

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001727.D
 Acq On : 07 Feb 2020 18:56
 Operator : CG/JU
 Sample : L1430-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N29305

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.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	2.940	19	26	35	rBV	732784	1784505	10.25%	1.537%
2	3.023	35	40	58	rVB	2057673	2976572	17.09%	2.564%
3	5.340	427	434	442	rBV	3507371	5130242	29.46%	4.420%
4	6.899	691	699	709	rBV	2045177	3202631	18.39%	2.759%
5	7.722	831	839	847	rBV	1583786	2499317	14.35%	2.153%
6	7.799	847	852	858	rVV	243001	360306	2.07%	0.310%
7	8.046	886	894	901	rVB	6384863	10461923	60.07%	9.013%
8	8.863	1017	1033	1046	rBV	4656766	7905083	45.39%	6.810%
9	10.499	1303	1311	1317	rBV	1967468	3293448	18.91%	2.837%
10	12.975	1724	1732	1740	rBV	11573413	17415518	100.00%	15.004%
11	13.122	1751	1757	1762	rBV	134030	180470	1.04%	0.155%
12	13.810	1868	1874	1884	rBV	212341	310840	1.78%	0.268%
13	14.351	1959	1966	1972	rBV	2658860	4025494	23.11%	3.468%
14	14.404	1972	1975	1986	rVB	123656	176485	1.01%	0.152%
15	15.839	2212	2219	2231	rBV	7620535	10796089	61.99%	9.301%
16	17.098	2427	2433	2444	rVB	2948566	4196925	24.10%	3.616%
17	18.028	2586	2591	2598	rBV	766773	1205298	6.92%	1.038%
18	19.145	2778	2781	2797	rVB	147821	290499	1.67%	0.250%
19	19.263	2797	2801	2820	rBV	433768	713141	4.09%	0.614%
20	19.486	2835	2839	2844	rBV	174627	210750	1.21%	0.182%
21	19.675	2866	2871	2877	rBV	12546866	15752612	90.45%	13.571%
22	20.886	3072	3077	3082	rBV	416072	722892	4.15%	0.623%
23	20.939	3082	3086	3090	rVV	1553771	2140328	12.29%	1.844%
24	20.986	3090	3094	3103	rVV	1733736	2474625	14.21%	2.132%
25	21.057	3103	3106	3116	rVB	145801	233352	1.34%	0.201%
26	21.186	3123	3128	3143	rVB	2957696	3705745	21.28%	3.193%
27	21.380	3157	3161	3169	rVB	484356	528115	3.03%	0.455%
28	21.822	3232	3236	3248	rBV	919733	1113017	6.39%	0.959%
29	22.298	3312	3317	3329	rBV	1367207	1743090	10.01%	1.502%
30	22.821	3400	3406	3420	rBV	1365592	2100849	12.06%	1.810%
31	23.427	3499	3509	3524	rBV2	2195139	5945300	34.14%	5.122%
32	24.080	3613	3620	3627	rBV	844854	1681117	9.65%	1.448%
33	24.857	3746	3752	3761	rBV	364196	799450	4.59%	0.689%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

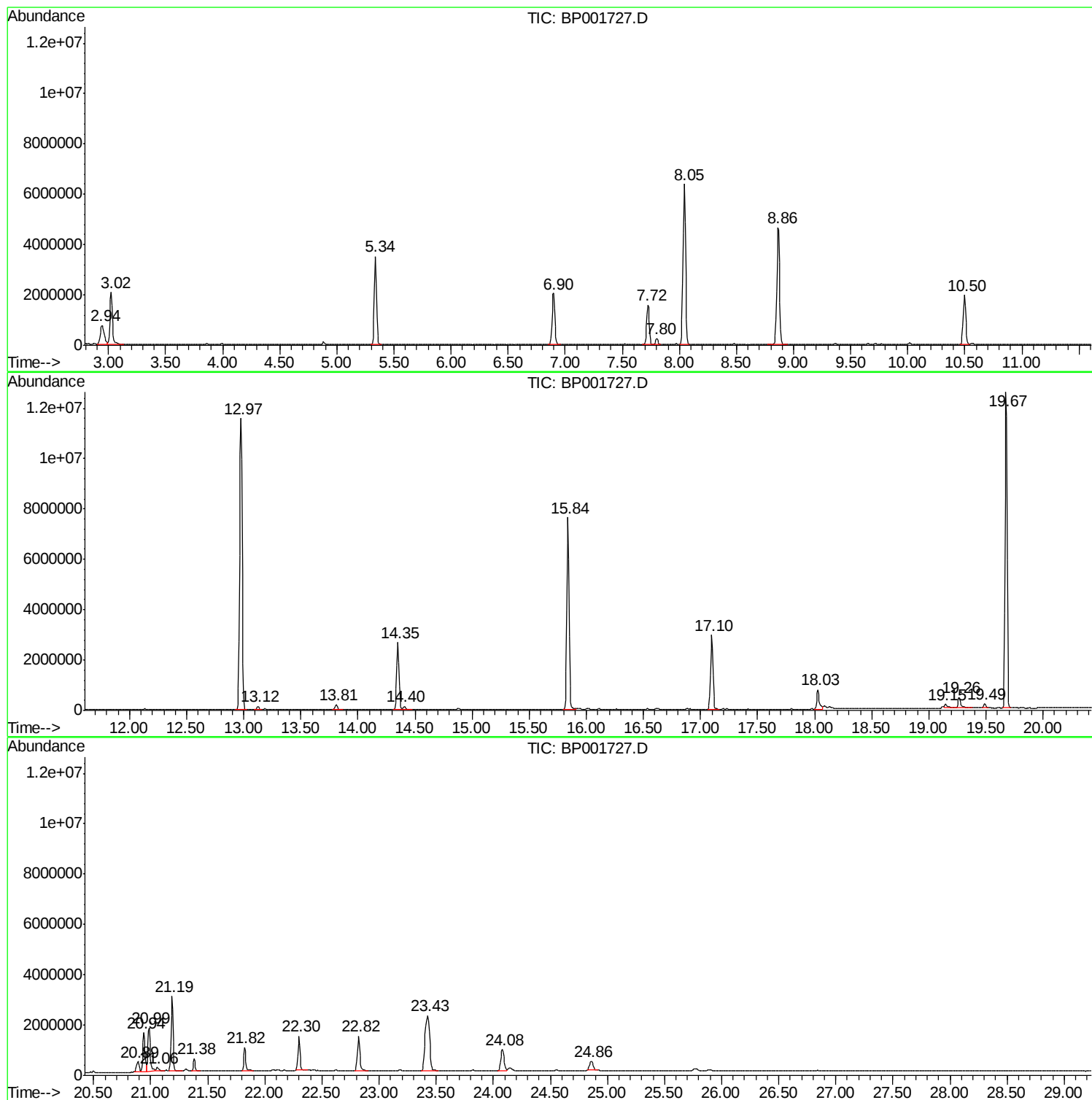
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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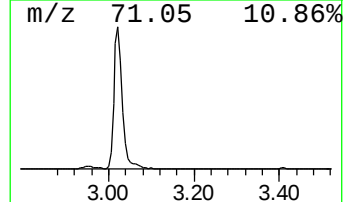
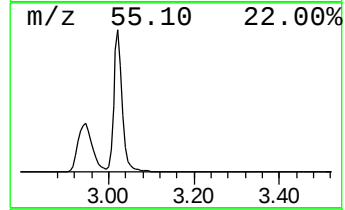
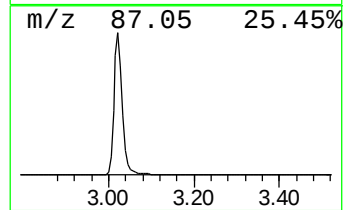
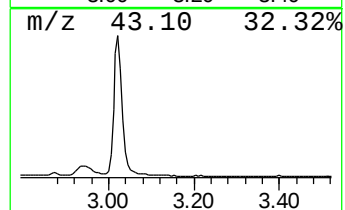
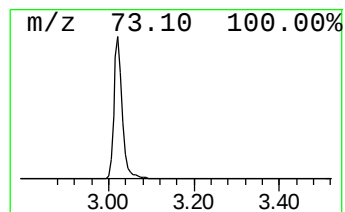
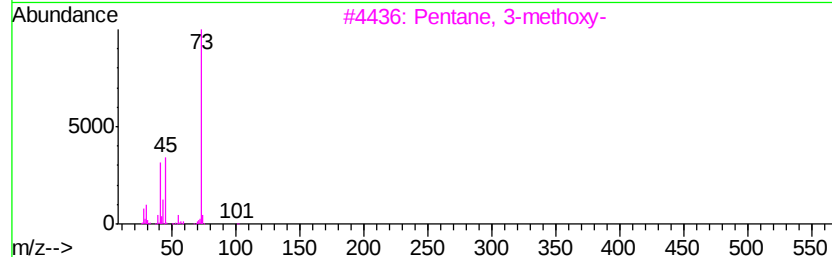
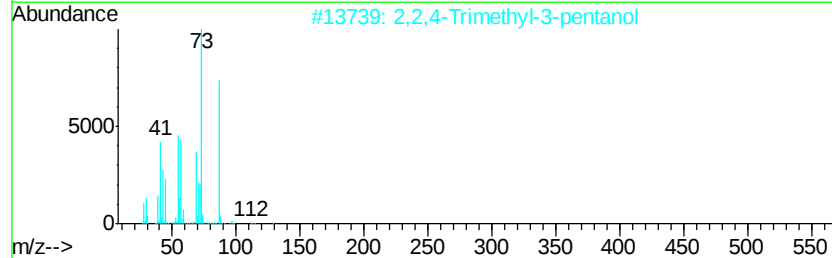
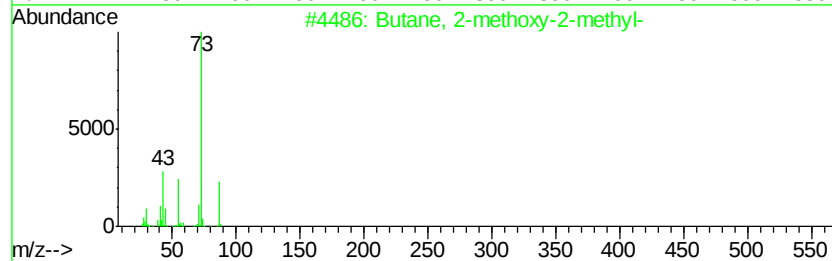
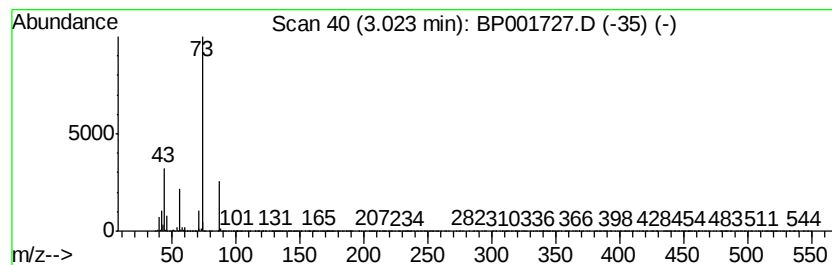
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	23.82 ng	2976570	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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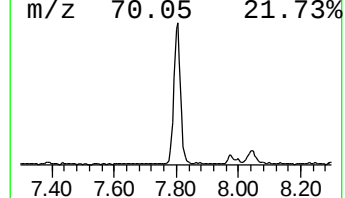
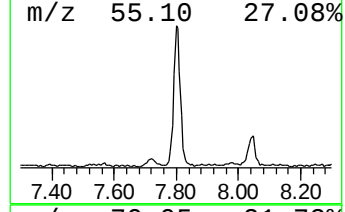
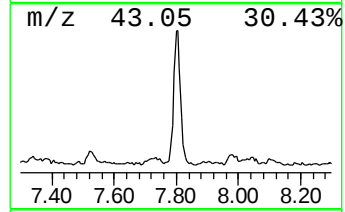
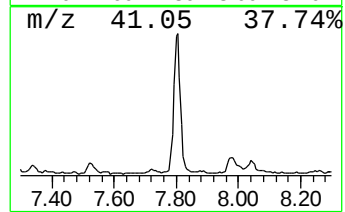
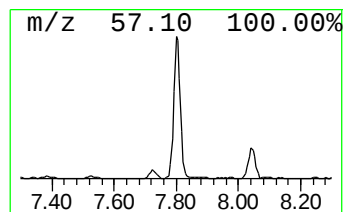
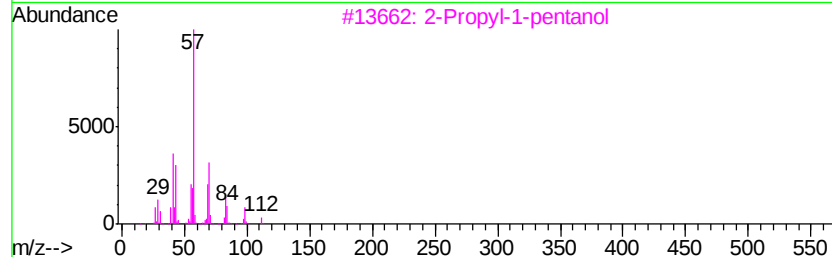
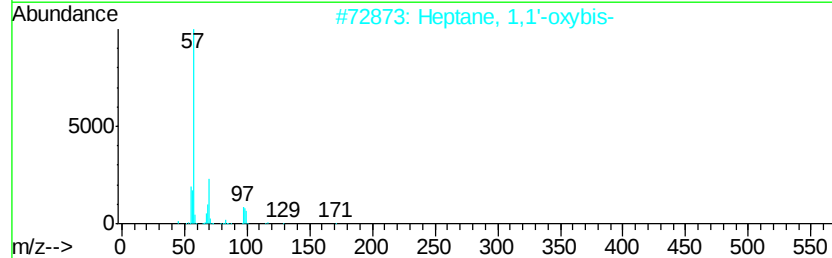
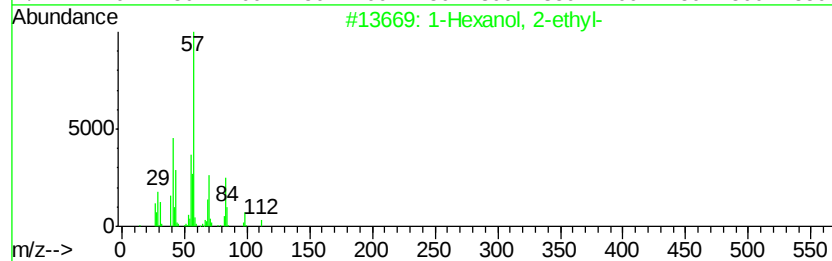
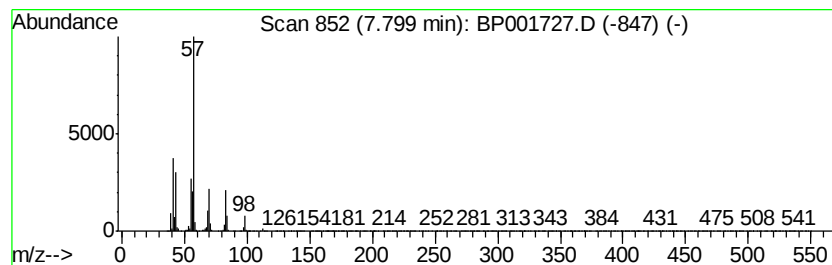
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.88 ng	360306	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4			2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5			2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	38



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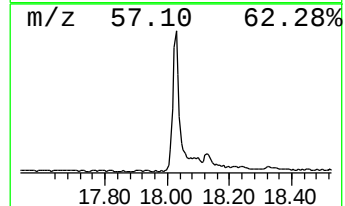
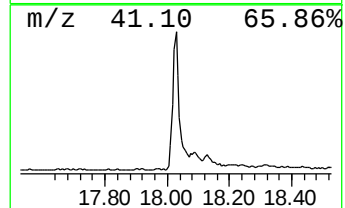
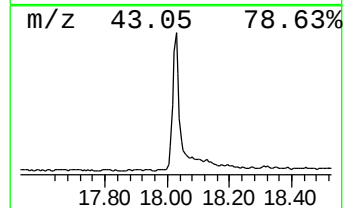
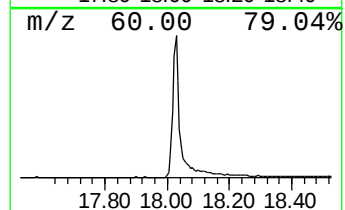
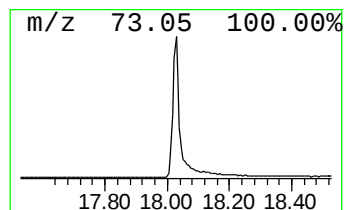
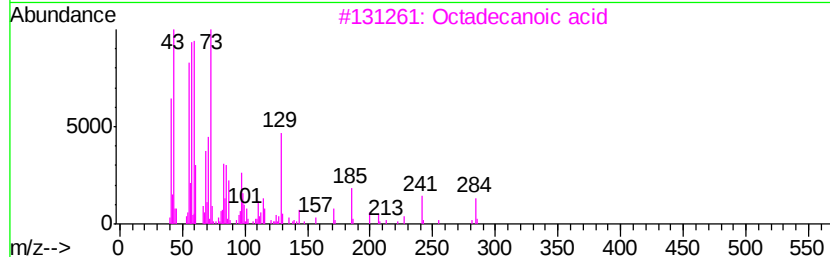
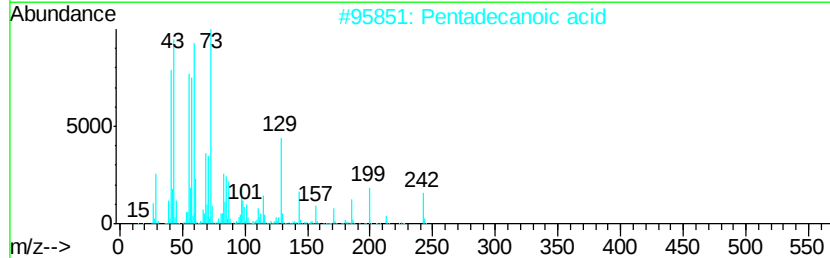
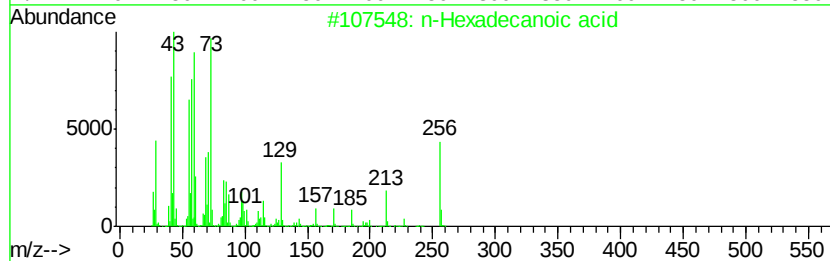
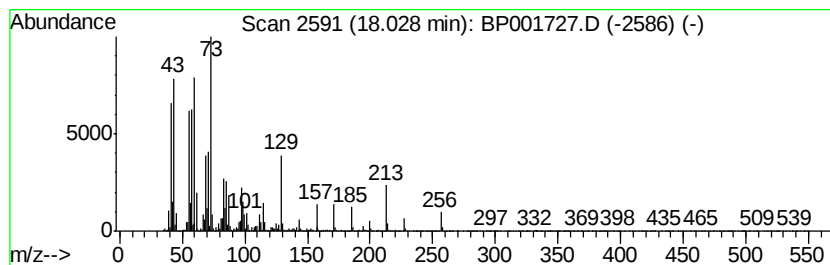
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	5.74 ng	1205300	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Octadecanoic acid	284	C18H36O2	000057-11-4	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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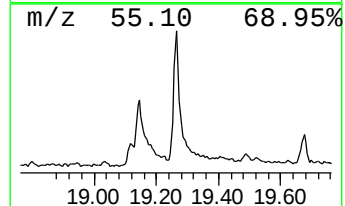
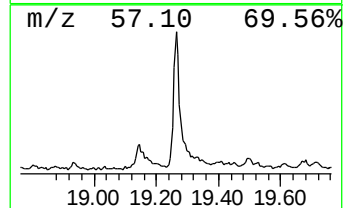
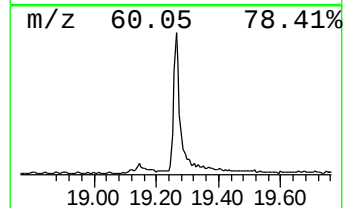
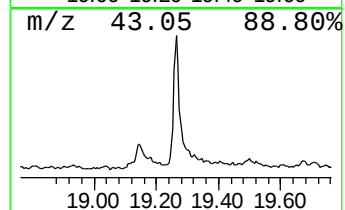
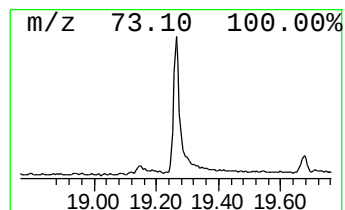
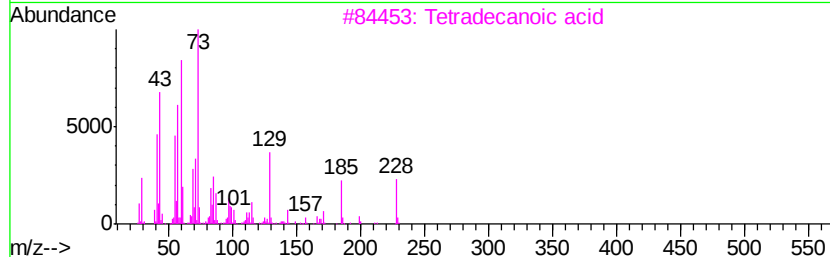
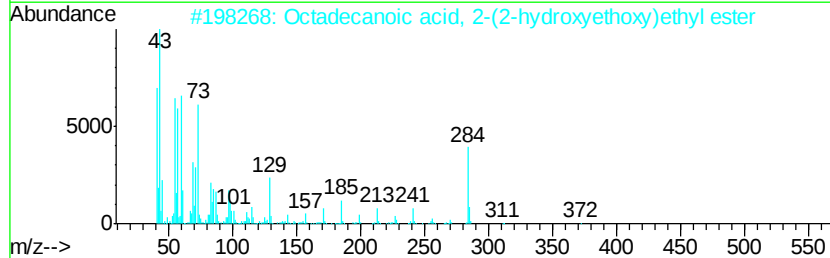
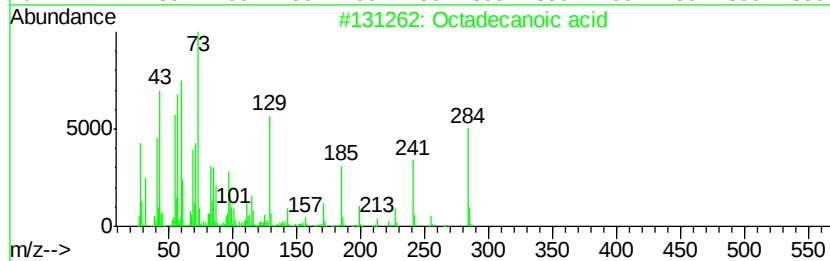
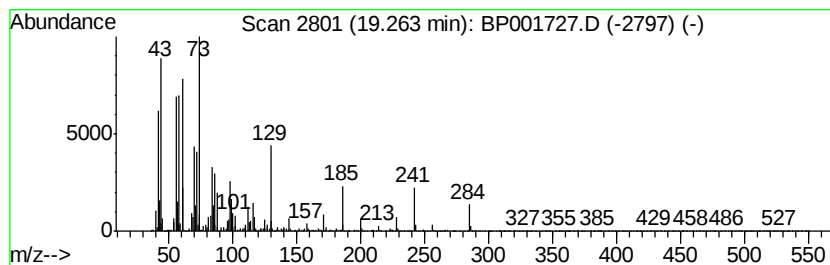
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.85 ng	713141	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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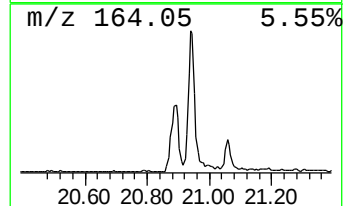
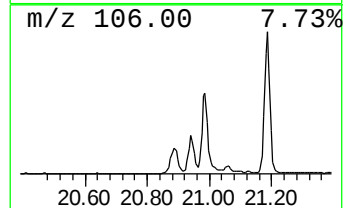
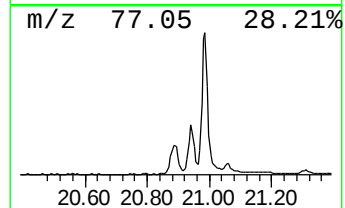
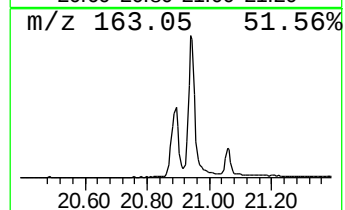
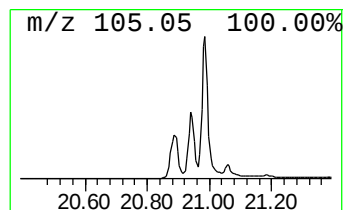
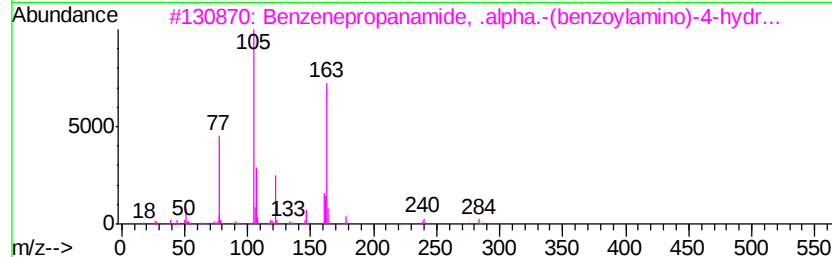
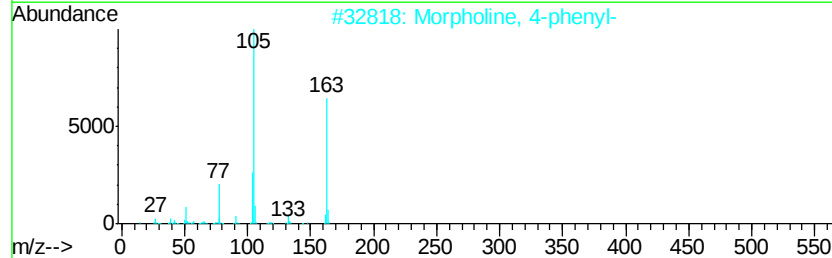
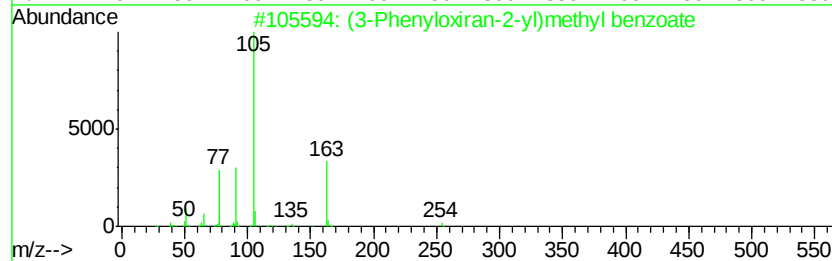
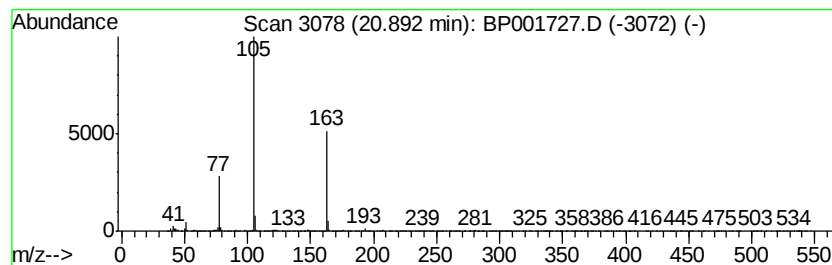
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TIC Integration Parameters: LSCINT.P

Peak Number 7 (3-Phenyloxiran-2-yl)methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.90 ng	722892	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	56
2		Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
3		Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	38
4		Benzoic acid, 2-benzoyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	30
5		Benzamide, N-acetyl-	163	C9H9NO2	001575-95-7	9



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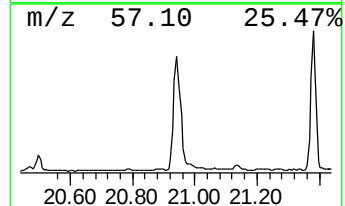
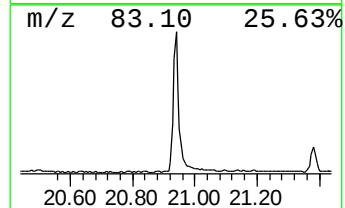
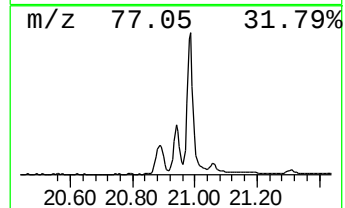
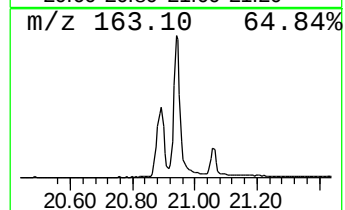
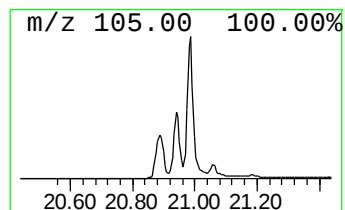
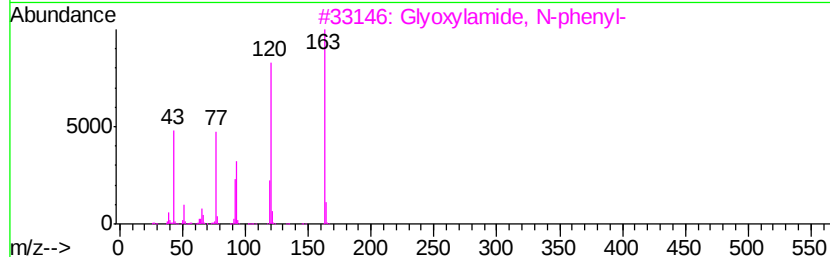
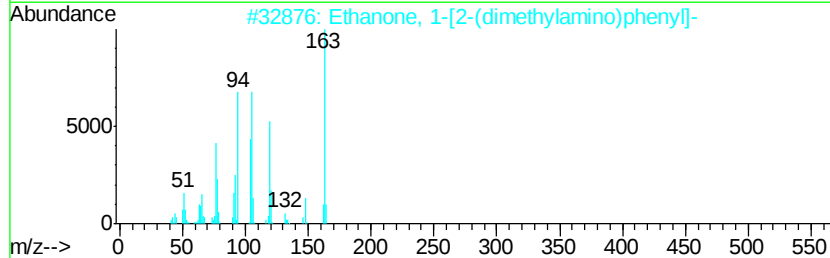
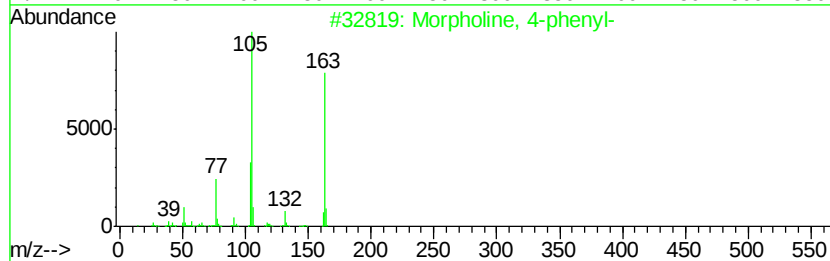
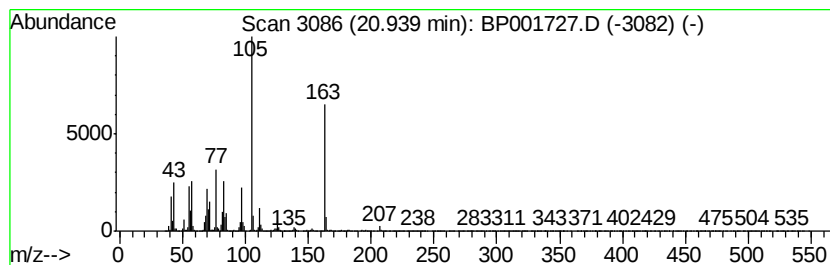
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown20.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	11.55 ng	2140330	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	35
2		Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	32
3		Glvoxvlamide, N-phenyl-	163	C9H9N02	032331-52-5	27
4		1-Propanol, 2-[2-(benzovloxy)pro...	342	C20H22O5	020109-39-1	25
5		(3-Phenylloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
Operator : CG/JU
Sample : L1430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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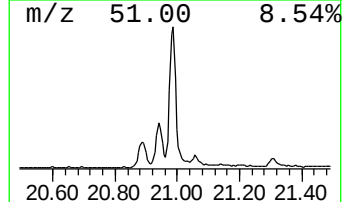
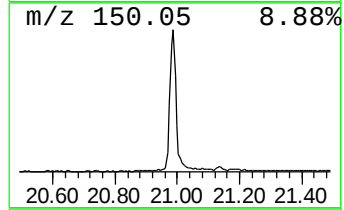
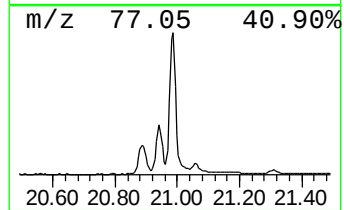
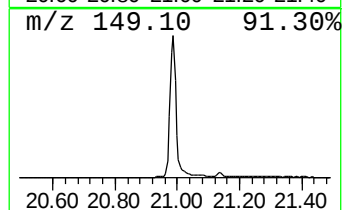
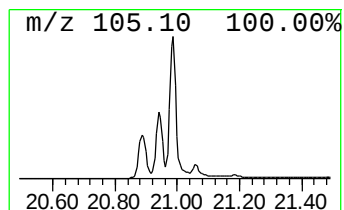
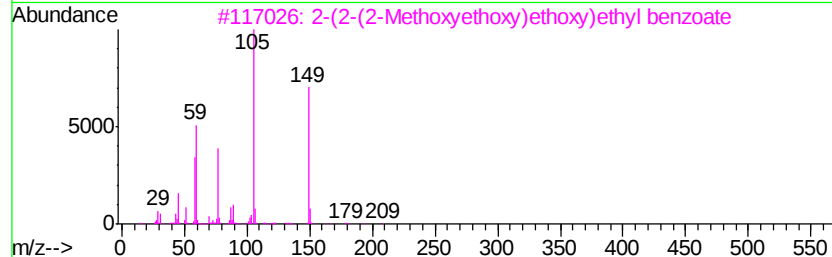
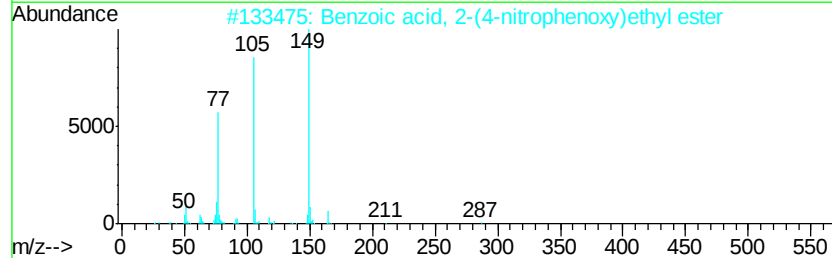
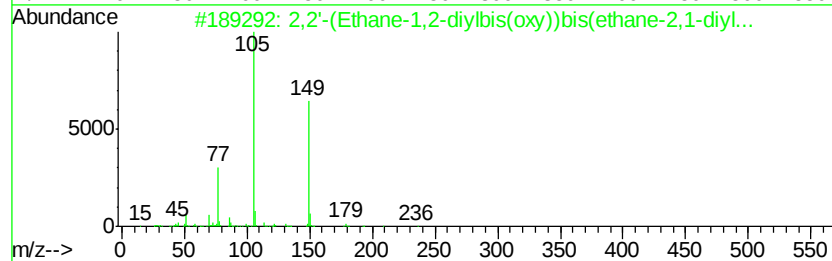
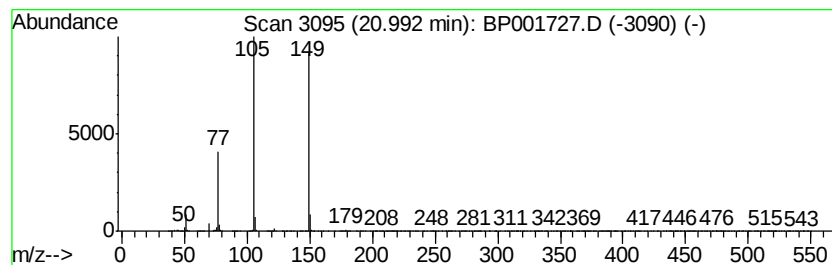
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	13.36 ng	2474630	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	83
2		Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
3		2-(2-(2-Methoxvethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4		1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
5		Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
Operator : CG/JU
Sample : L1430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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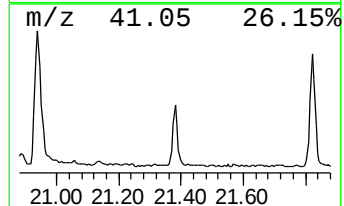
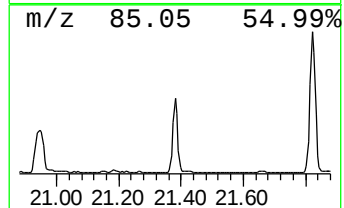
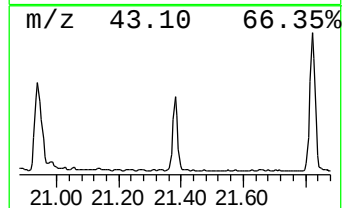
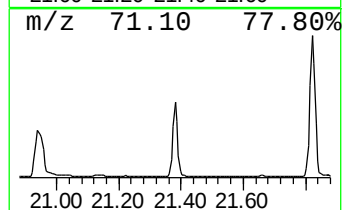
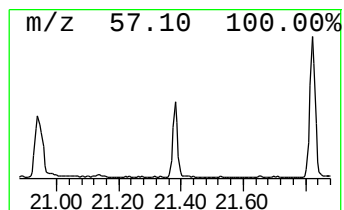
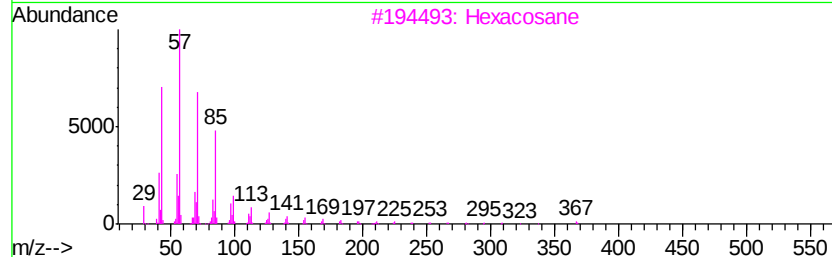
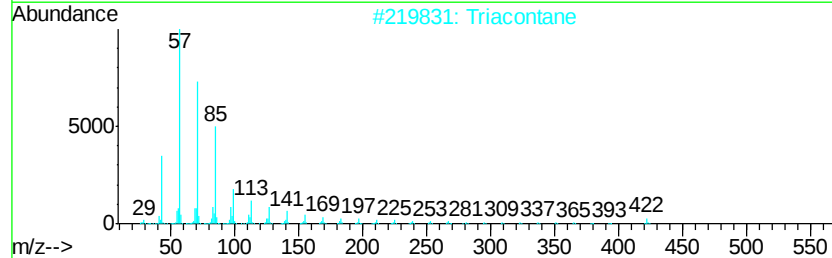
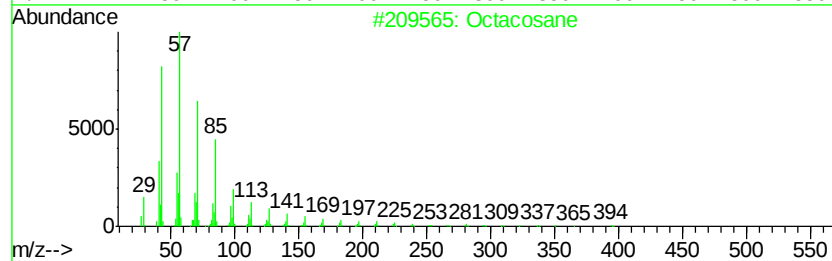
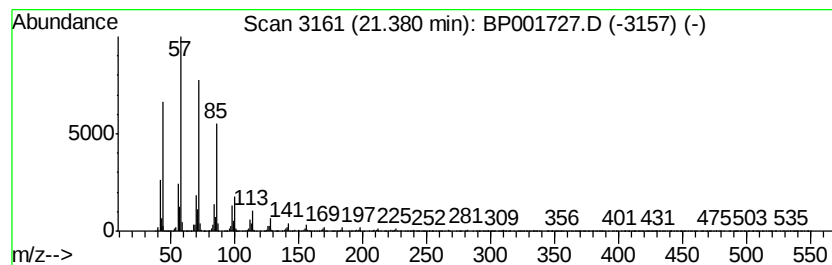
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.85 ng	528115	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	98
2			Triacontane	422	C30H62	000638-68-6	95
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
Operator : CG/JU
Sample : L1430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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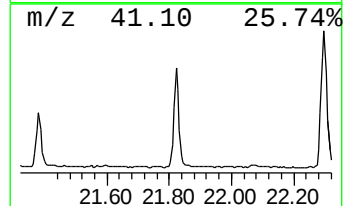
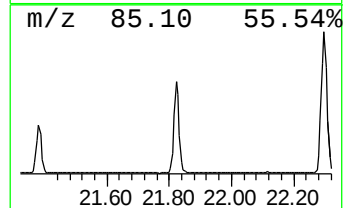
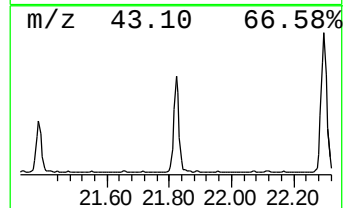
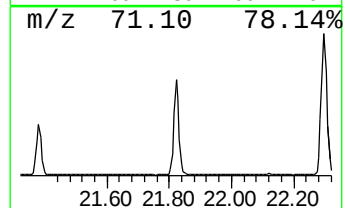
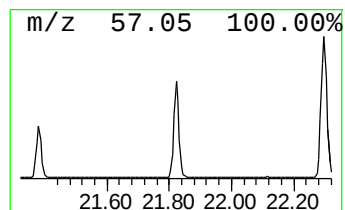
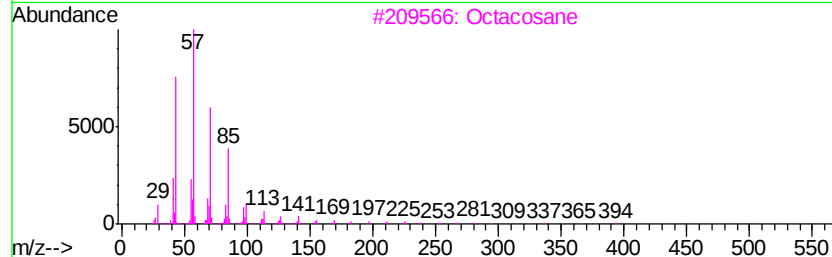
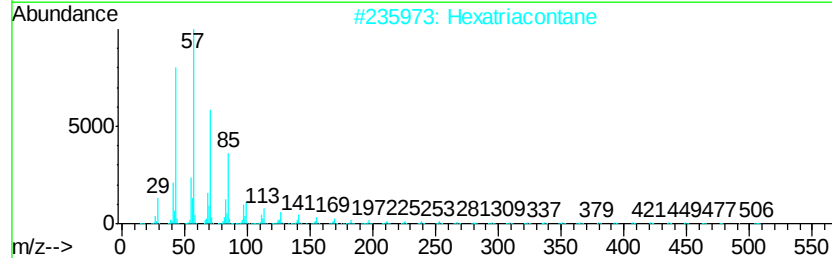
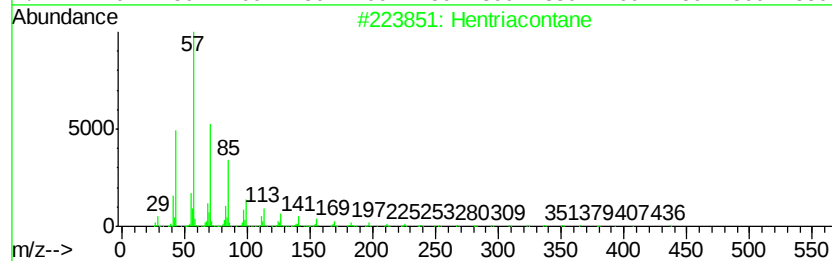
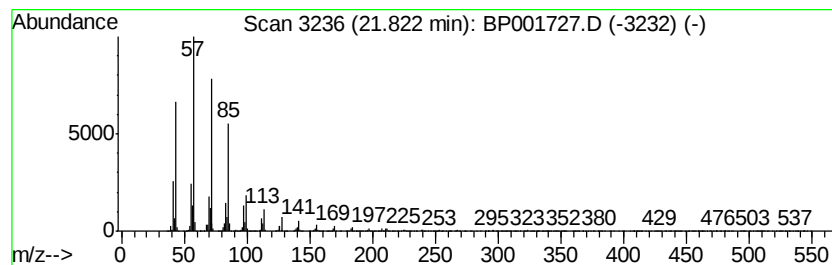
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	6.01 ng	1113020	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	93
2			Hexatriacontane	507	C36H74	000630-06-8	93
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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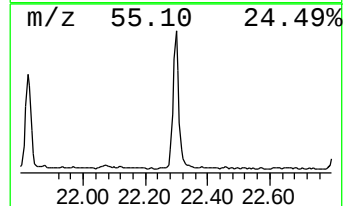
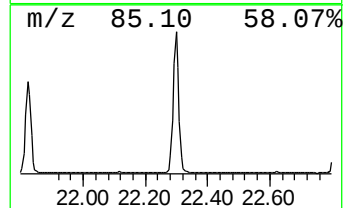
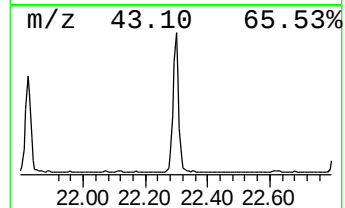
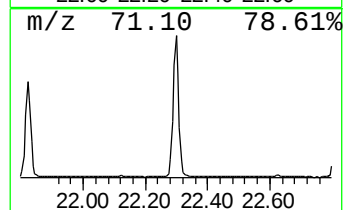
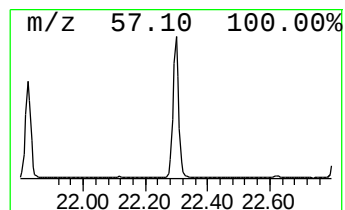
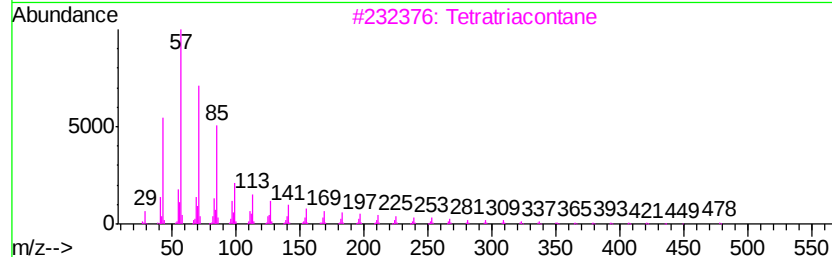
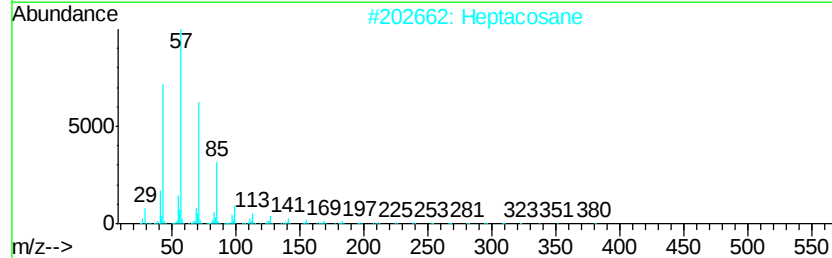
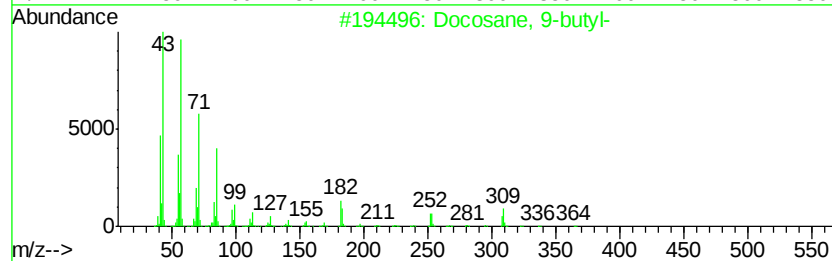
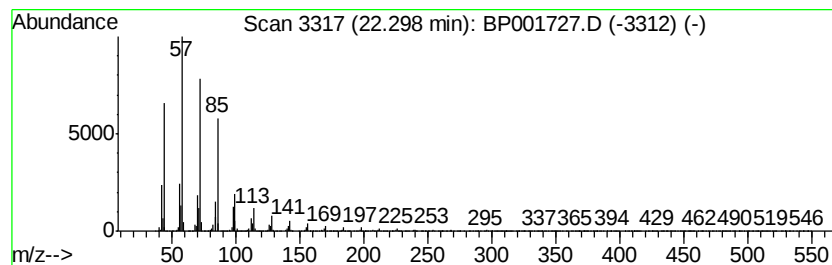
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosane, 9-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	9.41 ng	1743090	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2		Heptacosane	380	C27H56	000593-49-7	93
3		Tetratriacontane	479	C34H70	014167-59-0	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
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Sample : L1430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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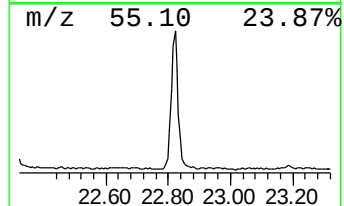
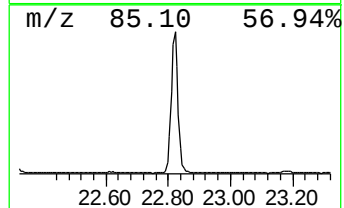
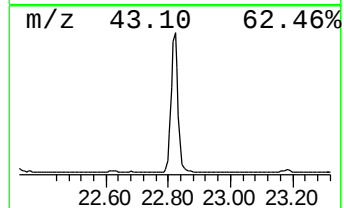
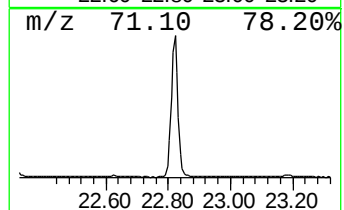
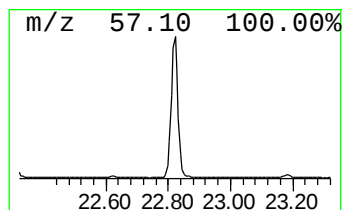
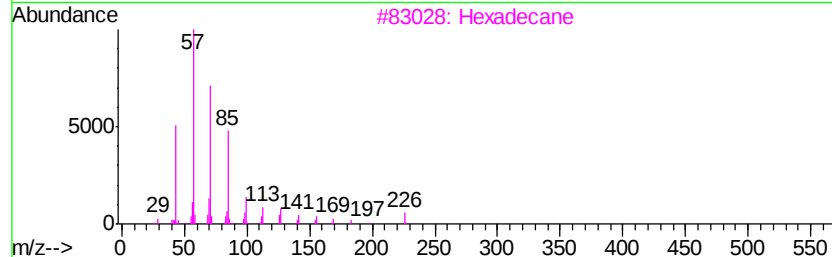
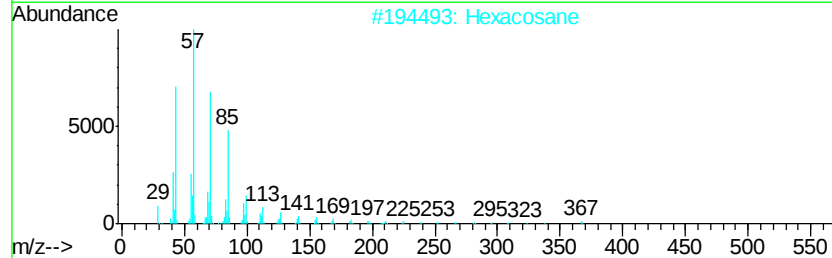
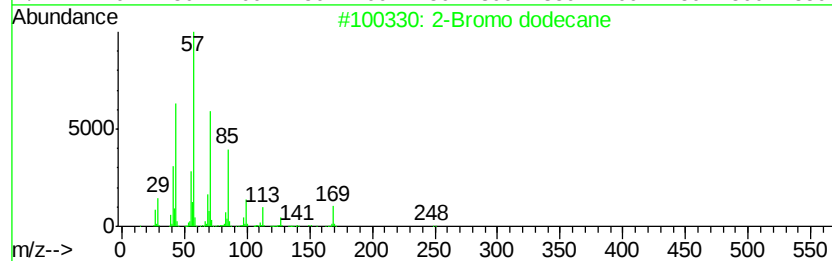
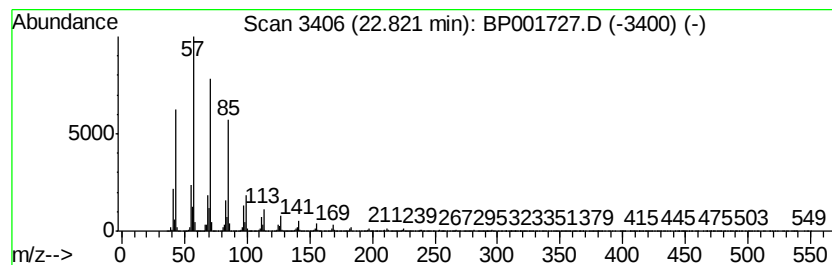
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	7.07 ng	2100850	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2			Hexacosane	366	C26H54	000630-01-3	94
3			Hexadecane	226	C16H34	000544-76-3	94
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
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ALS Vial : 6 Sample Multiplier: 1

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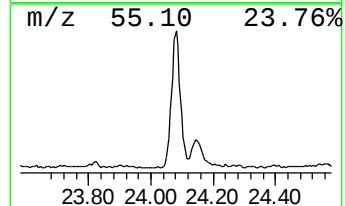
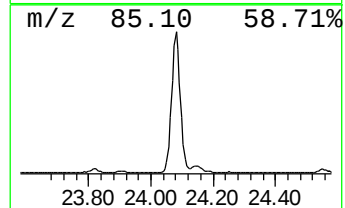
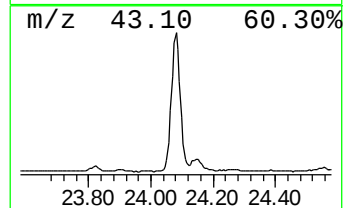
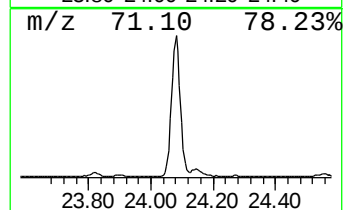
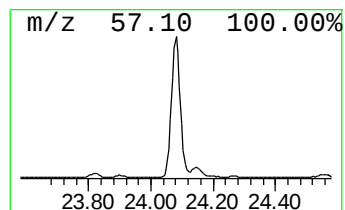
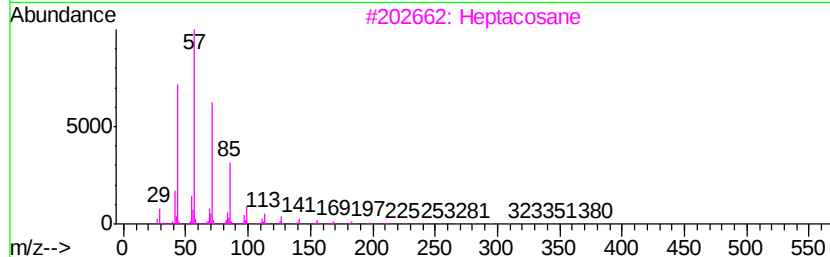
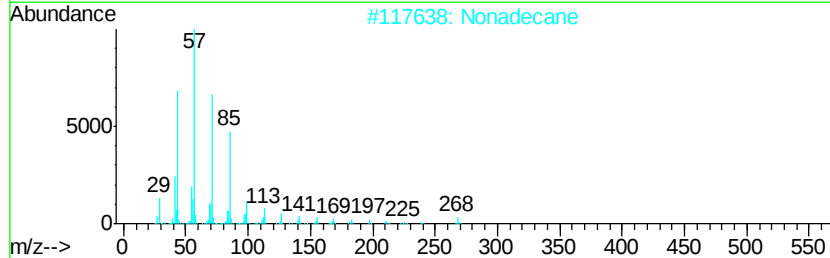
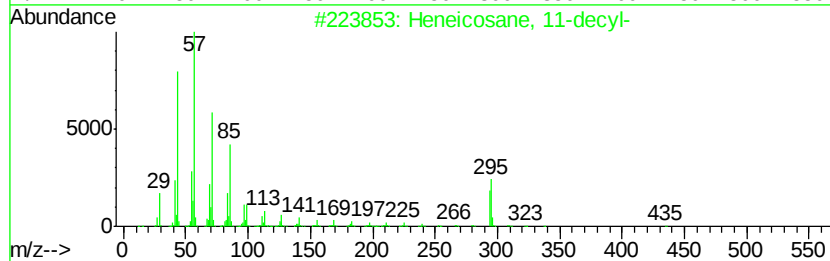
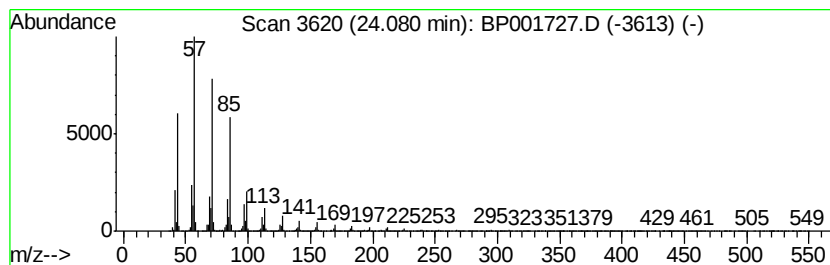
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane, 11-decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	5.66 ng	1681120	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2			Nonadecane	268	C19H40	000629-92-5	94
3			Heptacosane	380	C27H56	000593-49-7	93
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001727.D
Acq On : 07 Feb 2020 18:56
Operator : CG/JU
Sample : L1430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
N29305

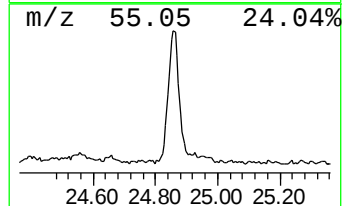
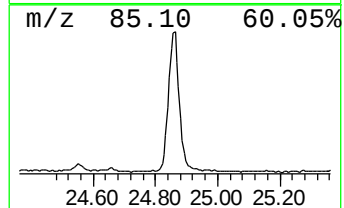
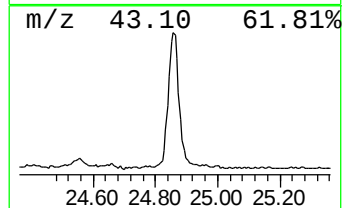
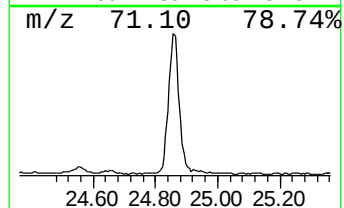
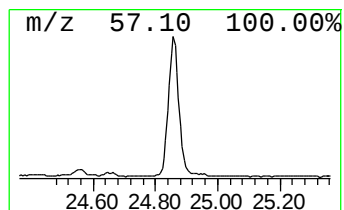
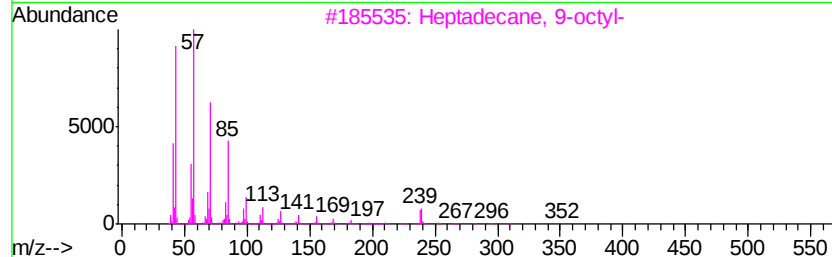
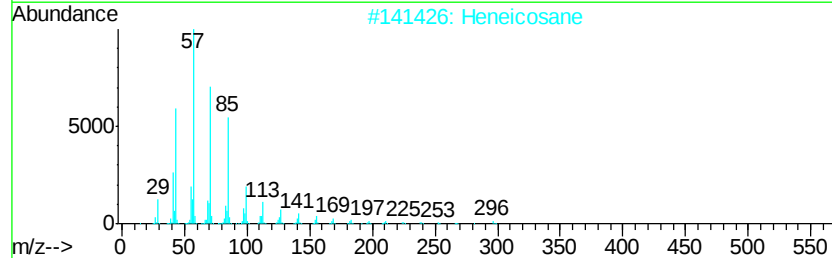
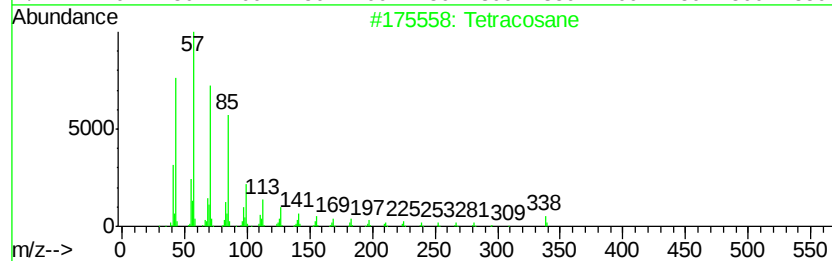
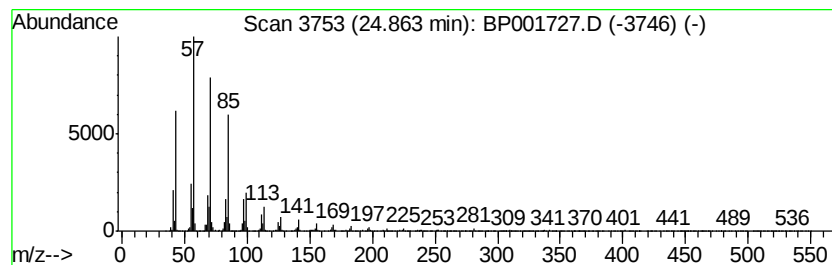
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.69 ng	799450	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Heneicosane	296	C21H44	000629-94-7	96
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	94
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP020720\
 Data File : BP001727.D
 Acq On : 07 Feb 2020 18:56
 Operator : CG/JU
 Sample : L1430-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N29305

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.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...	3.02	23.8	ng	2976570	1	7.72	2499320	20.0
1-Hexanol, 2-ethyl-	7.80	2.9	ng	360306	1	7.72	2499320	20.0
n-Hexadecanoic acid	18.03	5.7	ng	1205300	4	17.10	4196930	20.0
Octadecanoic acid	19.26	3.9	ng	713141	5	21.19	3705750	20.0
(3-Phenyloxiran-2...	20.89	3.9	ng	722892	5	21.19	3705750	20.0
unknown20.94	20.94	11.6	ng	2140330	5	21.19	3705750	20.0
2,2'-(Ethane-1,2-...	20.99	13.4	ng	2474630	5	21.19	3705750	20.0
Octacosane	21.38	2.9	ng	528115	5	21.19	3705750	20.0
Hentriacontane	21.82	6.0	ng	1113020	5	21.19	3705750	20.0
Docosane, 9-butyl-	22.30	9.4	ng	1743090	5	21.19	3705750	20.0
2-Bromo dodecane	22.82	7.1	ng	2100850	6	23.43	5945300	20.0
Heneicosane, 11-d...	24.08	5.7	ng	1681120	6	23.43	5945300	20.0
Tetracosane	24.86	2.7	ng	799450	6	23.43	5945300	20.0