

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032979.D
 Acq On : 3 Mar 2018 12:59
 Operator : SJ/JU
 Sample : J1774-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-18

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_G\METHODS\8270-BG022118.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	3.523	34	40	50	rVV4	36933	94582	2.57%	0.332%
2	3.611	50	55	62	rVB	51279	89599	2.43%	0.315%
3	4.240	158	162	172	rBV	26461	52980	1.44%	0.186%
4	5.820	425	431	439	rBV	35442	60745	1.65%	0.213%
5	6.331	510	518	528	rBV	968894	1746739	47.41%	6.136%
6	7.324	680	687	700	rBV	27682	58620	1.59%	0.206%
7	7.752	755	760	766	rBV	19077	42041	1.14%	0.148%
8	7.835	766	774	783	rVB2	39763	85521	2.32%	0.300%
9	8.011	796	804	821	rBV	1054276	1973595	53.56%	6.933%
10	8.428	867	875	890	rBV	999689	1934268	52.50%	6.795%
11	8.916	949	958	969	rVB	201761	358005	9.72%	1.258%
12	9.151	991	998	1007	rVV6	14470	40152	1.09%	0.141%
13	9.250	1007	1015	1025	rVB	725093	1351902	36.69%	4.749%
14	10.114	1152	1162	1176	rBV	623792	1180453	32.04%	4.147%
15	11.512	1394	1400	1408	rBV	22529	41943	1.14%	0.147%
16	11.800	1441	1449	1457	rVB	298438	552987	15.01%	1.943%
17	13.186	1672	1685	1691	rBV2	24559	43577	1.18%	0.153%
18	13.885	1799	1804	1816	rVB	69322	108538	2.95%	0.381%
19	14.156	1837	1850	1862	rBV	1646670	2752211	74.70%	9.668%
20	14.373	1880	1887	1892	rBV	56318	89218	2.42%	0.313%
21	14.432	1892	1897	1907	rVB	114829	186272	5.06%	0.654%
22	15.019	1992	1997	2003	rVB	61166	86492	2.35%	0.304%
23	15.113	2008	2013	2023	rVV2	22228	38428	1.04%	0.135%
24	15.530	2076	2084	2092	rVB2	456074	755516	20.51%	2.654%
25	16.288	2203	2213	2220	rVB	817203	1207892	32.78%	4.243%
26	16.646	2270	2274	2279	rBV	49861	59924	1.63%	0.211%
27	16.999	2327	2334	2345	rBV	1267955	2048821	55.61%	7.197%
28	17.345	2385	2393	2399	rBV2	23018	47885	1.30%	0.168%
29	17.457	2408	2412	2421	rBV	77302	116364	3.16%	0.409%
30	17.569	2427	2431	2436	rBV	23585	37562	1.02%	0.132%
31	18.097	2517	2521	2529	rBV2	25086	37582	1.02%	0.132%
32	18.256	2540	2548	2555	rBV	611015	995499	27.02%	3.497%
33	18.479	2578	2586	2592	rBV	336483	438877	11.91%	1.542%
34	18.567	2596	2601	2610	rVV5	38896	75585	2.05%	0.266%

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Sampling : 1
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Stop Thrs : 0
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Max Peaks: 100
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35	18.867	2649	2652	2655	rVB3	45695	52697	1.43%	0.185%
36	18.920	2655	2661	2663	rBV2	56005	112656	3.06%	0.396%
37	18.943	2663	2665	2672	rVV3	60077	128574	3.49%	0.452%
38	19.014	2673	2677	2680	rVV4	31325	60027	1.63%	0.211%
39	19.055	2681	2684	2690	rVV5	49623	85748	2.33%	0.301%
40	19.143	2694	2699	2705	rVB	1153026	1517443	41.18%	5.331%
41	19.466	2751	2754	2762	rVB3	26643	47433	1.29%	0.167%
42	19.584	2769	2774	2778	rBV2	41393	58767	1.59%	0.206%
43	19.889	2822	2826	2833	rBV3	47375	86505	2.35%	0.304%
44	19.948	2833	2836	2840	rVB	68304	79365	2.15%	0.279%
45	19.995	2840	2844	2853	rVB6	20805	39489	1.07%	0.139%
46	20.089	2856	2860	2868	rVB7	19507	39847	1.08%	0.140%
47	20.506	2927	2931	2935	rBV	188797	214875	5.83%	0.755%
48	20.776	2971	2977	2984	rBV	2632590	3684520	100.00%	12.944%
49	21.029	3015	3020	3025	rBV	287641	350657	9.52%	1.232%
50	21.111	3030	3034	3039	rVB6	58766	84259	2.29%	0.296%
51	21.211	3049	3051	3063	rVB6	16125	38605	1.05%	0.136%
52	21.410	3080	3085	3091	rVB7	17181	39574	1.07%	0.139%
53	21.563	3106	3111	3116	rVB	286650	358072	9.72%	1.258%
54	22.133	3202	3208	3213	rBV	206689	295663	8.02%	1.039%
55	22.421	3252	3257	3262	rVB	68813	106739	2.90%	0.375%
56	22.609	3281	3289	3300	rBV2	498124	971103	26.36%	3.411%
57	22.762	3310	3315	3321	rVB	96361	148206	4.02%	0.521%
58	23.472	3430	3436	3444	rBV2	45881	84373	2.29%	0.296%
59	24.295	3570	3576	3583	rBV2	22786	49329	1.34%	0.173%
60	26.421	3925	3938	3956	rBV2	261815	940882	25.54%	3.305%

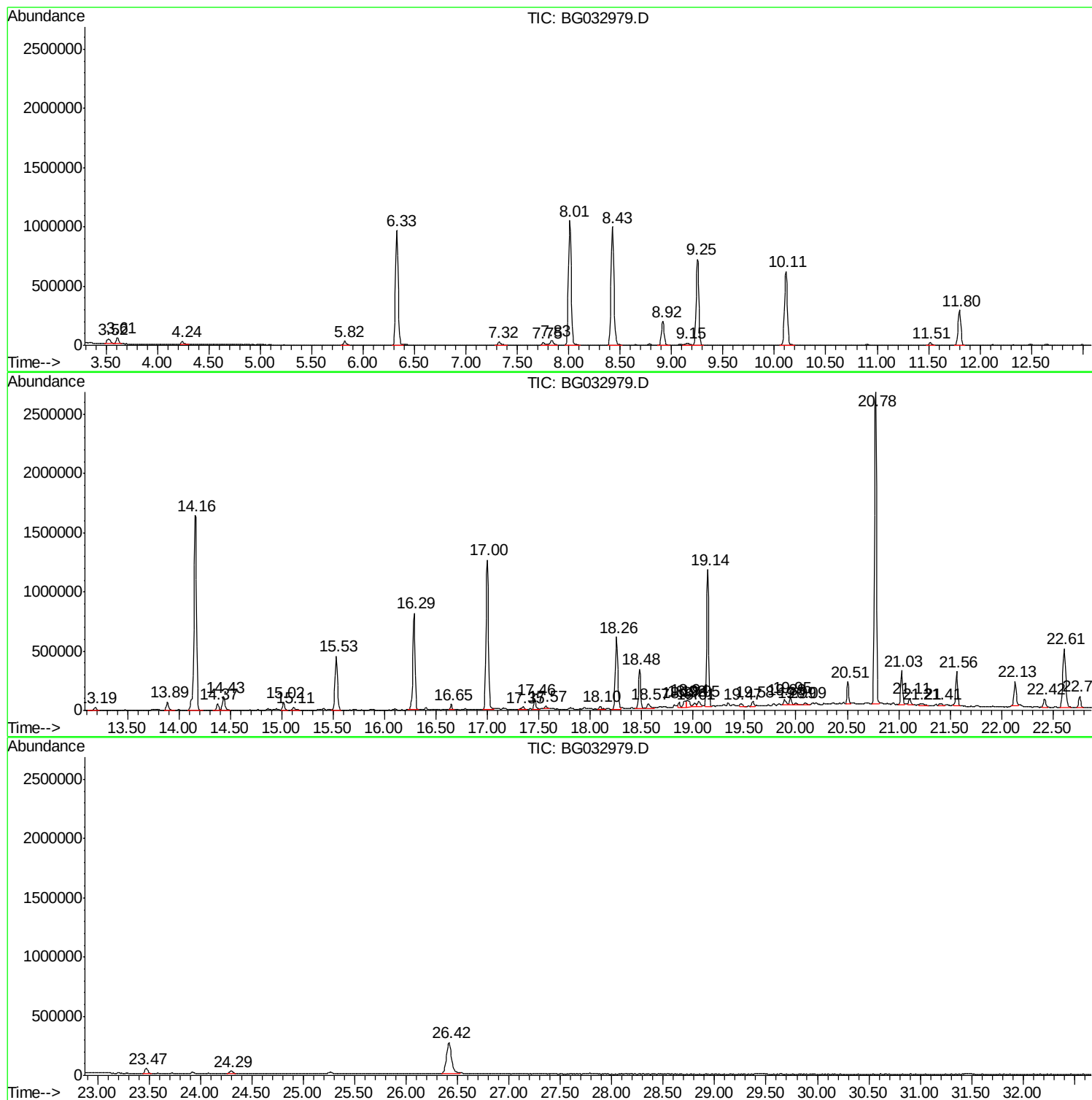
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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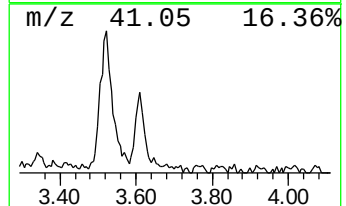
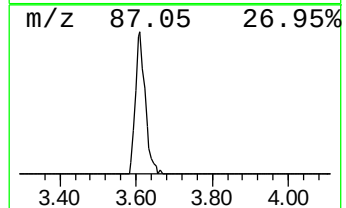
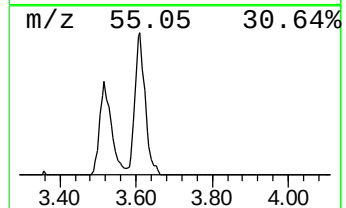
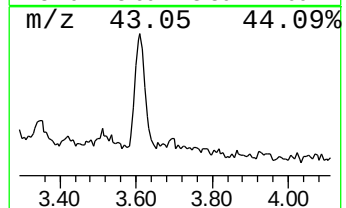
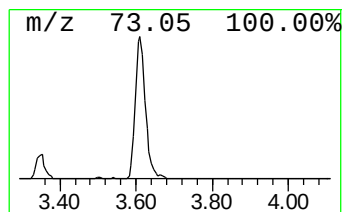
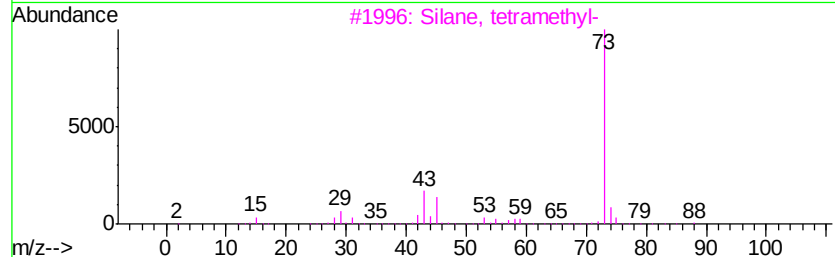
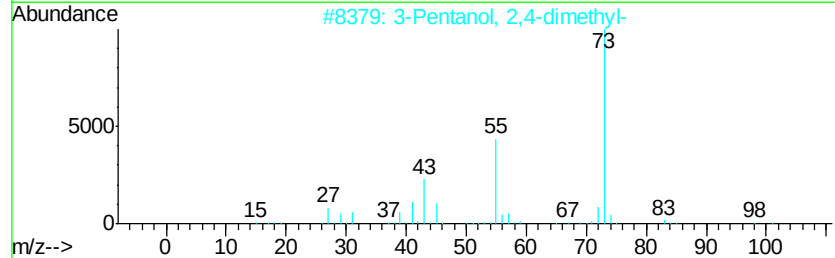
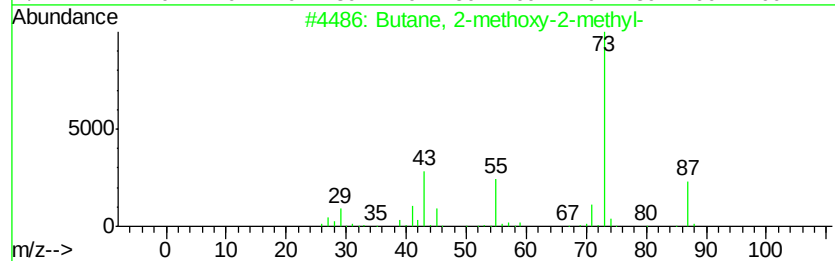
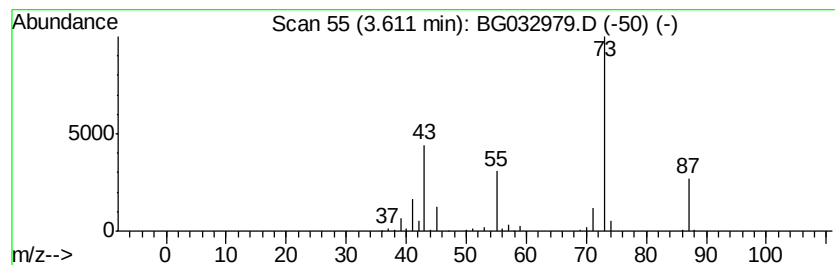
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	5.01 ng	89599	1,4-Dichlorobenzene-d4	8.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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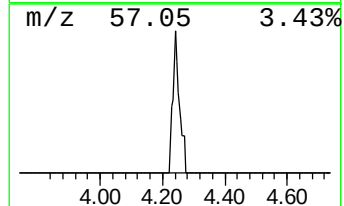
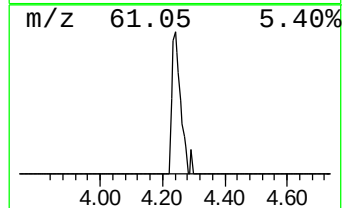
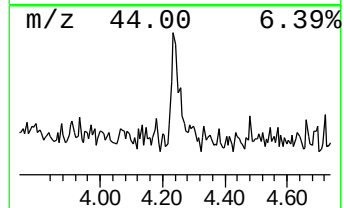
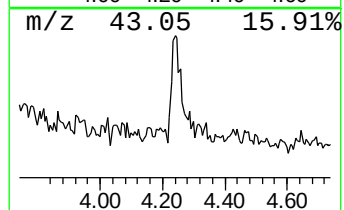
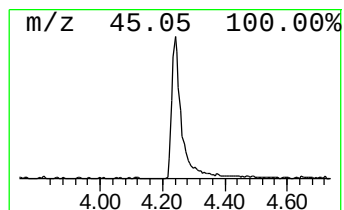
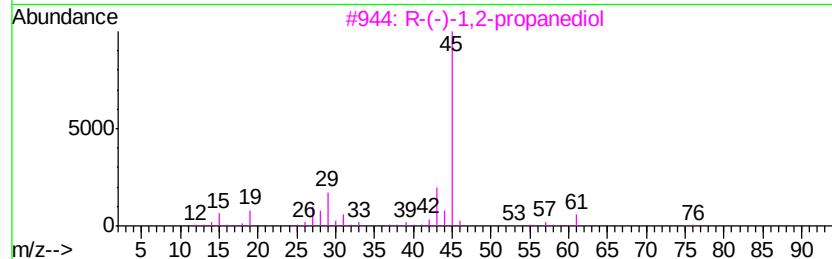
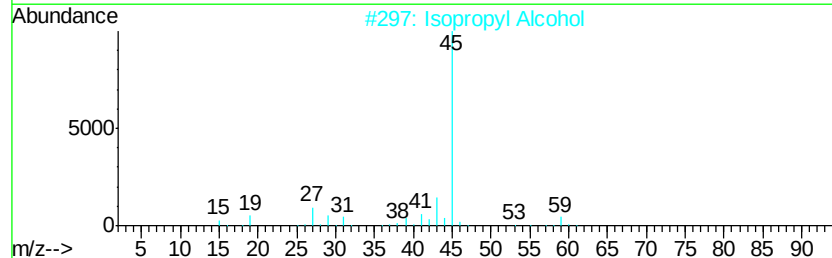
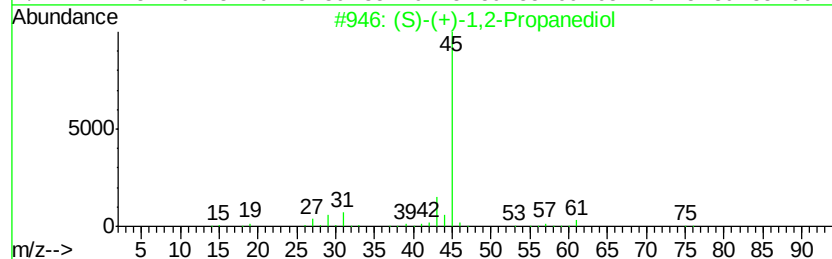
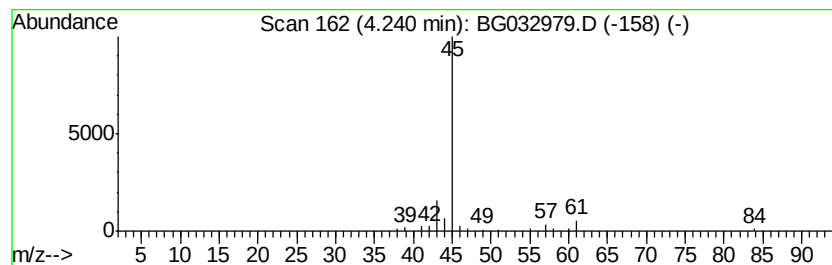
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (S)-(+)-1,2-Propanediol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	2.96 ng	52980	1,4-Dichlorobenzene-d4	8.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
4		Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9
5		2-Butanol, (R)-	74	C4H10O	014898-79-4	9



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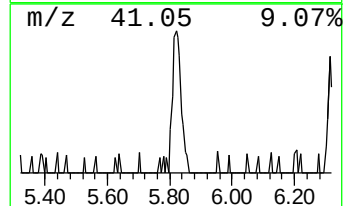
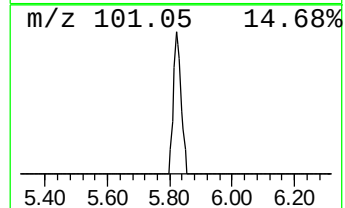
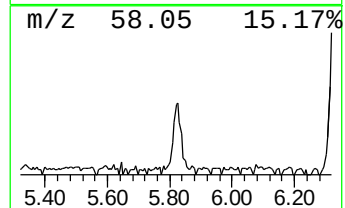
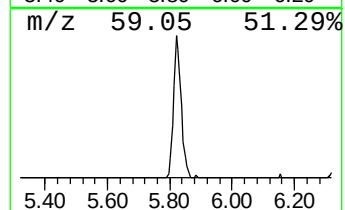
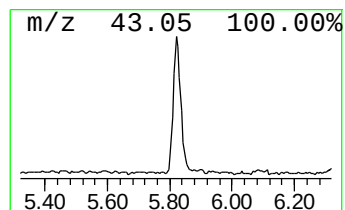
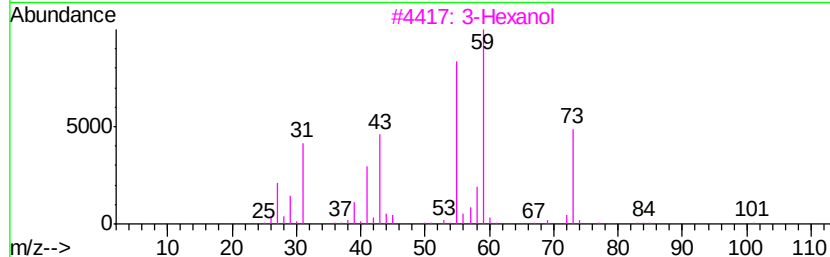
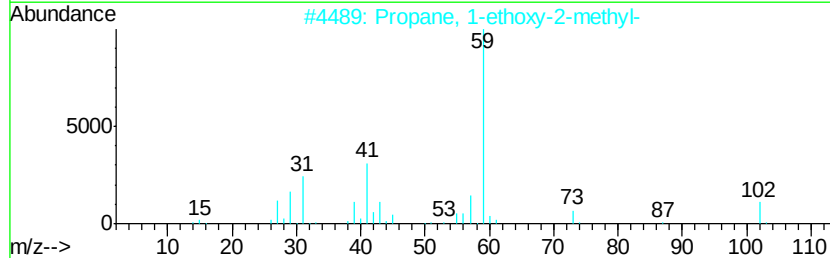
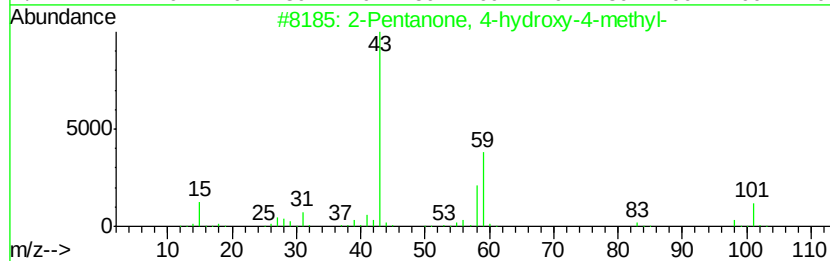
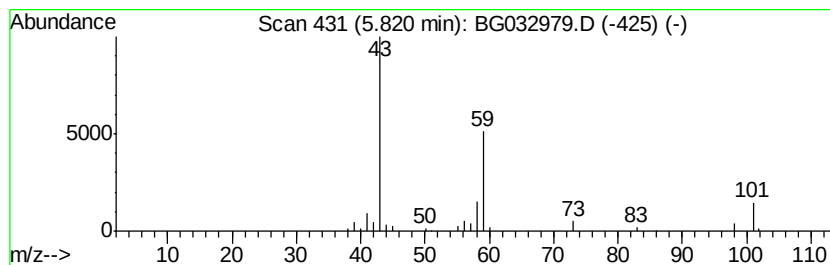
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.39 ng	60745	1,4-Dichlorobenzene-d4	8.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	45
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O		000627-02-1	38
3	3-Hexanol	102	C6H14O		000623-37-0	33
4	Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O		017348-59-3	28
5	3-Octanol	130	C8H18O		000589-98-0	28



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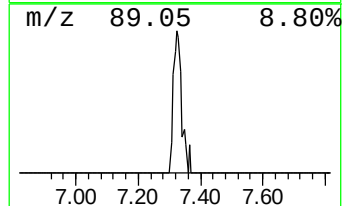
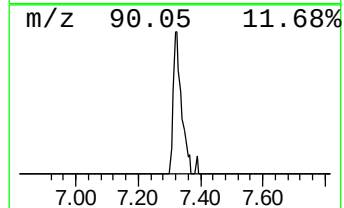
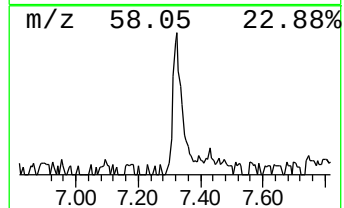
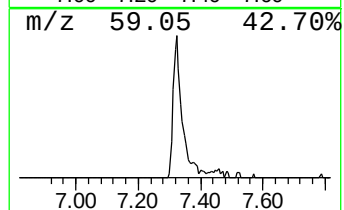
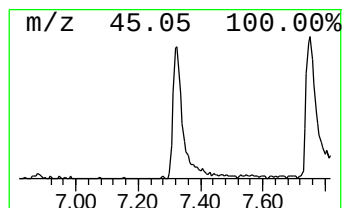
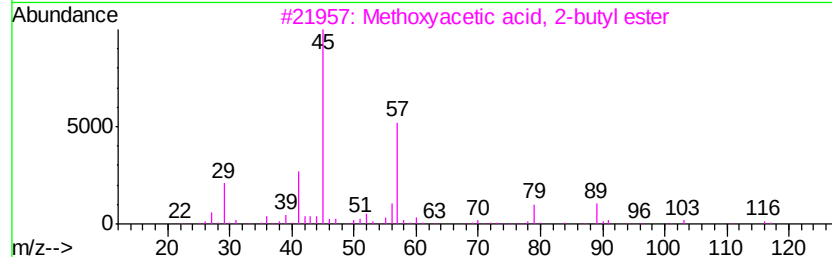
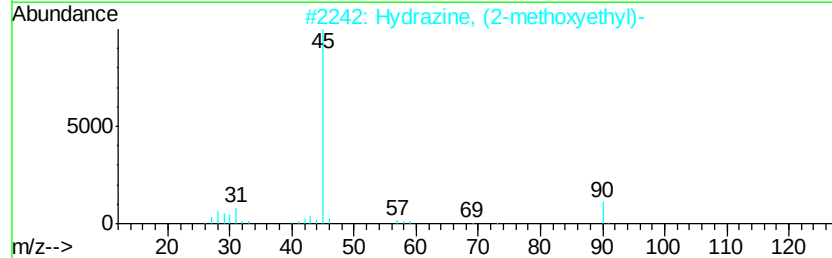
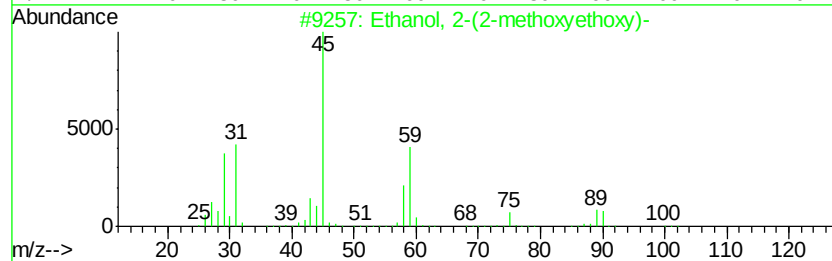
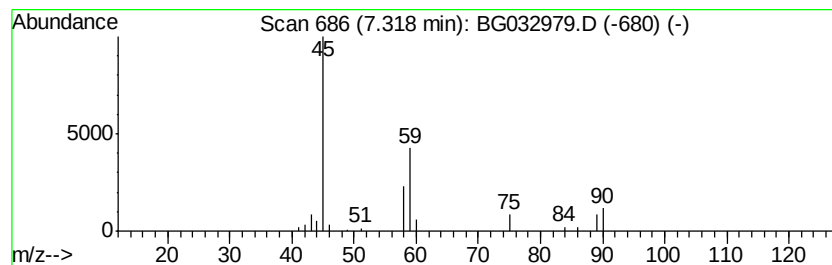
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	3.27 ng	58620	1,4-Dichlorobenzene-d4	8.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	32
3		Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	25
4		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	25
5		Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	9



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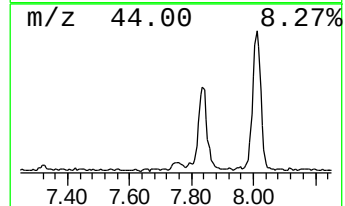
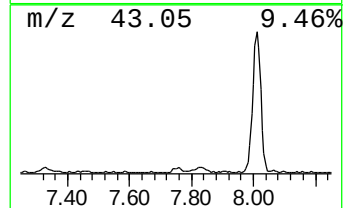
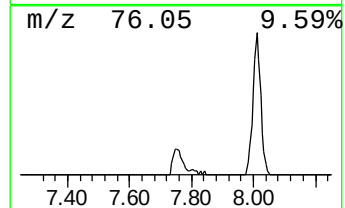
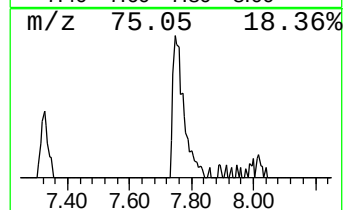
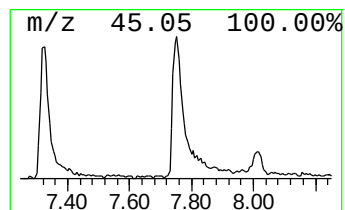
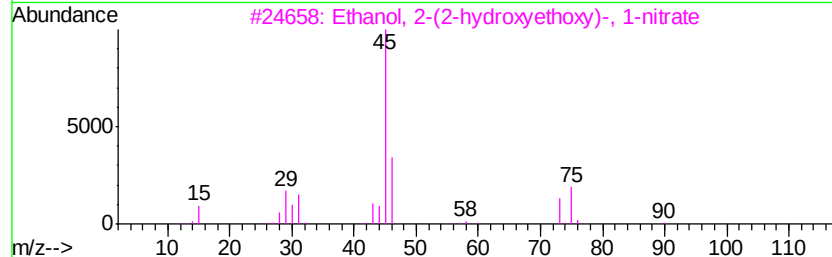
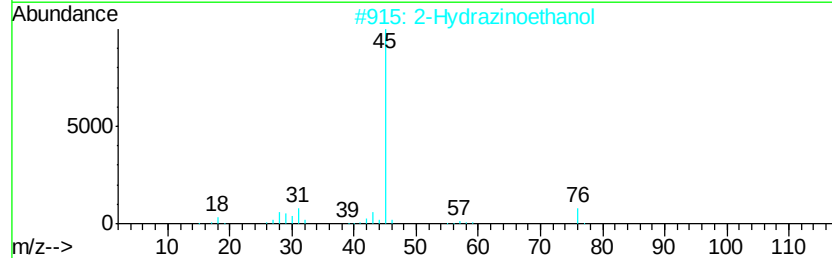
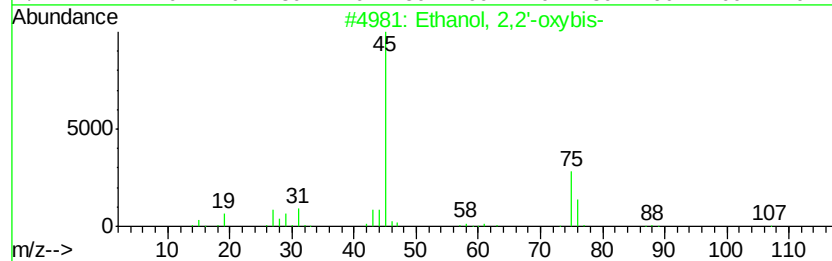
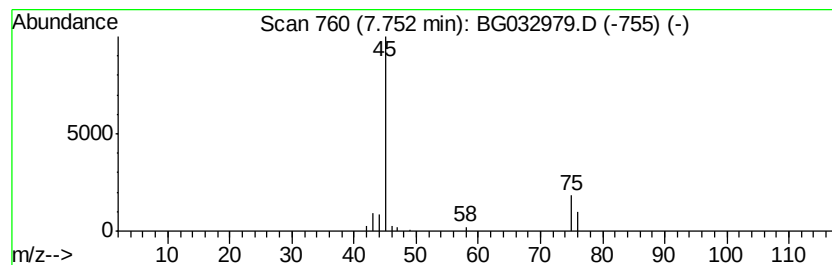
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Ethanol, 2,2'-oxybis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.35 ng	42041	1,4-Dichlorobenzene-d4	8.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2		2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
3		Ethanol, 2-(2-hydroxyethoxy)-, 1...	151	C4H9NO5	020633-16-3	9
4		Formamide	45	CH3NO	000075-12-7	7
5		Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	7



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032979.D
Acq On : 3 Mar 2018 12:59
Operator : SJ/JU
Sample : J1774-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CLEAN-SAND-18

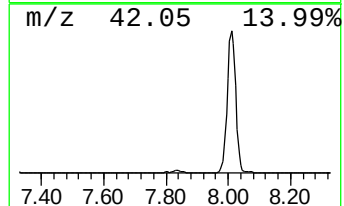
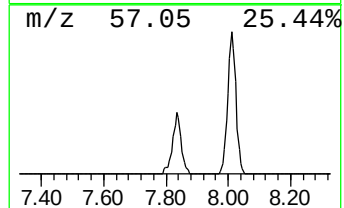
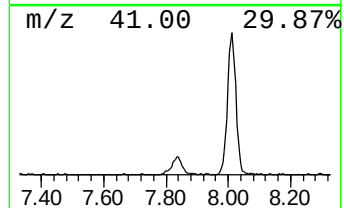
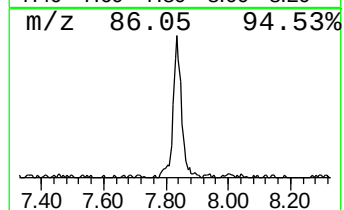
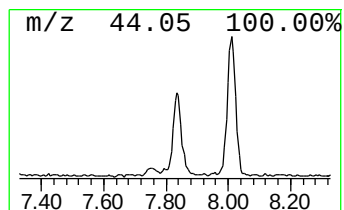
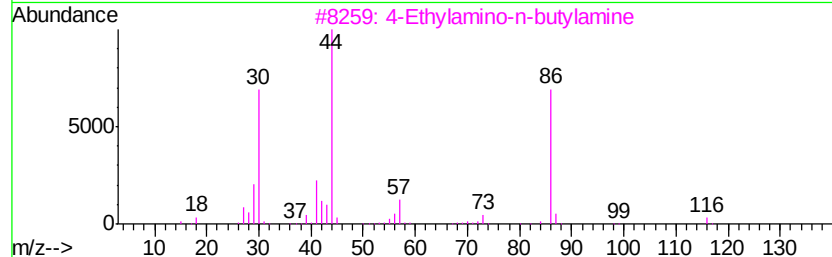
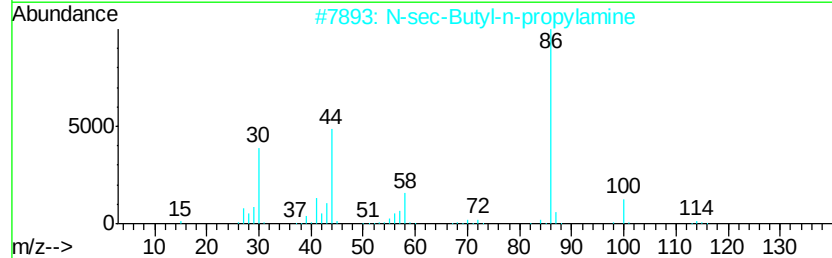
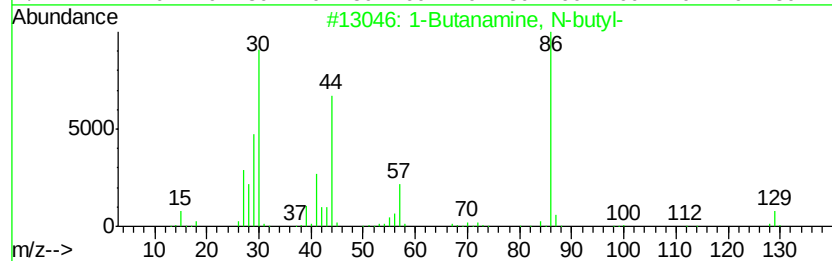
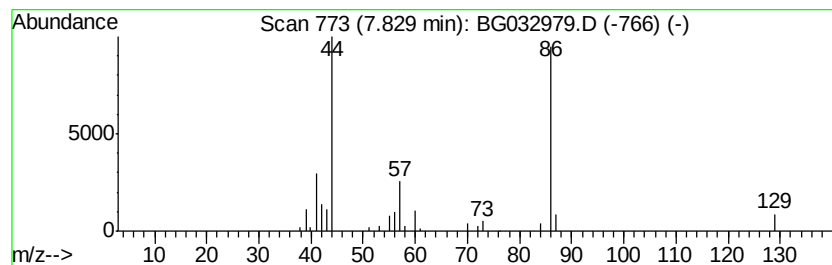
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Butanamine, N-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	4.78 ng	85521	1,4-Dichlorobenzene-d4	8.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanamine, N-butyl-	129	C8H19N	000111-92-2	91
2			N-sec-Butyl-n-propylamine	115	C7H17N	039190-67-5	78
3			4-Ethylamino-n-butylamine	116	C6H16N2	064429-16-9	78
4			1-Propanamine, N-(1-methylethyl)-	101	C6H15N	021968-17-2	64
5			n-Butylethylenediamine	116	C6H16N2	019522-69-1	64



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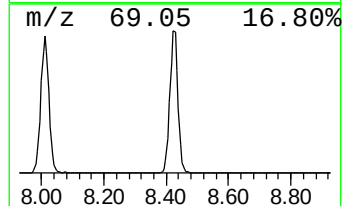
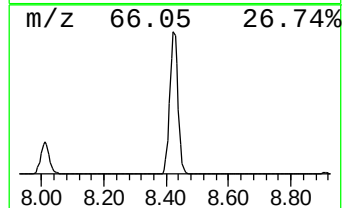
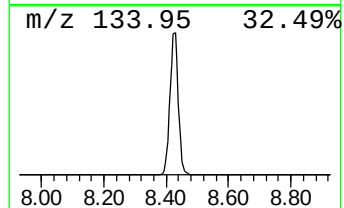
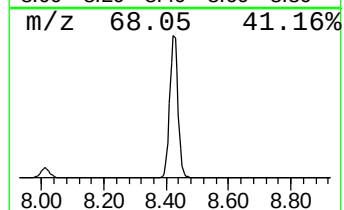
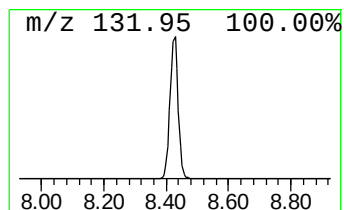
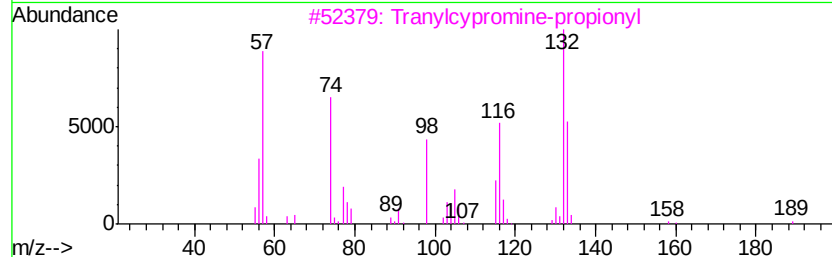
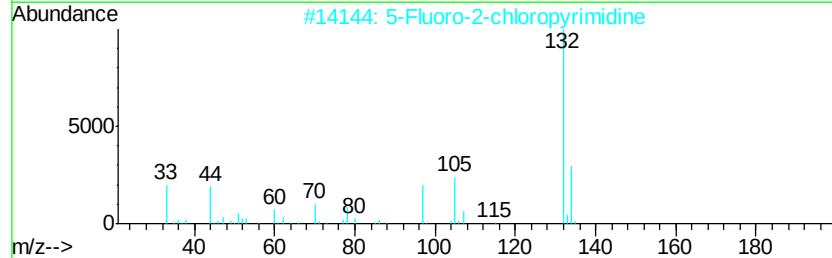
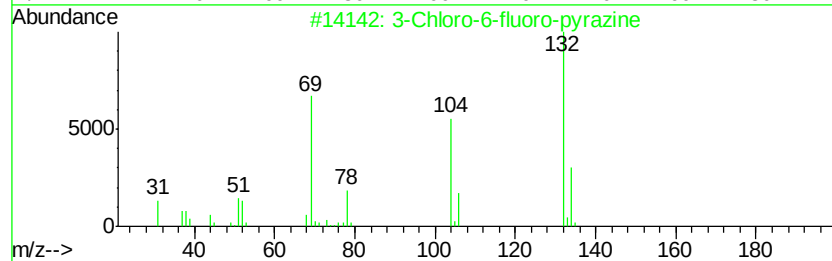
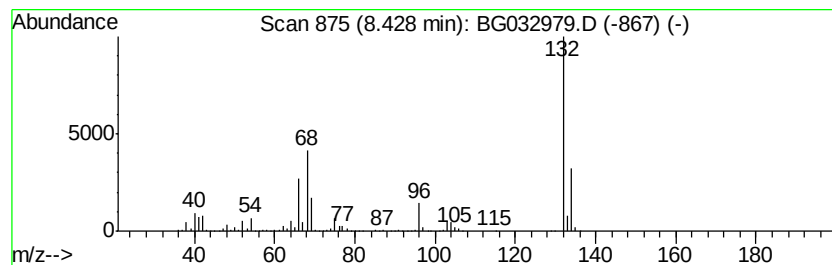
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	108.06 ng	1934270	1,4-Dichlorobenzene-d4	8.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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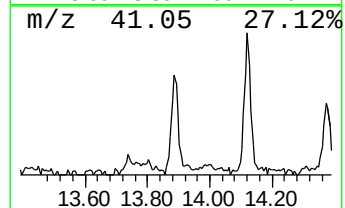
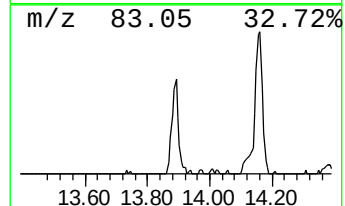
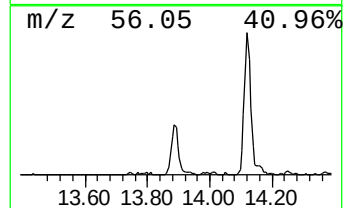
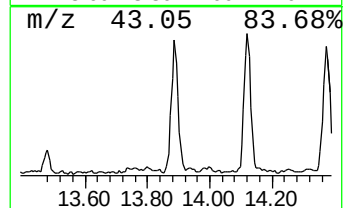
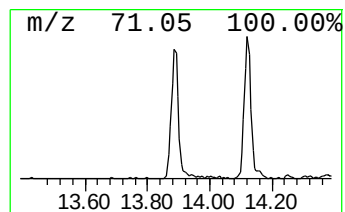
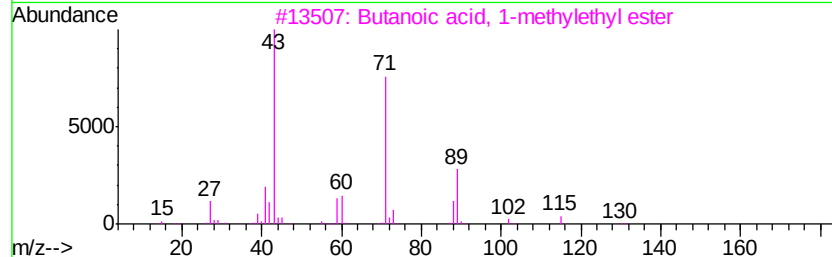
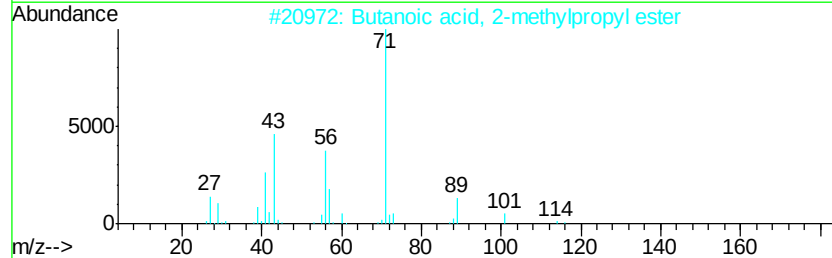
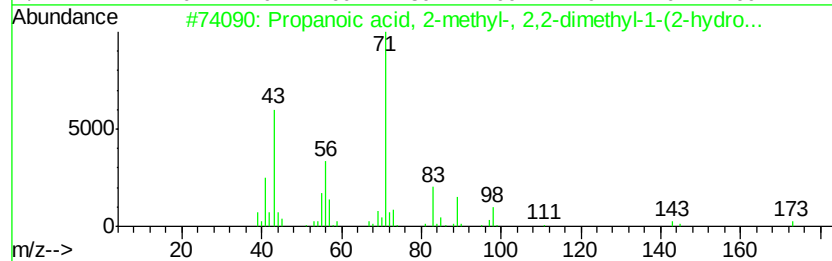
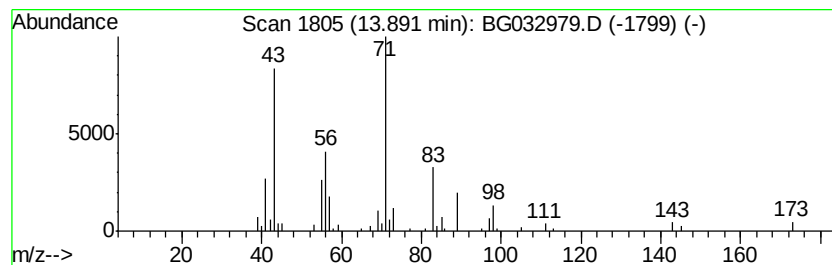
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.87 ng	108538	Acenaphthene-d10	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Propanoic acid, 2-methyl-, 2,2-d...	216 C12H24O3	074367-33-2 90
2		Butanoic acid, 2-methylpropyl ester	144 C8H16O2	000539-90-2 59
3		Butanoic acid, 1-methylethyl ester	130 C7H14O2	000638-11-9 43
4		2,2,4-Trimethyl-1,3-pentanediol ...	286 C16H30O4	006846-50-0 43
5		Propanoic acid, 2-methyl-, 2-met...	144 C8H16O2	000097-85-8 42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
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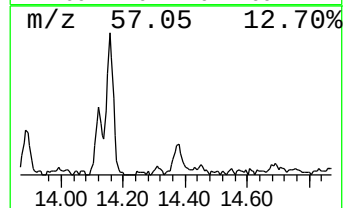
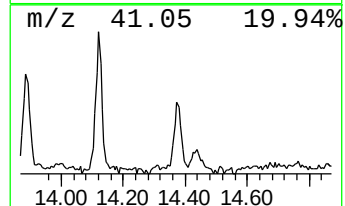
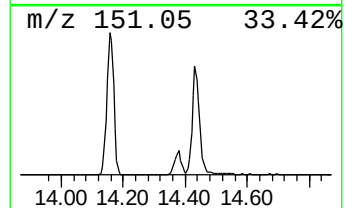
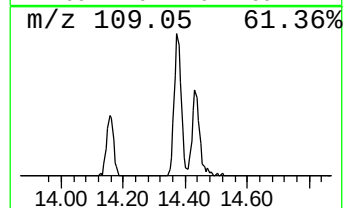
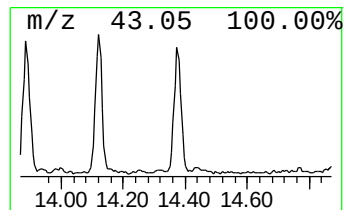
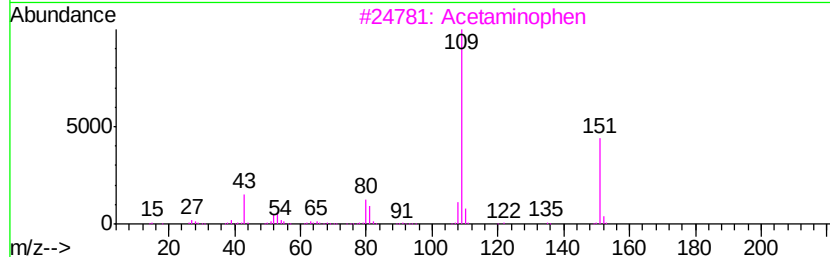
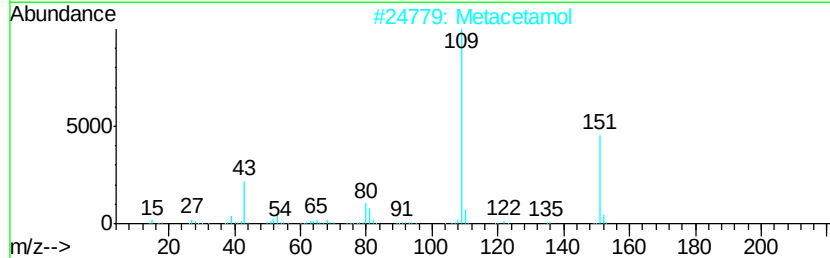
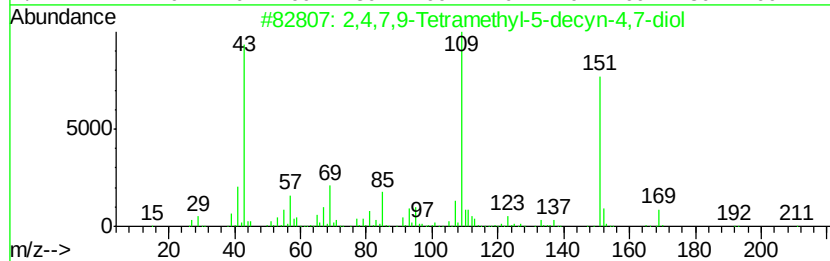
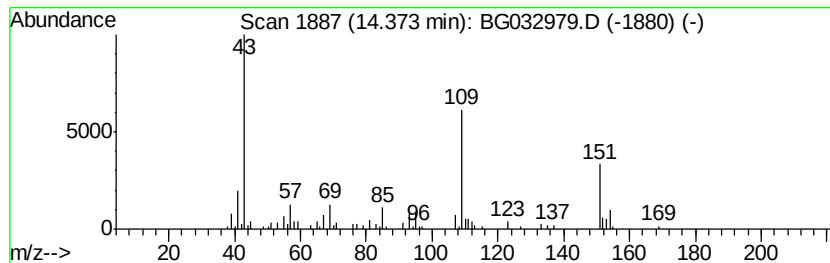
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.36 ng	89218	Acenaphthene-d10	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2		Metacetamol	151	C8H9NO2	000621-42-1	49
3		Acetaminophen	151	C8H9NO2	000103-90-2	47
4		2,7-Diazaspiro[4.4]nonane, 2-ethyl-	154	C9H18N2	1000309-92-4	43
5		2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
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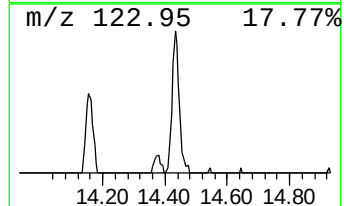
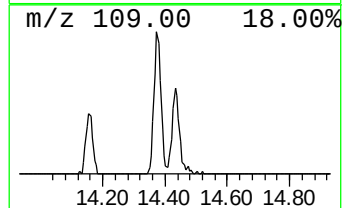
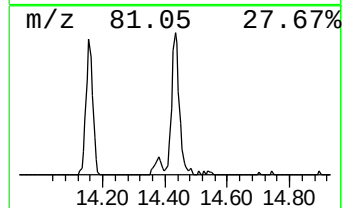
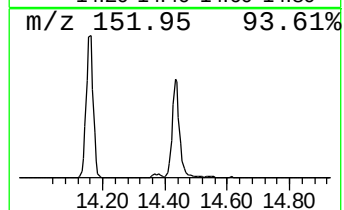
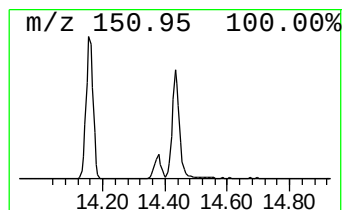
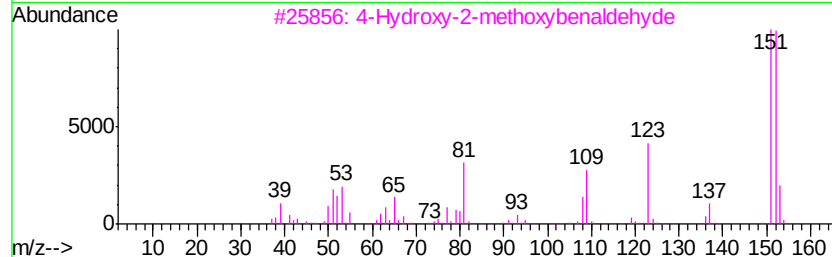
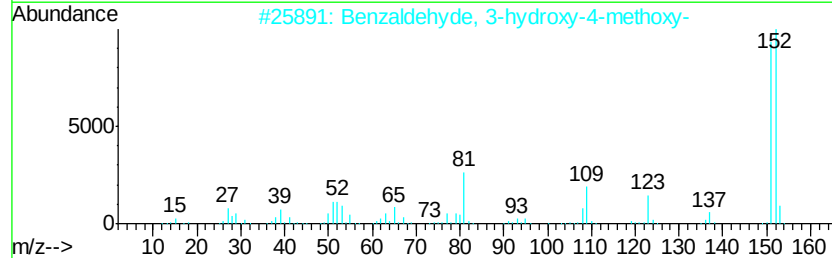
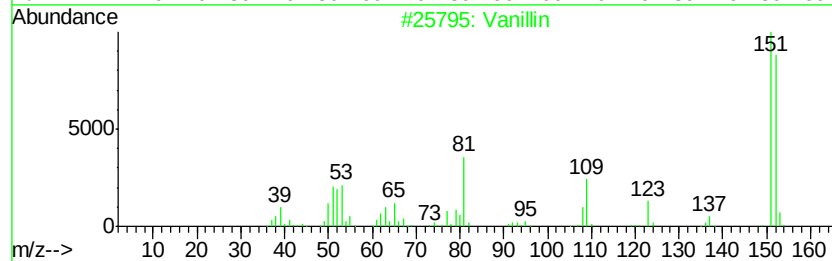
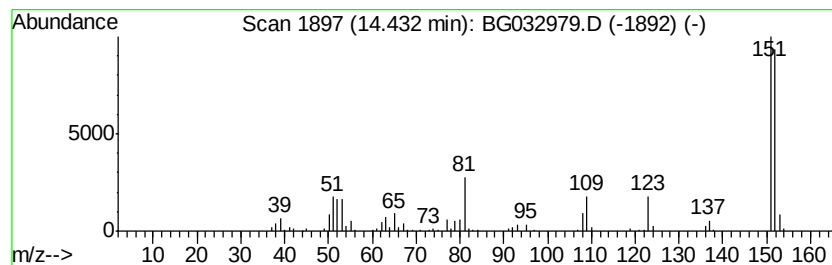
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Vanillin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.43	4.93 ng	186272	Acenaphthene-d10		15.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	4-Hydroxy-2-methoxybenzaldehyde	152	C8H8O3	018278-34-7	91
4	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	78
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	72



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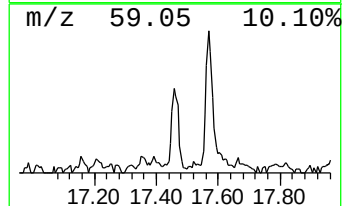
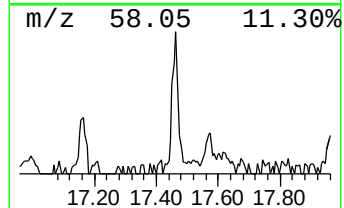
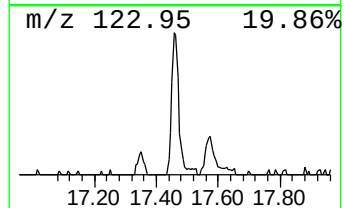
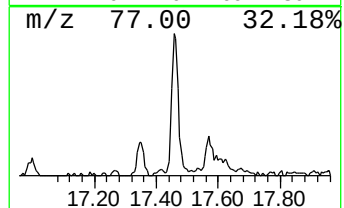
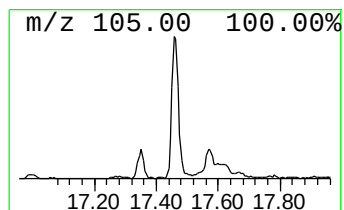
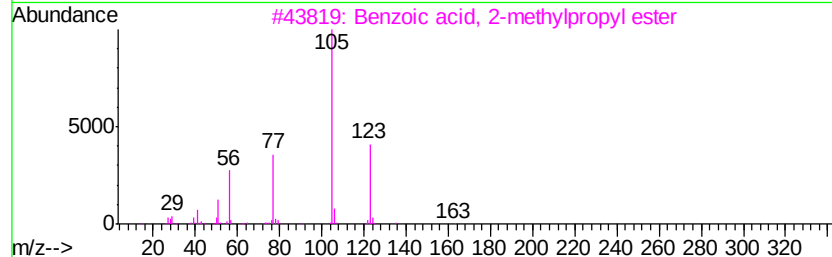
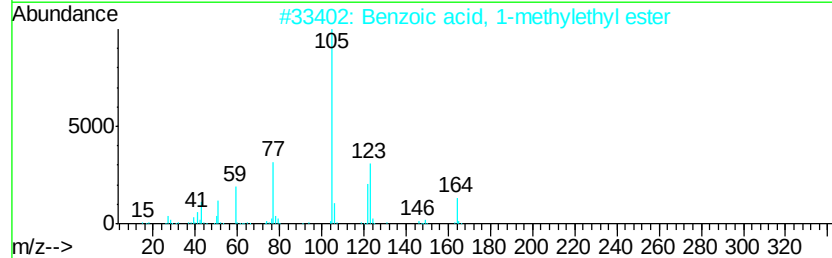
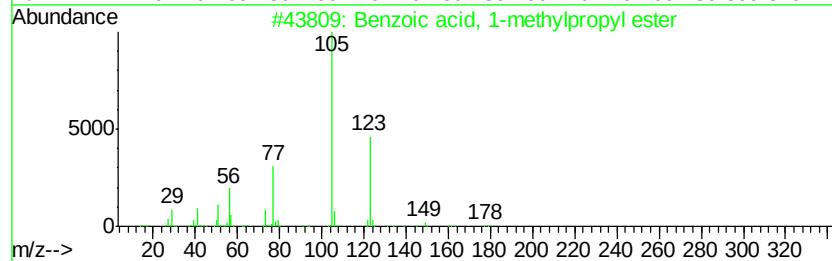
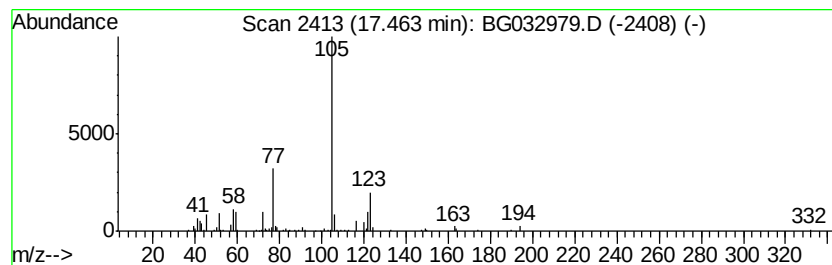
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Peak Number 13 unknown17.46 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.46	2.34 ng	116364	Phenanthrene-d10	18.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	47
2	Benzoic acid, 1-methylethyl ester	164	C10H12O2	000939-48-0	43
3	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	43
4	n-Propyl benzoate	164	C10H12O2	002315-68-6	43
5	1,2-Ethanediol, monobenzoate	166	C9H10O3	000094-33-7	43



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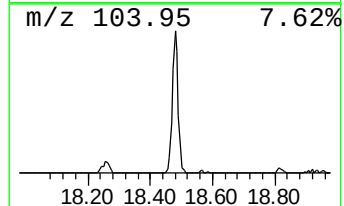
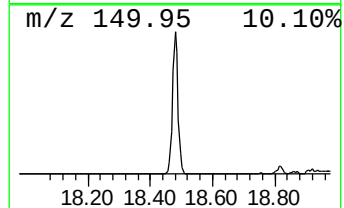
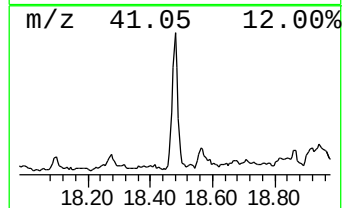
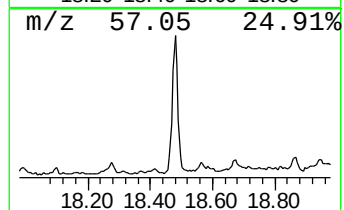
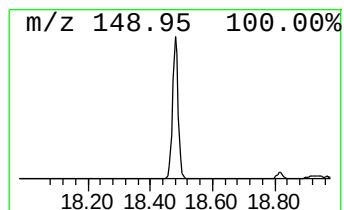
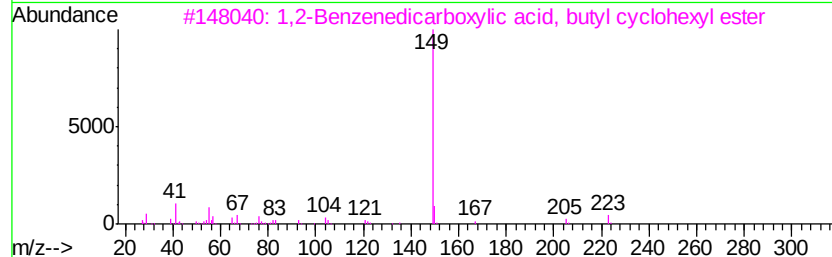
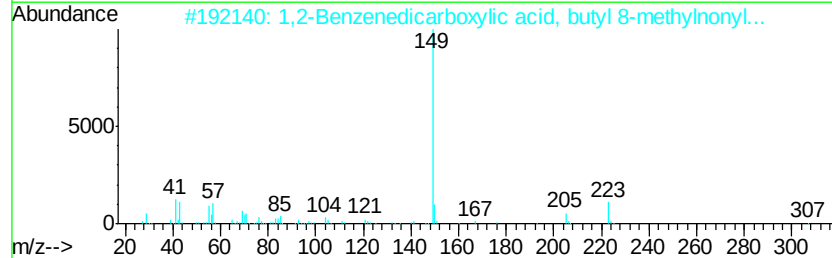
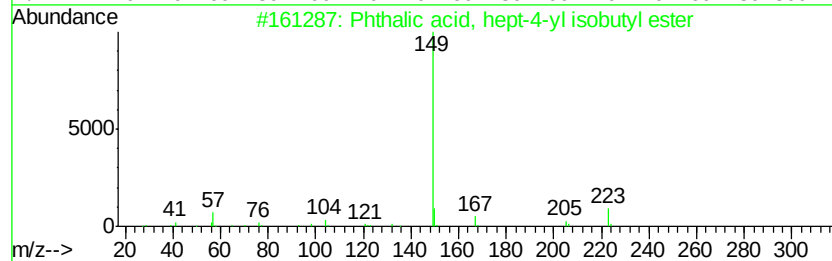
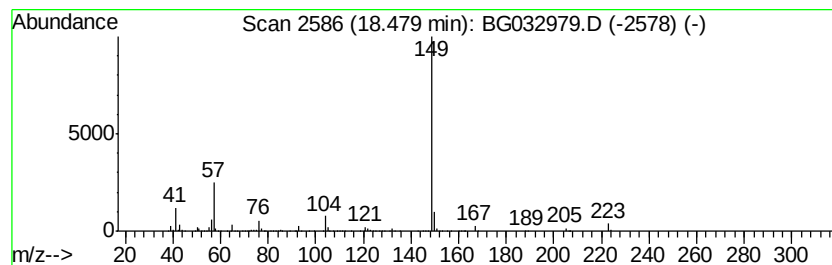
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phthalic acid, hept-4-yl is... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	8.82 ng	438877	Phenanthrene-d10	18.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, hept-4-yl isobuty...	320	C19H28O4	1000356-78-3	90
2		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
3		1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78
4		1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	78
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032979.D
Acq On : 3 Mar 2018 12:59
Operator : SJ/JU
Sample : J1774-02
Misc :
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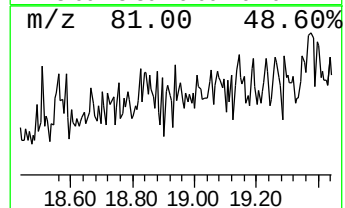
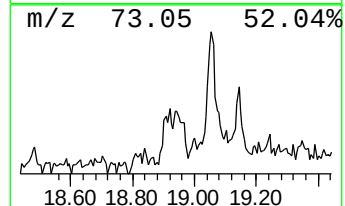
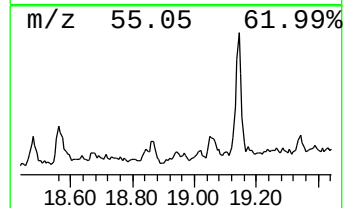
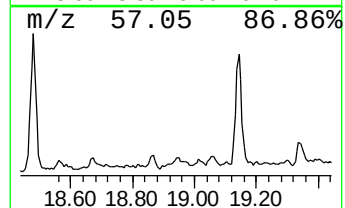
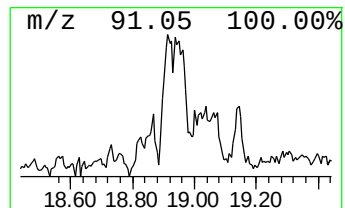
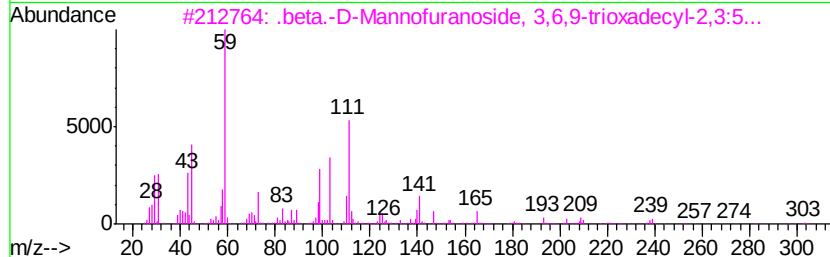
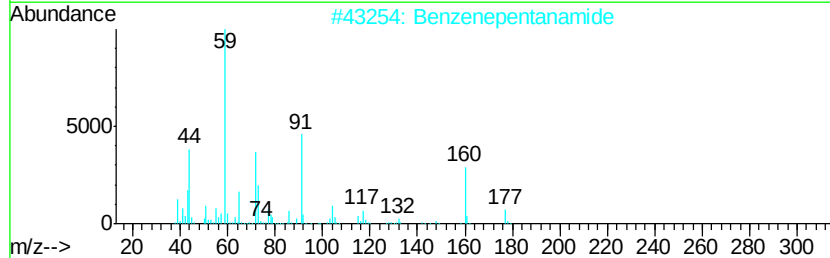
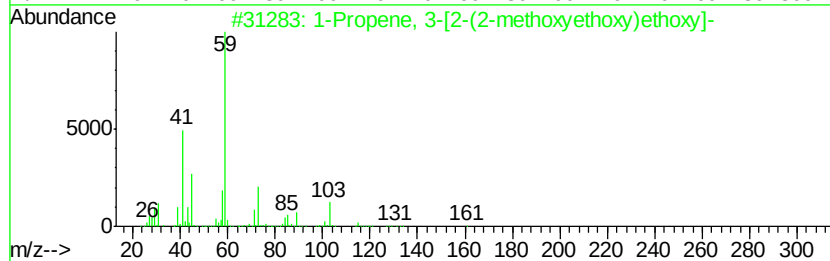
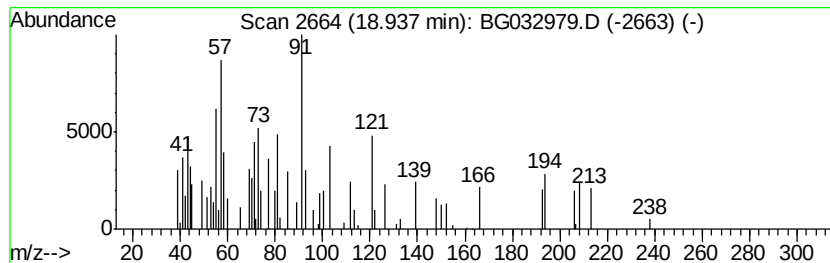
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown18.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.94	2.58 ng	128574	Phenanthrene-d10	18.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy)ethoxy]-	160	C8H16O3	013752-97-1	43
2	Benzenepentanamide	177	C11H15NO	036603-28-8	38
3	.beta.-D-Mannofuranoside, 3,6,9-trioxadecyl-2,3:5...	402	C17H32B2O9	1000155-77-2	37
4	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	35
5	Propane, 1-chloro-3-ethoxy-	122	C5H11ClO	036865-38-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
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Acq On : 3 Mar 2018 12:59
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Sample : J1774-02
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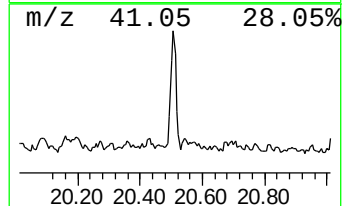
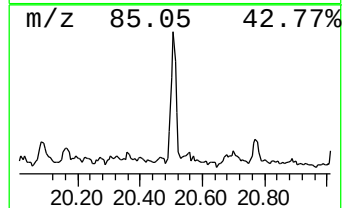
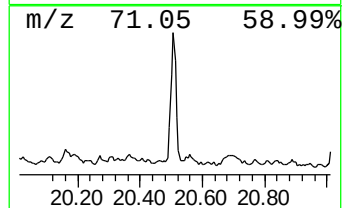
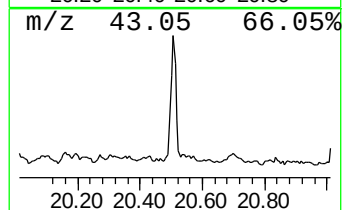
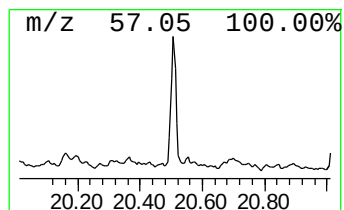
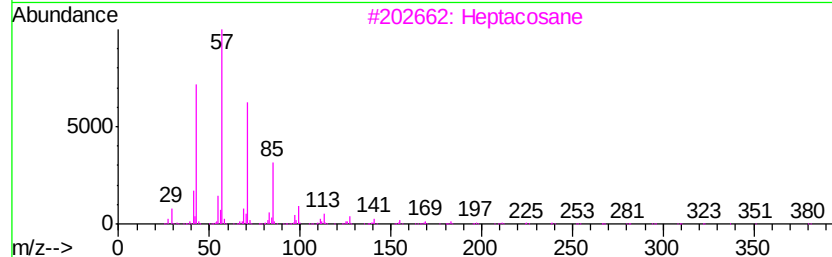
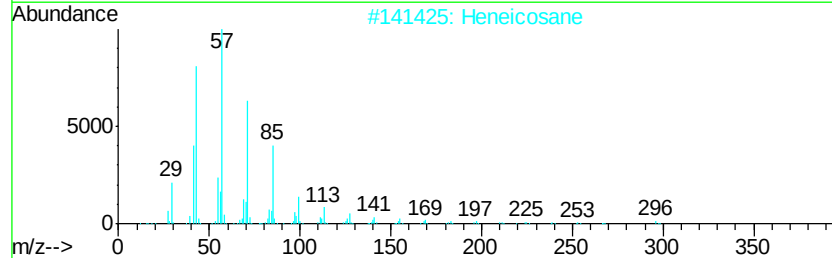
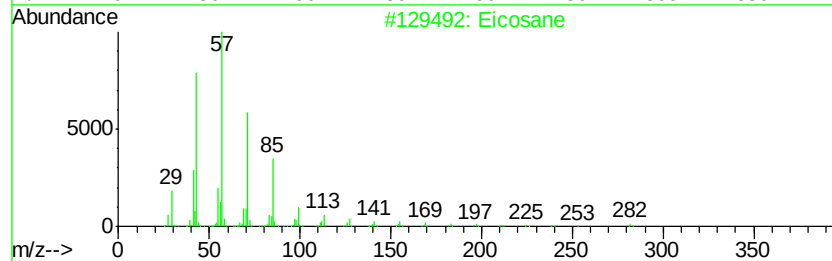
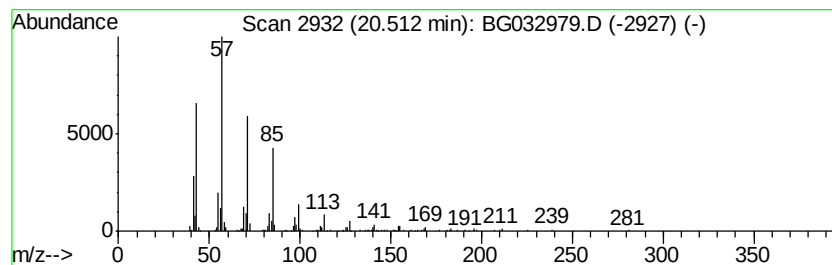
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.51	4.43 ng	214875	Chrysene-d12		22.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032979.D
Acq On : 3 Mar 2018 12:59
Operator : SJ/JU
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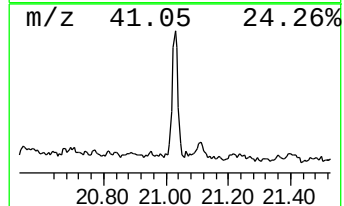
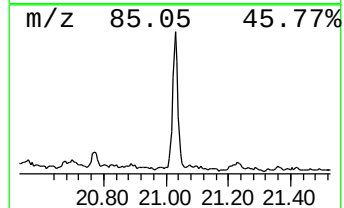
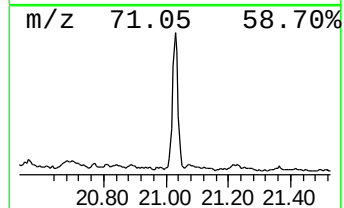
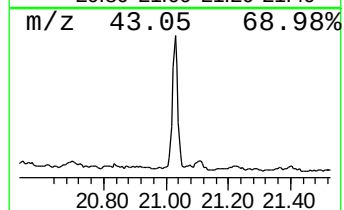
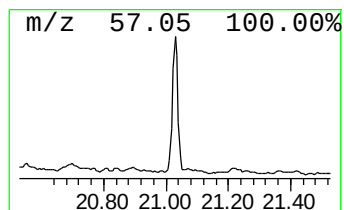
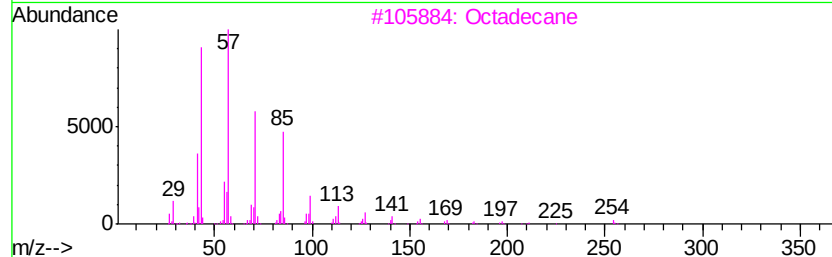
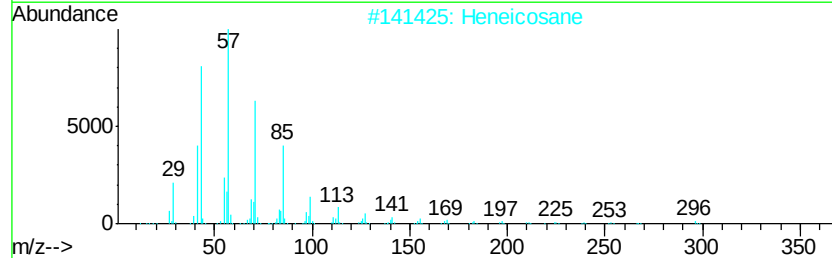
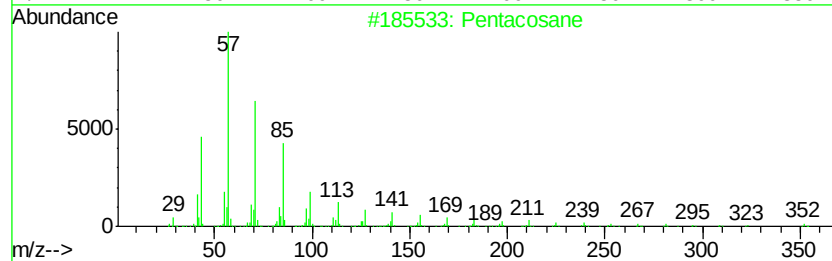
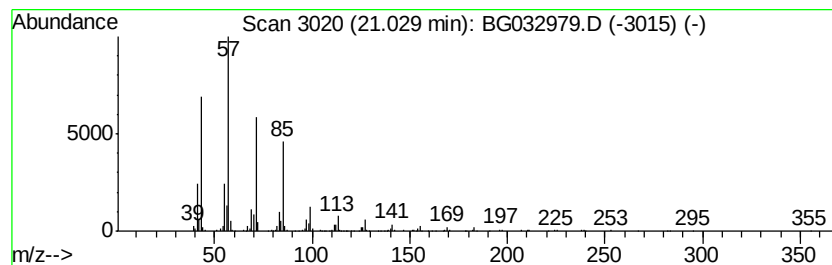
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	7.22 ng	350657	Chrysene-d12	22.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032979.D
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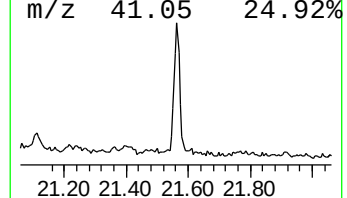
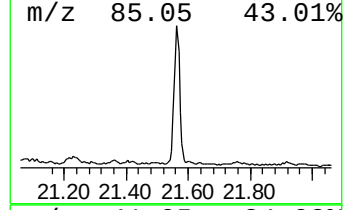
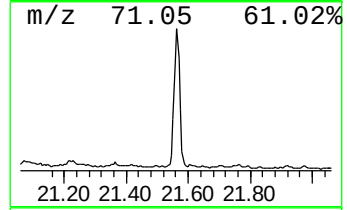
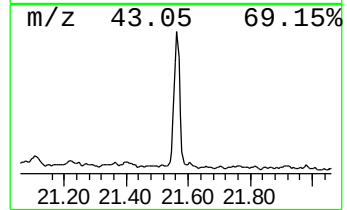
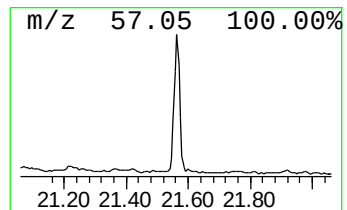
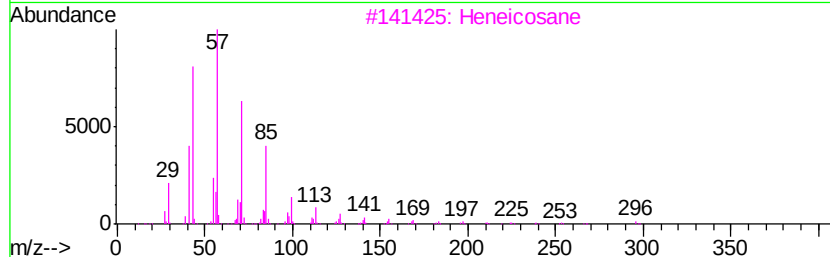
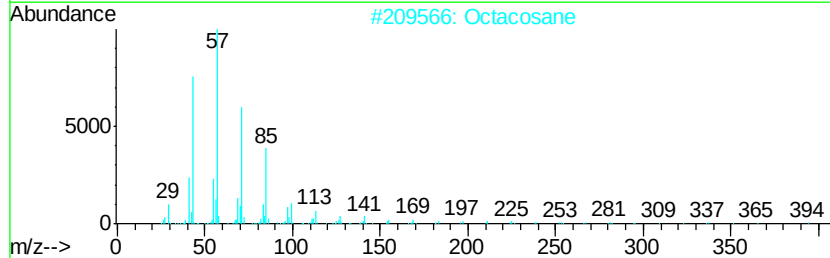
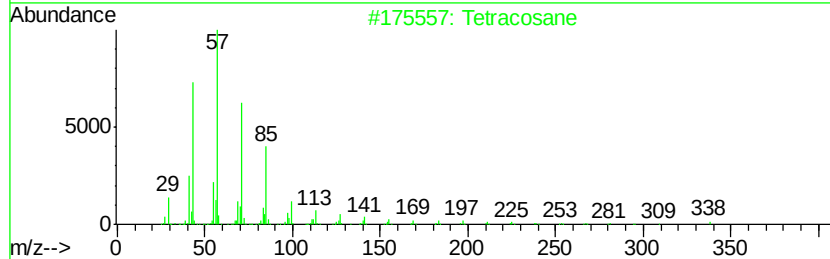
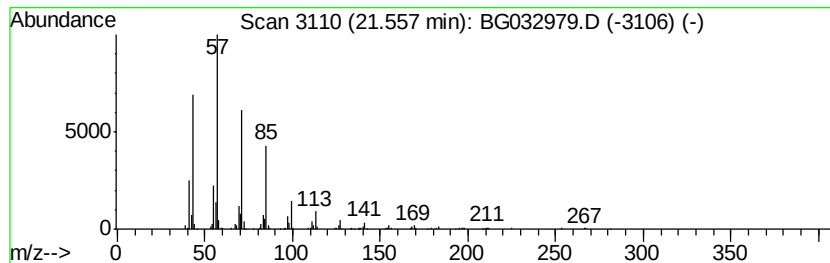
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	7.37 ng	358072	Chrysene-d12	22.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032979.D
Acq On : 3 Mar 2018 12:59
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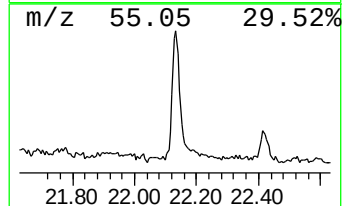
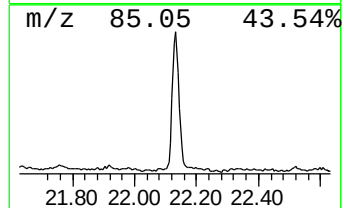
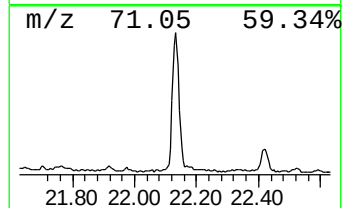
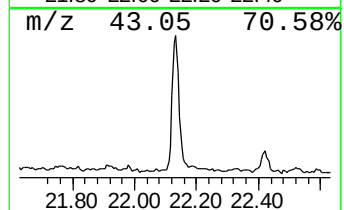
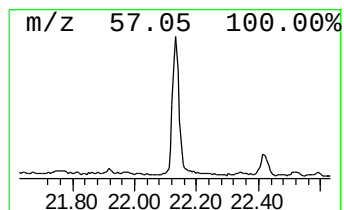
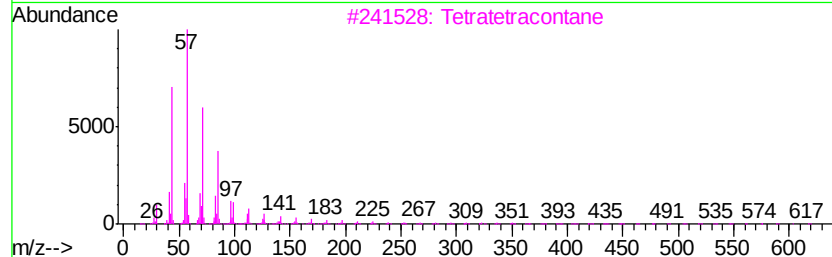
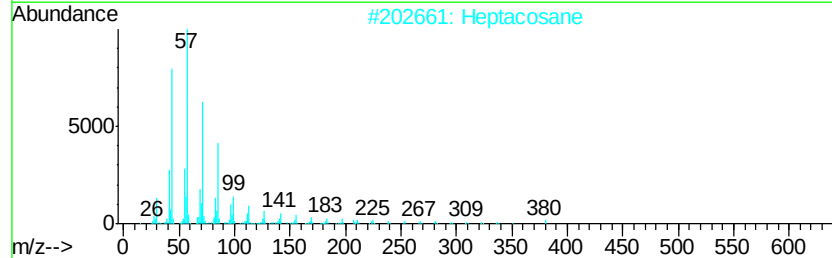
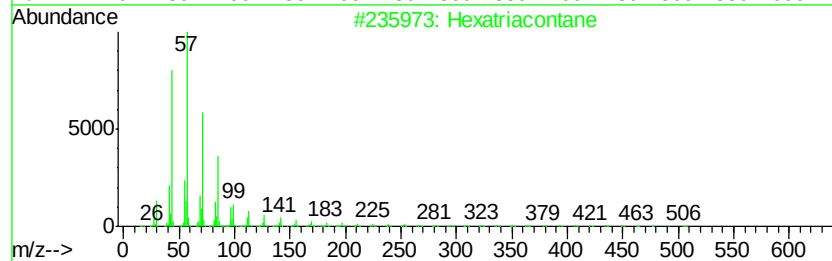
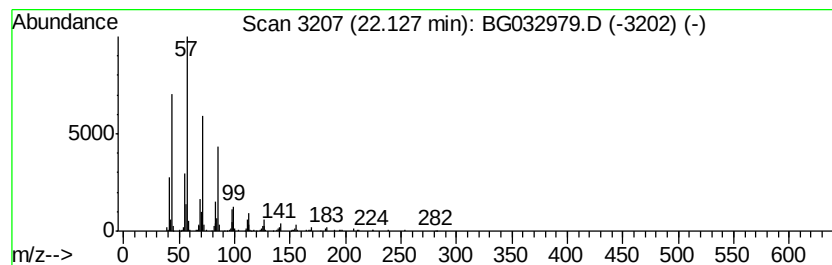
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	6.09 ng	295663	Chrysene-d12	22.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
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Acq On : 3 Mar 2018 12:59
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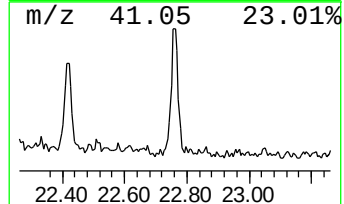
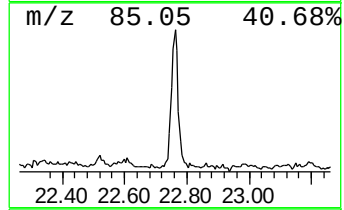
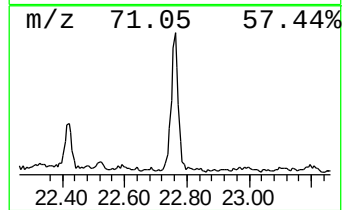
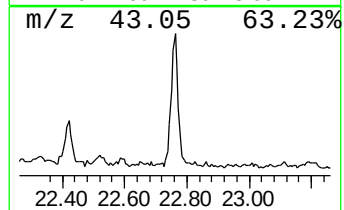
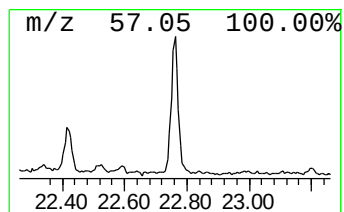
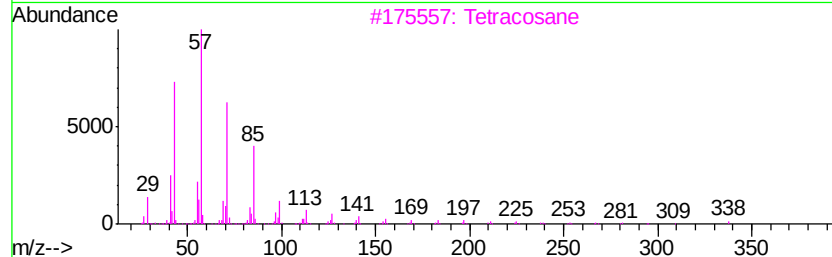
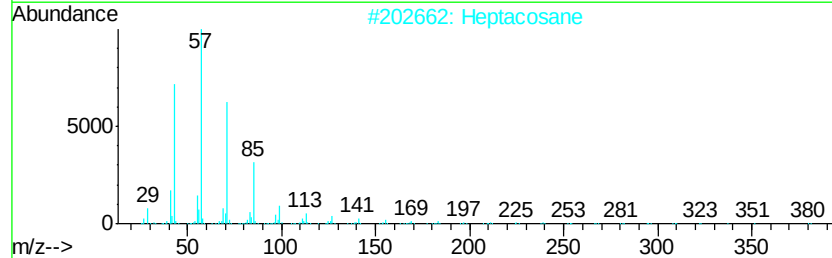
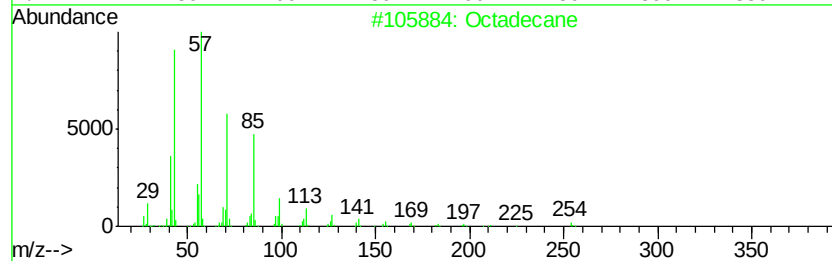
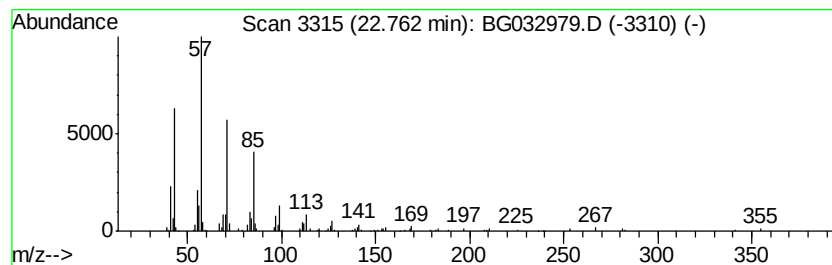
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.76	3.05 ng	148206	Chrysene-d12		22.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030218\
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 Operator : SJ/JU
 Sample : J1774-02
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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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...	3.61	5.0	ng	89599	1	8.92	358005	20.0
(S)-(+)-1,2-Propa...	4.24	3.0	ng	52980	1	8.92	358005	20.0
2-Pentanone, 4-hy...	5.82	3.4	ng	60745	1	8.92	358005	20.0
Ethanol, 2-(2-met...	7.32	3.3	ng	58620	1	8.92	358005	20.0
Ethanol, 2,2'-oxy...	7.75	2.4	ng	42041	1	8.92	358005	20.0
1-Butanamine, N-b...	7.83	4.8	ng	85521	1	8.92	358005	20.0
unknown8.43	8.43	108.1	ng	1934270	1	8.92	358005	20.0
Propanoic acid, 2...	13.89	2.9	ng	108538	3	15.53	755516	20.0
2,4,7,9-Tetrameth...	14.37	2.4	ng	89218	3	15.53	755516	20.0
Vanillin	14.43	4.9	ng	186272	3	15.53	755516	20.0
unknown17.46	17.46	2.3	ng	116364	4	18.26	995499	20.0
Phthalic acid, he...	18.48	8.8	ng	438877	4	18.26	995499	20.0
unknown18.94	18.94	2.6	ng	128574	4	18.26	995499	20.0
Eicosane	20.51	4.4	ng	214875	5	22.61	971103	20.0
Pentacosane	21.03	7.2	ng	350657	5	22.61	971103	20.0
Tetracosane	21.56	7.4	ng	358072	5	22.61	971103	20.0
Hexatriacontane	22.13	6.1	ng	295663	5	22.61	971103	20.0
Octadecane	22.76	3.0	ng	148206	5	22.61	971103	20.0