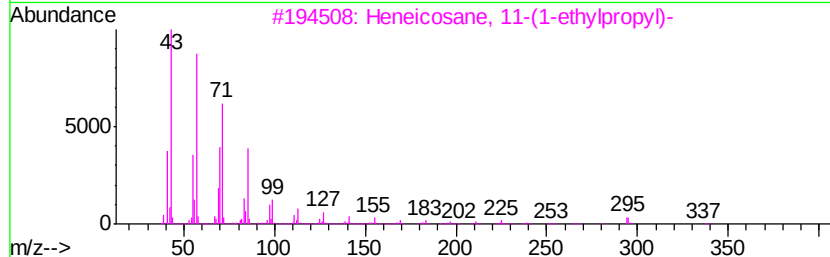
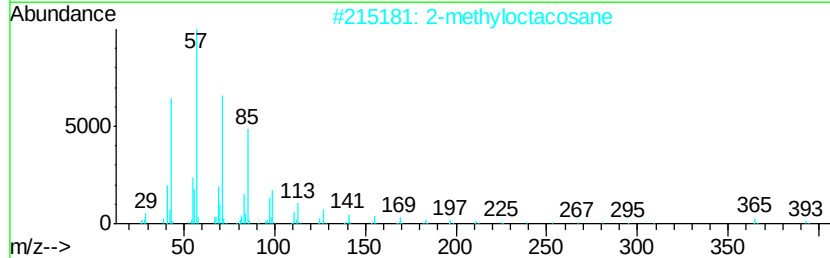
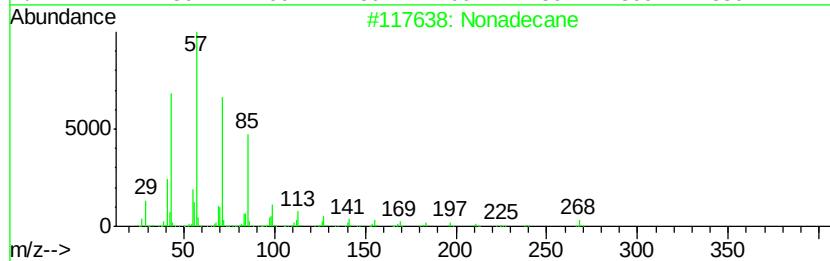
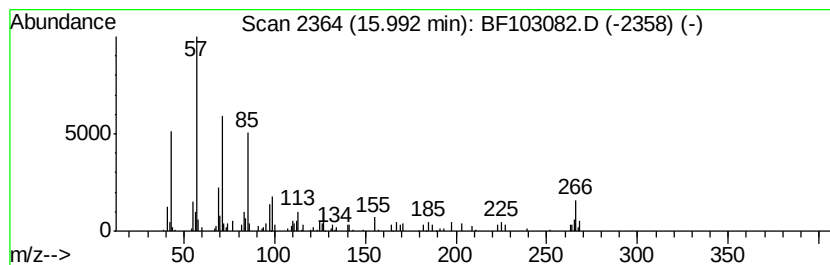
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.17 ng	116243	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	2-methyloctacosane		408	C29H60	1000376-72-8	87
3	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103082.D
Acq On : 19 Feb 2018 15:12
Operator : SJ/JU
Sample : J1604-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

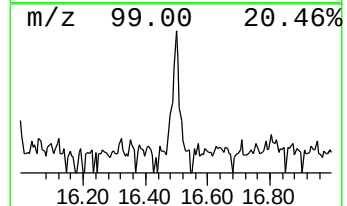
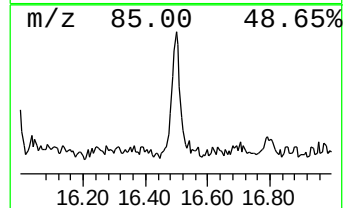
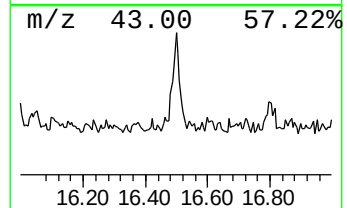
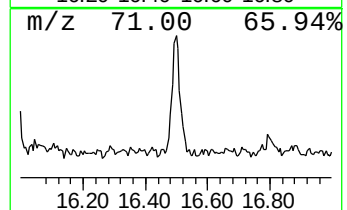
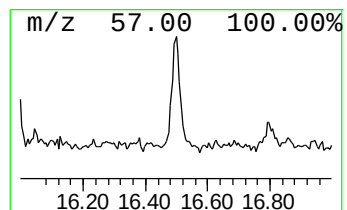
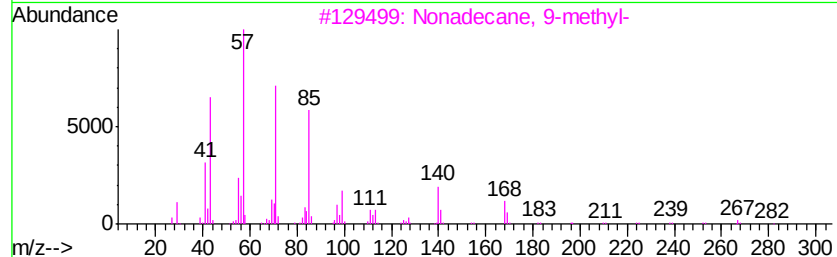
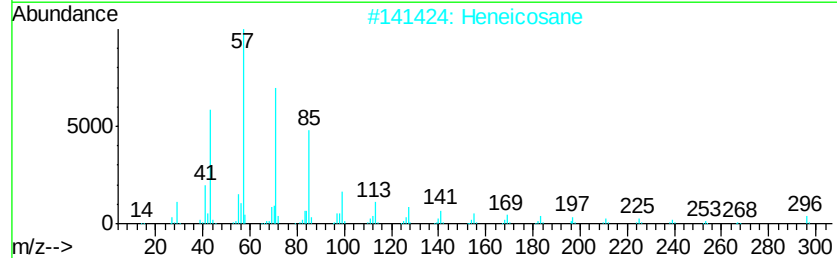
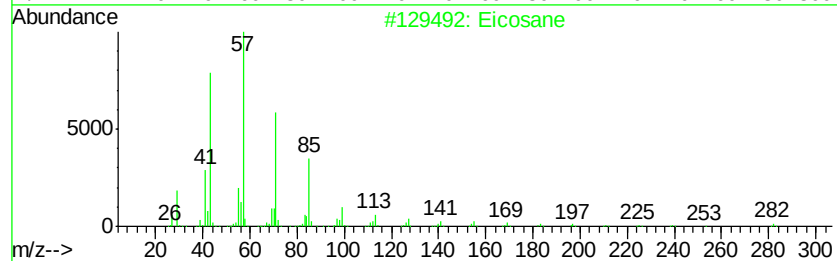
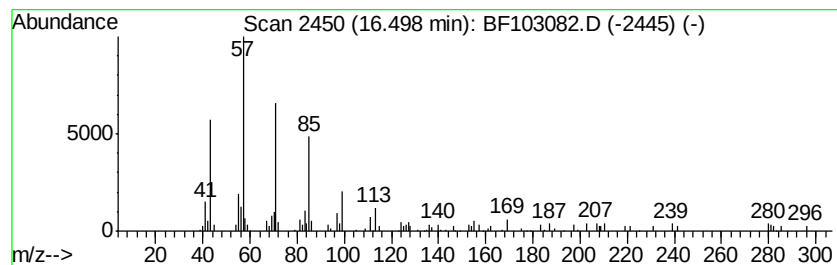
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.19 ng	117788	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Heneicosane		296	C21H44	000629-94-7	93
3	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	86
4	Heptadecane		240	C17H36	000629-78-7	86
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103082.D
Acq On : 19 Feb 2018 15:12
Operator : SJ/JU
Sample : J1604-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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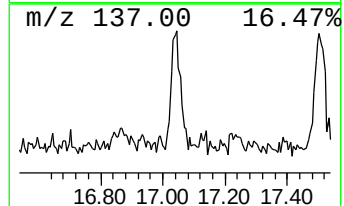
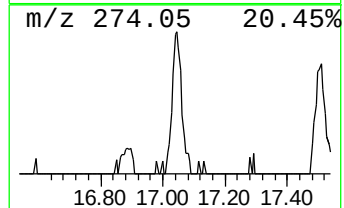
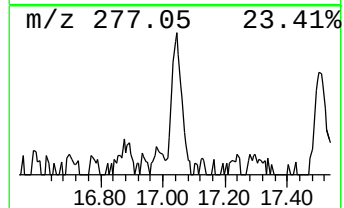
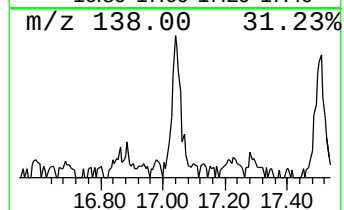
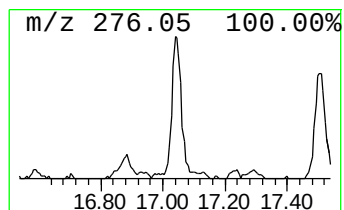
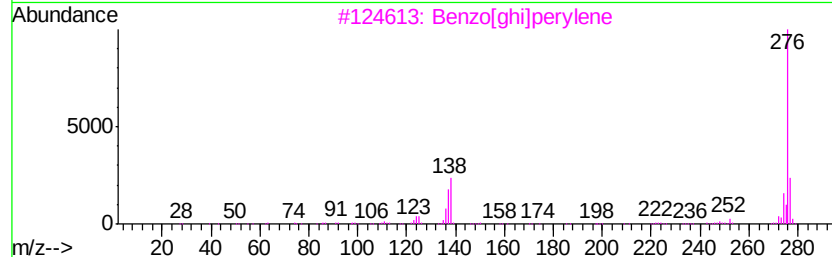
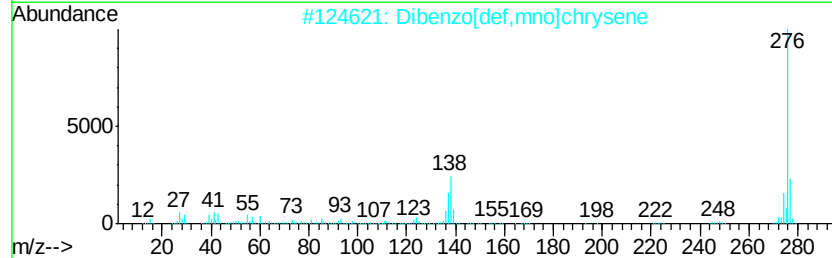
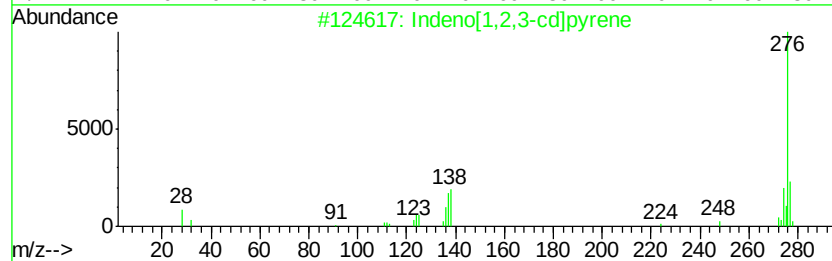
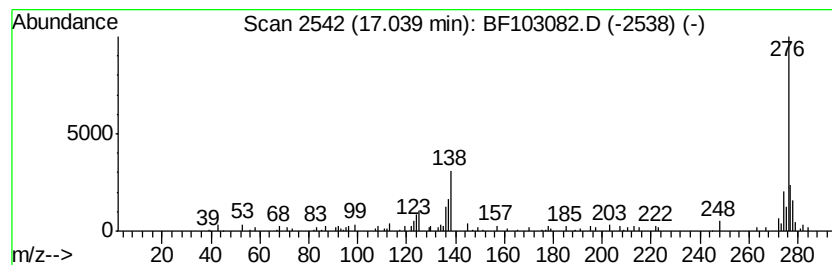
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indeno[1,2,3-cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.03 ng	109083	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	97
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	94
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
5			1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103082.D
Acq On : 19 Feb 2018 15:12
Operator : SJ/JU
Sample : J1604-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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2-Pentanone, 4-hy...	5.11	2.4	ng	127601	1	6.87	1070420	20.0
unknown6.56	6.65	70.4	ng	3768440	1	6.87	1070420	20.0
Hexadecane	10.80	2.0	ng	124125	4	11.40	1230310	20.0
Trifluoroacetoxy ...	13.87	2.3	ng	125308	5	14.04	1087840	20.0
Benzo[j]fluoranthene	15.41	3.0	ng	158242	6	15.54	1073540	20.0
Nonadecane	15.99	2.2	ng	116243	6	15.54	1073540	20.0
Eicosane	16.50	2.2	ng	117788	6	15.54	1073540	20.0
Indeno[1,2,3-cd]p...	17.04	2.0	ng	109083	6	15.54	1073540	20.0