

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001615.D
 Acq On : 15 Jan 2020 18:32
 Operator : JU
 Sample : L1125-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FESB-25A-(6.5-7)

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-BP010820.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	2.876	10	15	24	rBV	55239	102387	7.08%	0.902%
2	2.952	24	28	45	rVB	199416	252561	17.47%	2.225%
3	4.799	337	342	353	rBV	130440	177778	12.30%	1.566%
4	5.258	414	420	431	rBV	481804	717846	49.66%	6.323%
5	6.828	680	687	702	rBV	527744	850573	58.84%	7.493%
6	7.175	738	746	760	rBV	518100	813996	56.31%	7.170%
7	7.634	816	824	835	rBV	143289	225313	15.59%	1.985%
8	7.952	871	878	885	rBV	398802	628347	43.47%	5.535%
9	8.781	1009	1019	1031	rBV	320305	538502	37.25%	4.744%
10	10.410	1287	1296	1303	rBV	159555	273242	18.90%	2.407%
11	12.899	1711	1719	1732	rBV	699812	1015754	70.27%	8.948%
12	13.746	1858	1863	1875	rBV	28147	47097	3.26%	0.415%
13	14.281	1947	1954	1971	rBV2	247872	376039	26.01%	3.312%
14	15.781	2201	2209	2220	rBV	588243	833345	57.65%	7.341%
15	17.039	2415	2423	2428	rBV	303445	442766	30.63%	3.900%
16	17.081	2428	2430	2437	rVB	23562	31256	2.16%	0.275%
17	17.175	2442	2446	2454	rVB3	13348	20603	1.43%	0.181%
18	17.975	2577	2582	2590	rBV3	46021	71537	4.95%	0.630%
19	18.816	2720	2725	2730	rBV5	7951	14624	1.01%	0.129%
20	19.069	2763	2768	2775	rBV	53096	73762	5.10%	0.650%
21	19.416	2820	2827	2836	rVB	48862	78094	5.40%	0.688%
22	19.633	2858	2864	2874	rBV	1180570	1445582	100.00%	12.734%
23	20.898	3074	3079	3094	rVB2	105202	191173	13.22%	1.684%
24	21.145	3115	3121	3126	rBV	370404	542335	37.52%	4.777%
25	21.333	3150	3153	3158	rVB5	13333	17396	1.20%	0.153%
26	21.769	3224	3227	3239	rVB3	49561	79482	5.50%	0.700%
27	22.239	3304	3307	3313	rVB2	30574	41670	2.88%	0.367%
28	22.369	3324	3329	3335	rVB	137329	186383	12.89%	1.642%
29	22.463	3342	3345	3351	rVB4	33842	44670	3.09%	0.393%
30	22.710	3383	3387	3389	rBV	21207	32309	2.24%	0.285%
31	22.751	3390	3394	3399	rVB2	76665	116352	8.05%	1.025%
32	23.286	3481	3485	3487	rVB3	14184	19013	1.32%	0.167%
33	23.333	3488	3493	3496	rVV2	41644	75882	5.25%	0.668%
34	23.380	3496	3501	3514	rVB	247927	467086	32.31%	4.115%

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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

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35	23.645	3540	3546	3552	rVB	133778	231614	16.02%	2.040%
36	23.992	3601	3605	3611	rVB	50418	85865	5.94%	0.756%
37	25.198	3805	3810	3818	rVB2	82902	189912	13.14%	1.673%

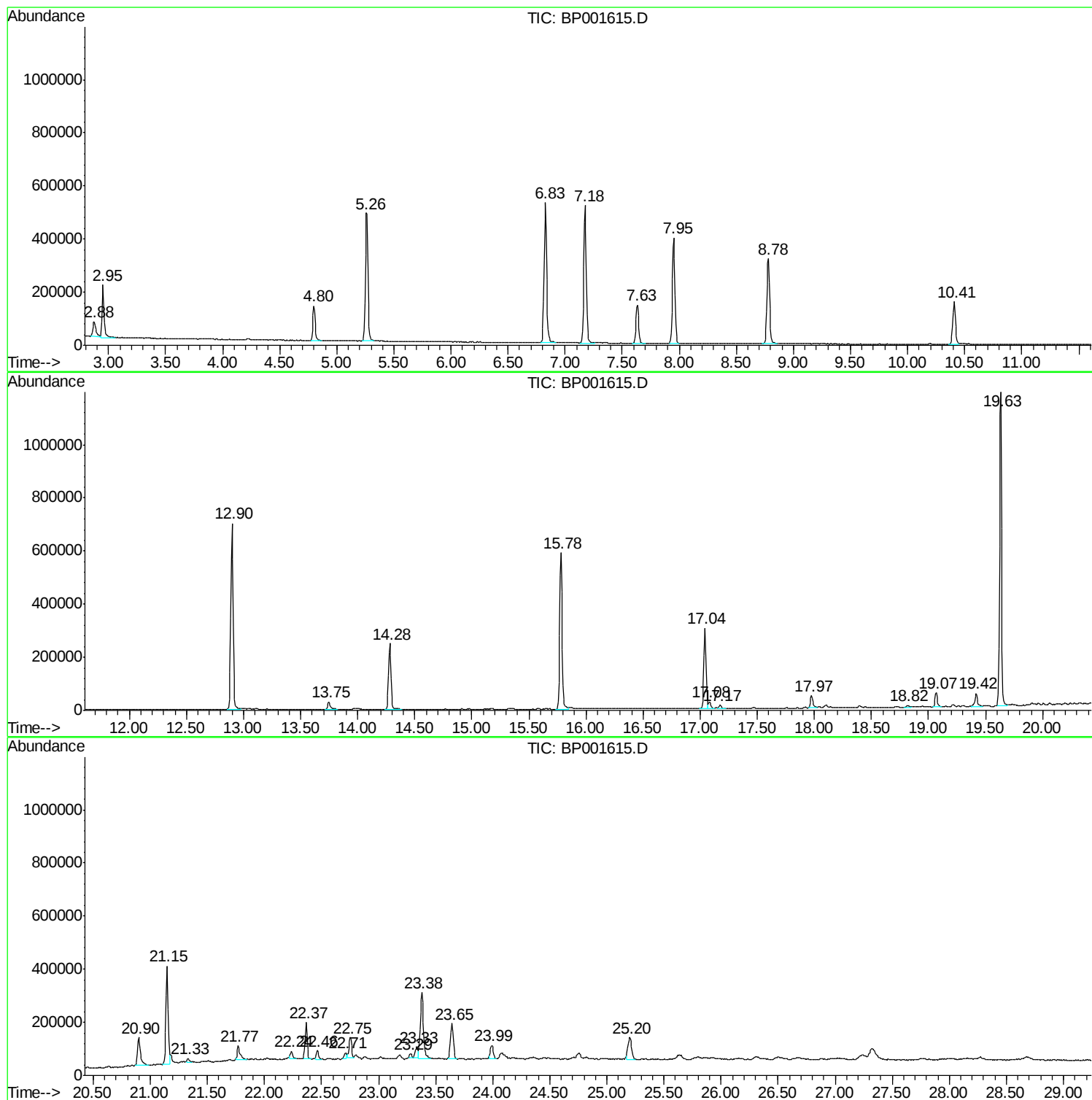
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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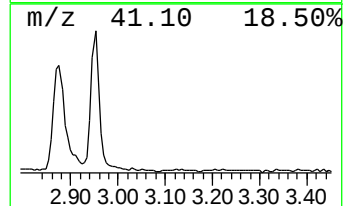
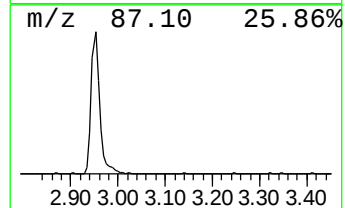
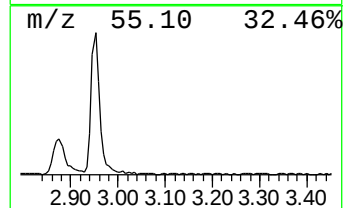
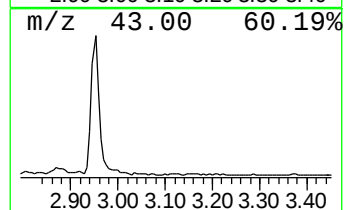
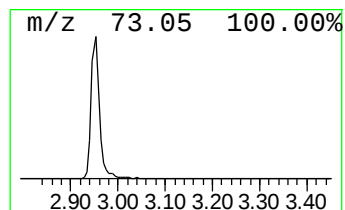
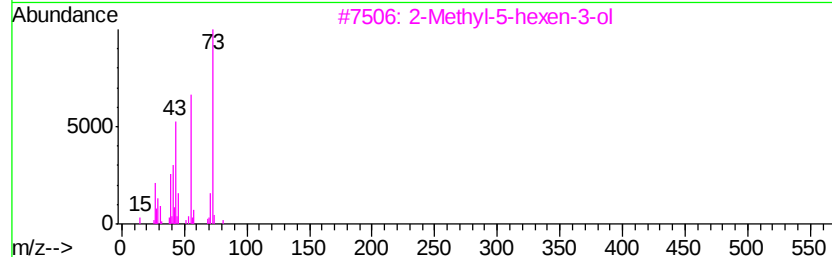
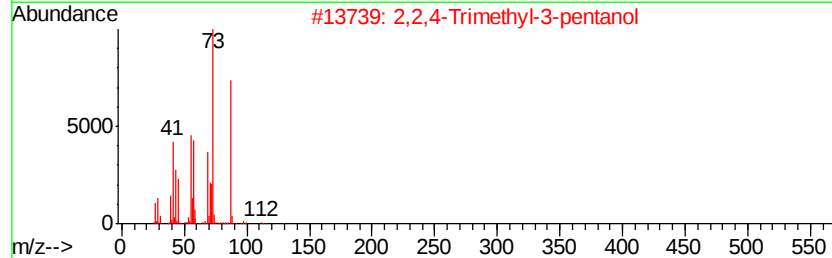
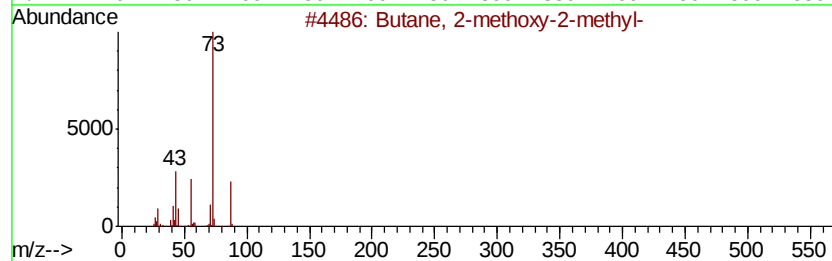
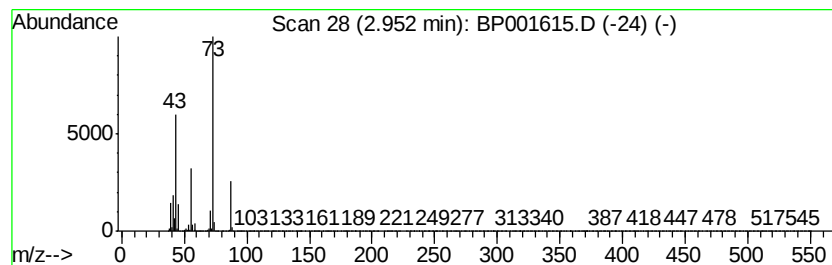
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	22.42 ng	252561	1,4-Dichlorobenzene-d4	7.63

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		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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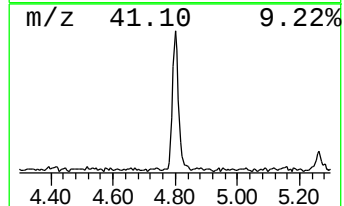
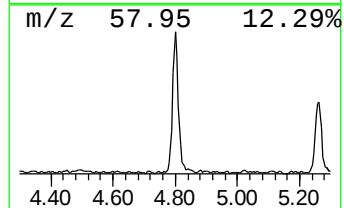
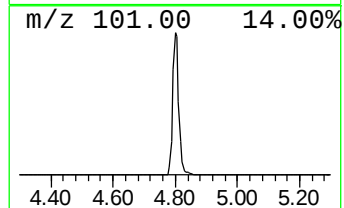
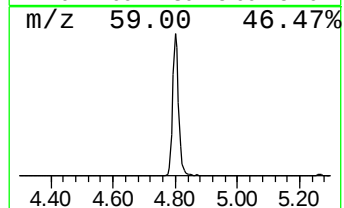
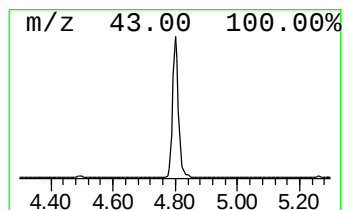
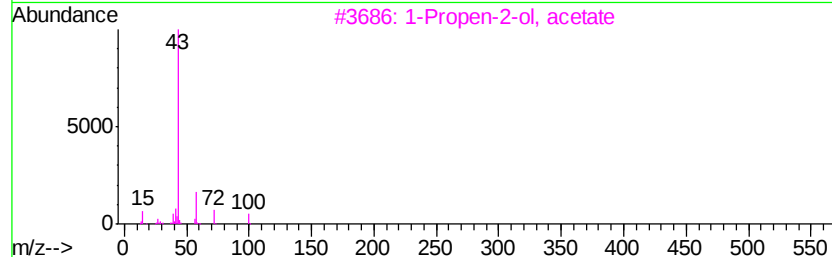
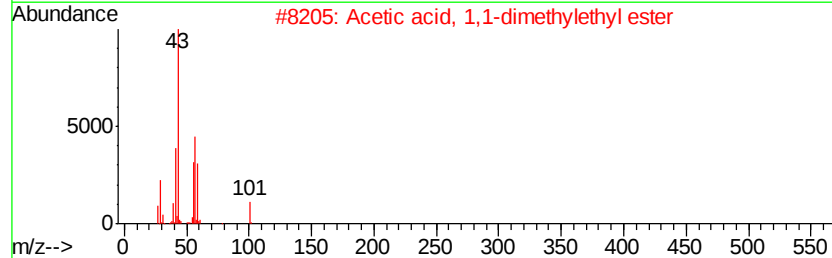
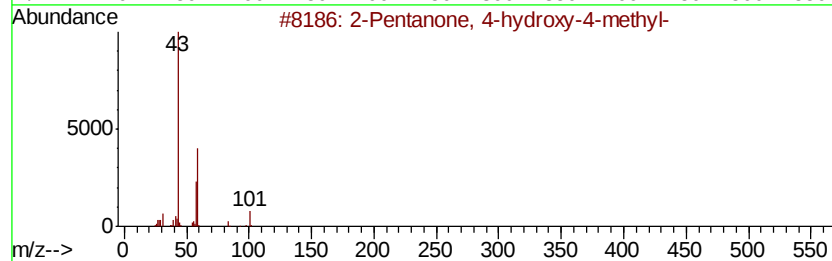
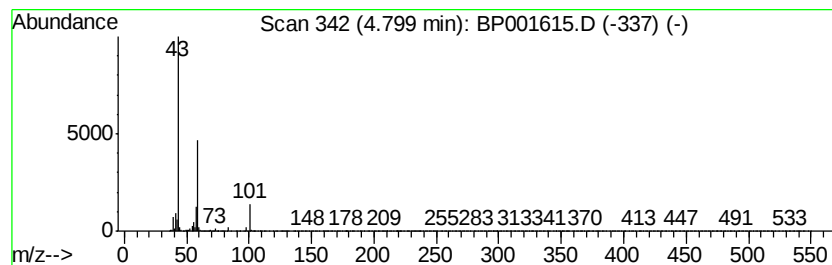
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	15.78 ng	177778	1,4-Dichlorobenzene-d4	7.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2		000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2		000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2		042781-12-4	9



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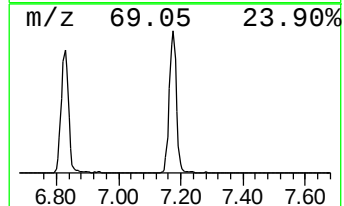
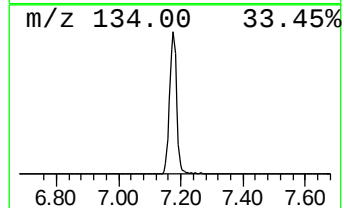
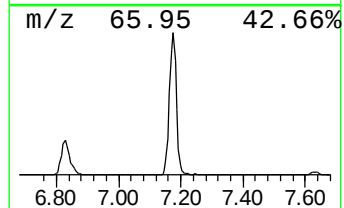
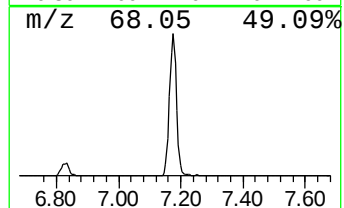
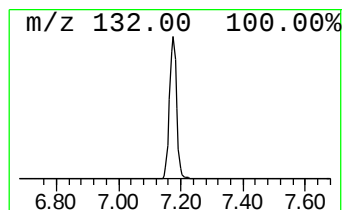
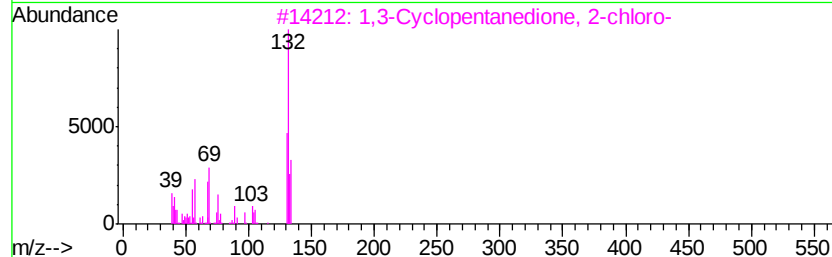
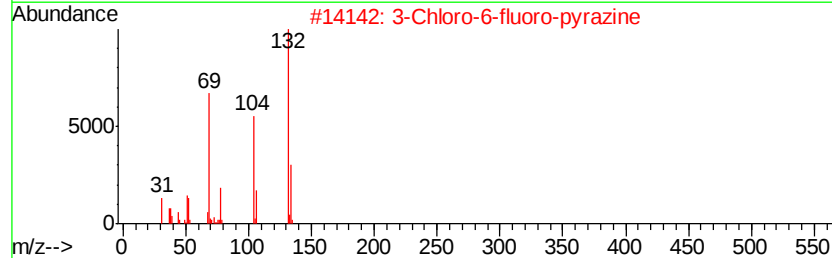
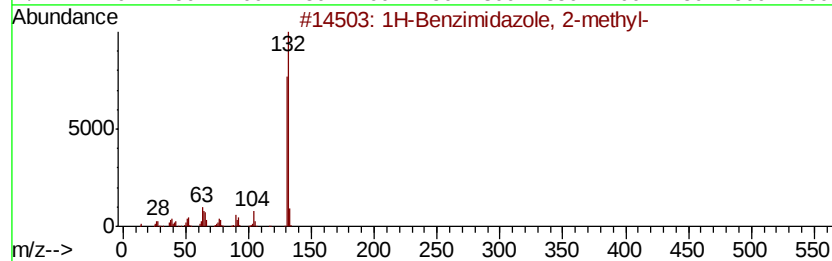
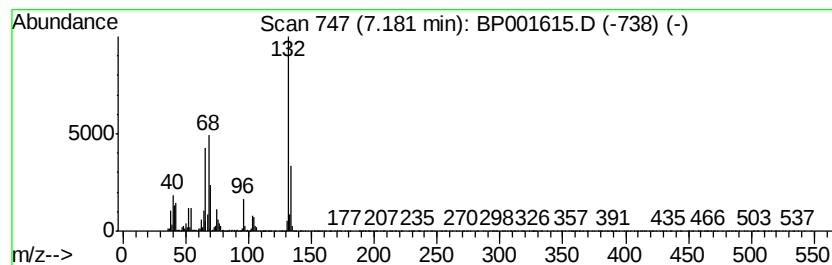
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	72.25 ng	813996	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10



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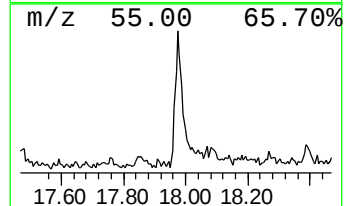
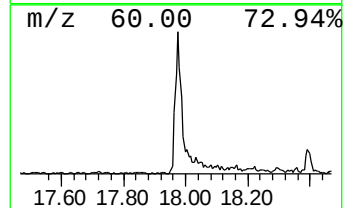
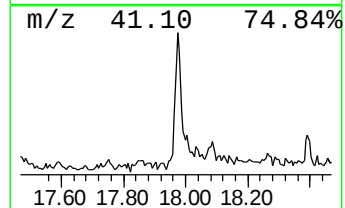
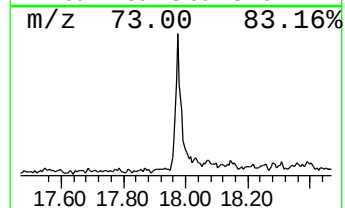
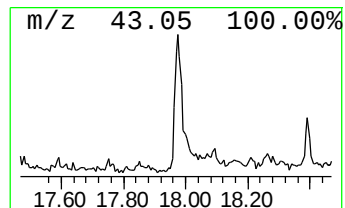
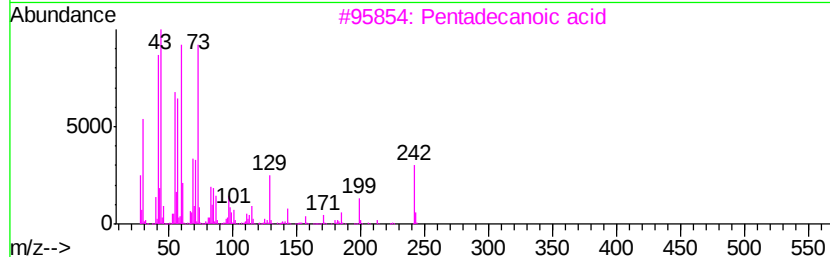
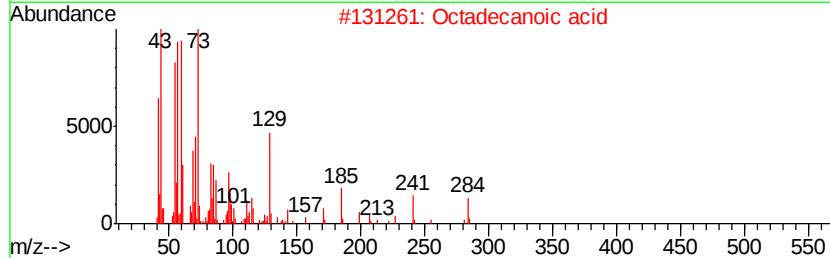
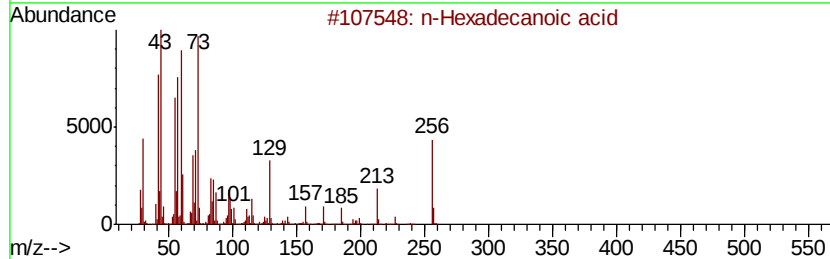
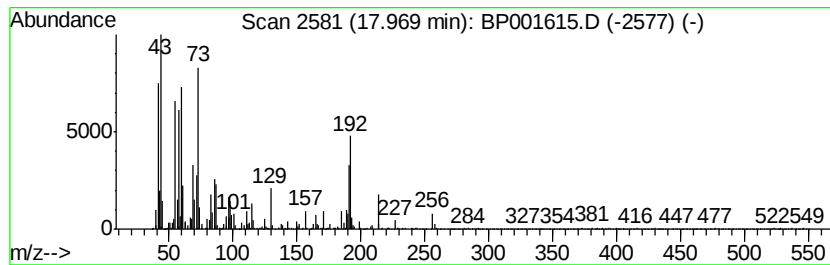
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	3.23 ng	71537	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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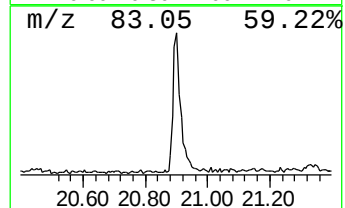
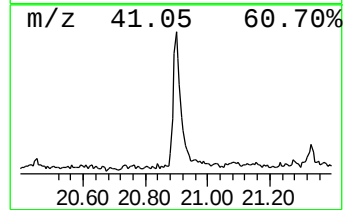
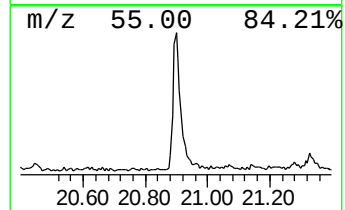
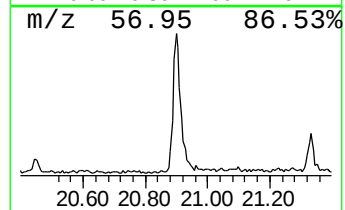
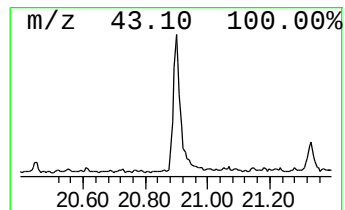
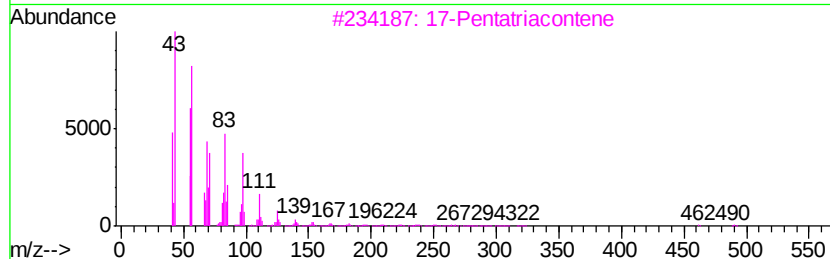
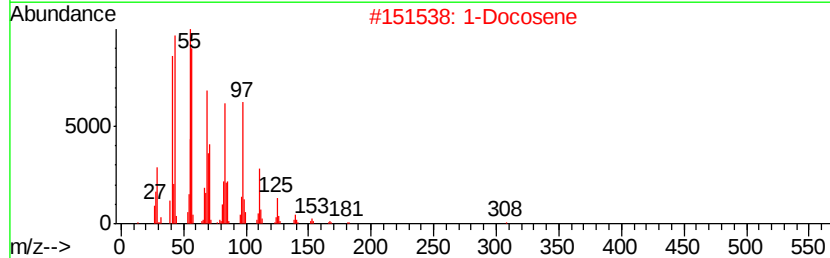
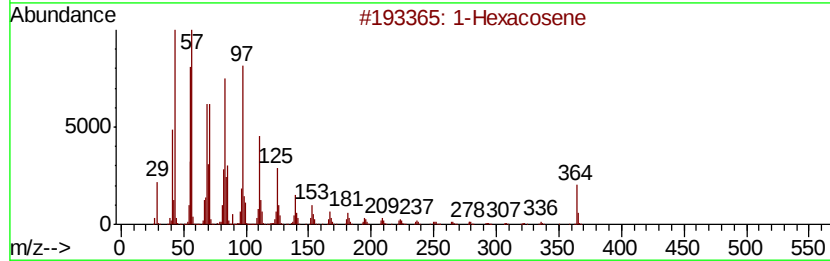
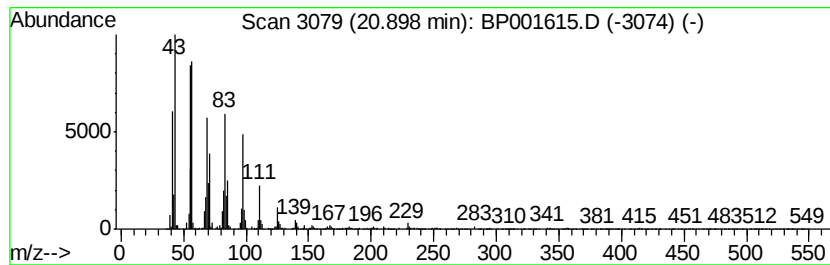
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Peak Number 7 1-Hexacosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.05 ng	191173	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosene	364	C26H52	018835-33-1	95
2		1-Docosene	308	C22H44	001599-67-3	95
3		17-Pentatriacontene	491	C35H70	006971-40-0	94
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001615.D
Acq On : 15 Jan 2020 18:32
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-25A-(6.5-7)

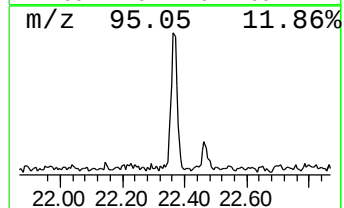
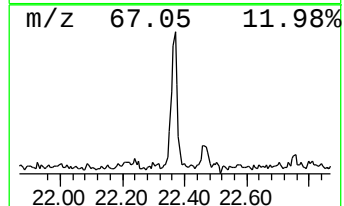
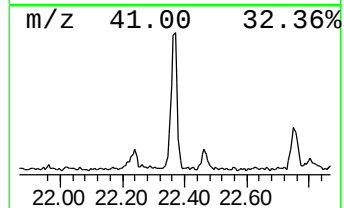
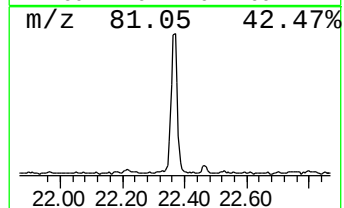
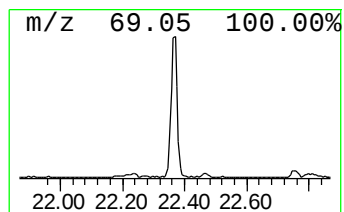
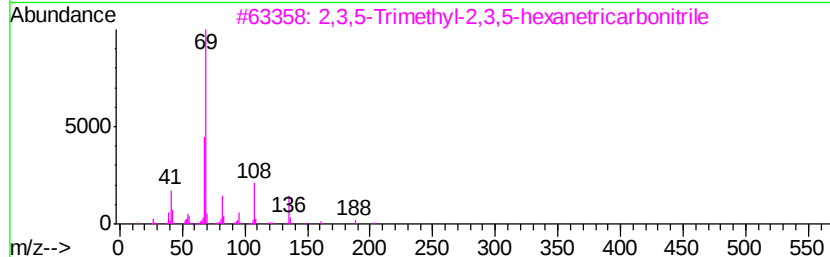
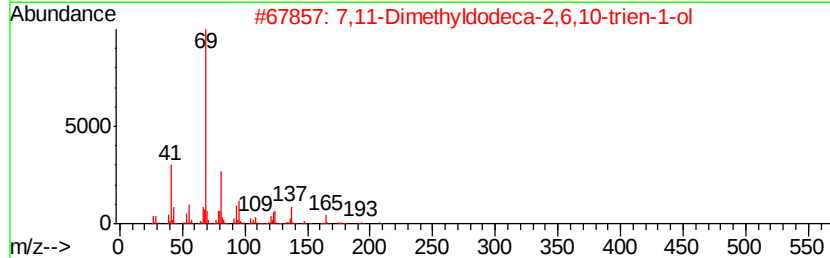
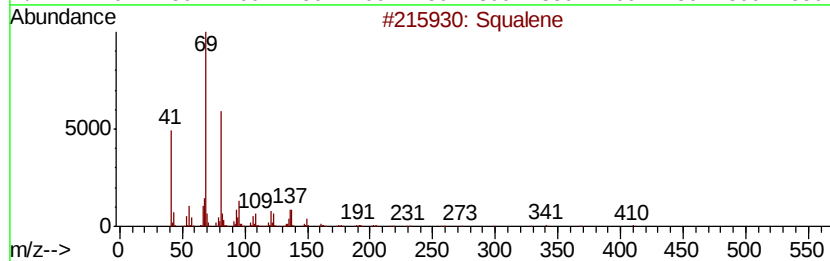
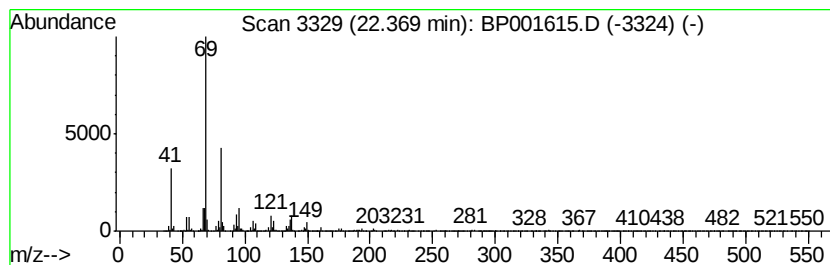
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	7.98 ng	186383	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	95
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
3		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
4		1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	58
5		1,5-Heptadiene, 3,3-dimethyl-, (E)-	124	C9H16	067682-47-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001615.D
Acq On : 15 Jan 2020 18:32
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-25A-(6.5-7)

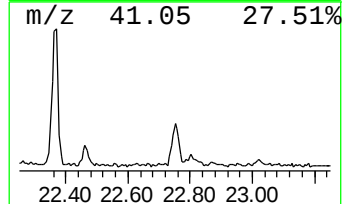
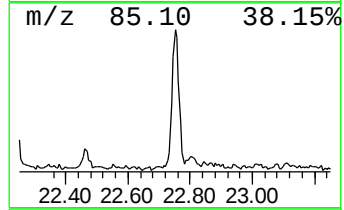
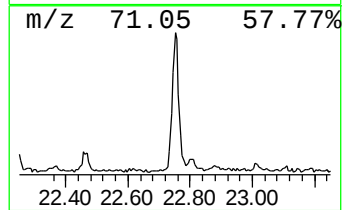
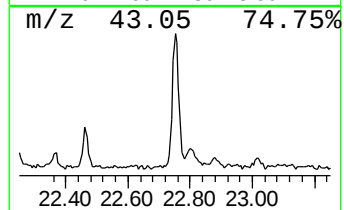
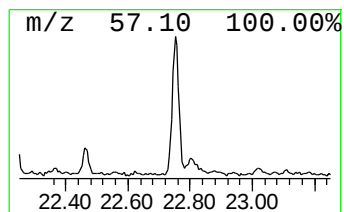
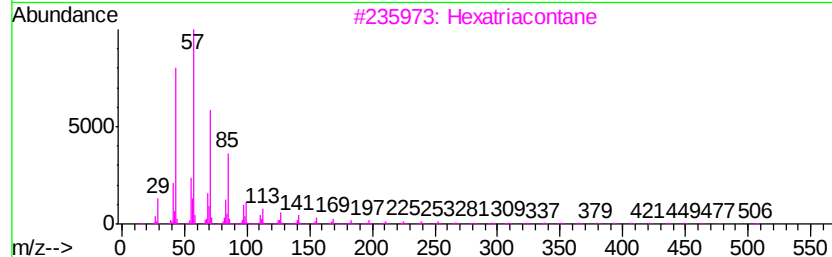
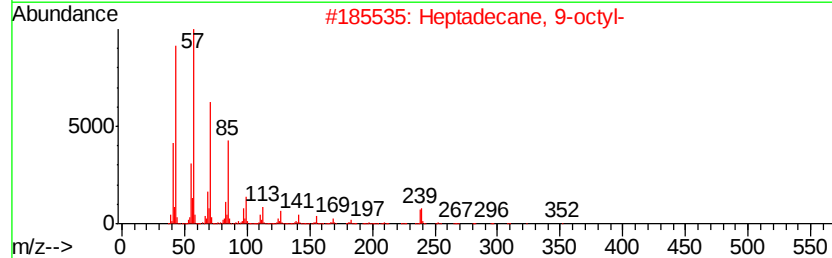
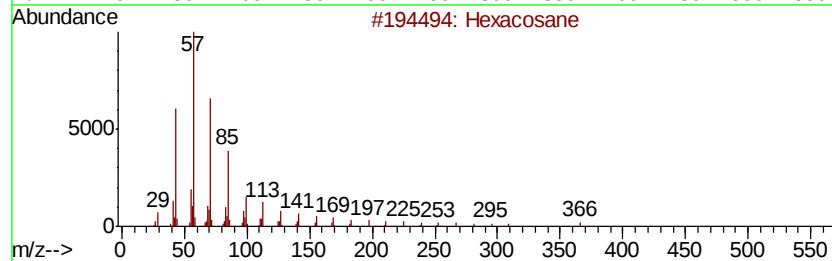
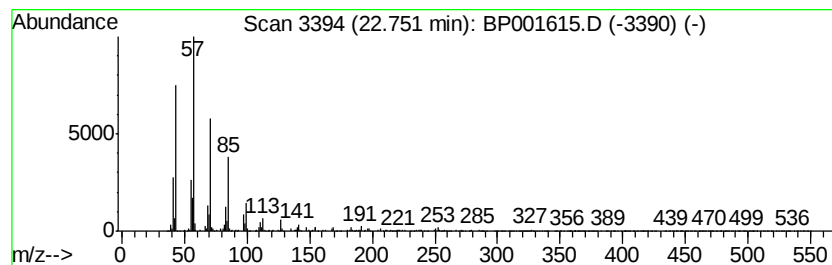
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	4.98 ng	116352	Perylene-d12	23.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001615.D
Acq On : 15 Jan 2020 18:32
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-25A-(6.5-7)

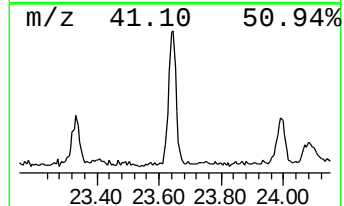
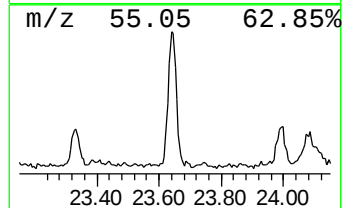
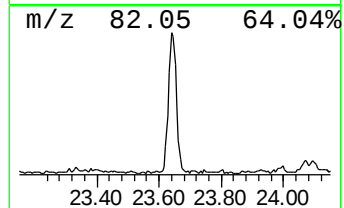
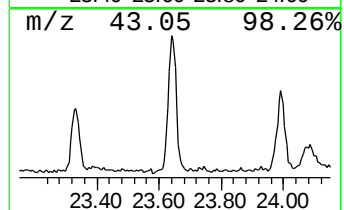
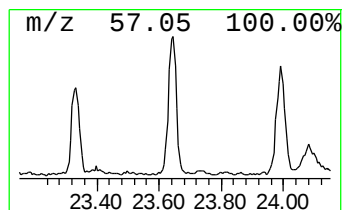
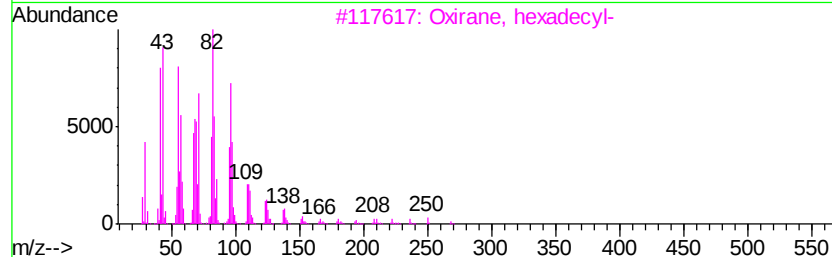
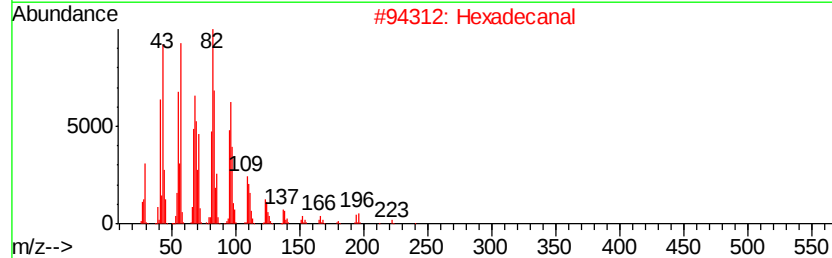
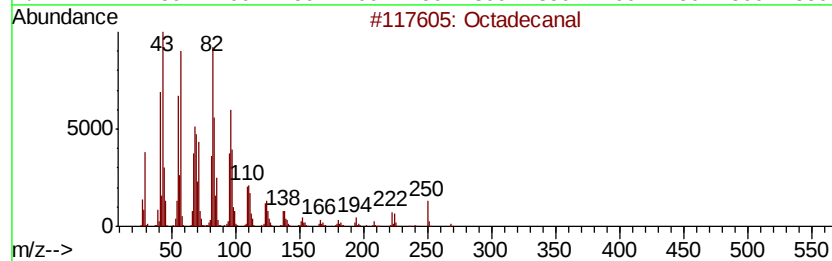
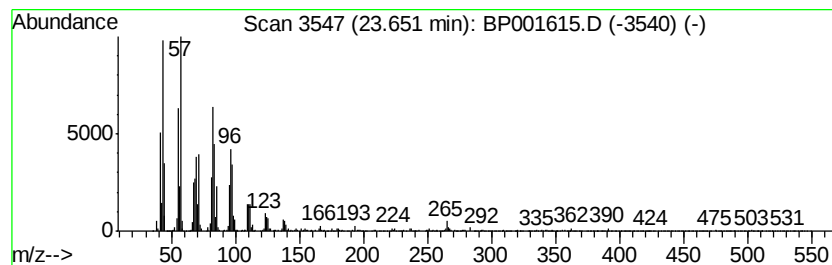
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	9.92 ng	231614	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	95
2		Hexadecanal	240	C16H32O	000629-80-1	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Pentadecanal-	226	C15H30O	002765-11-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001615.D
Acq On : 15 Jan 2020 18:32
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-25A-(6.5-7)

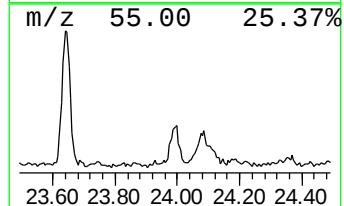
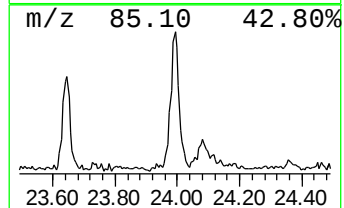
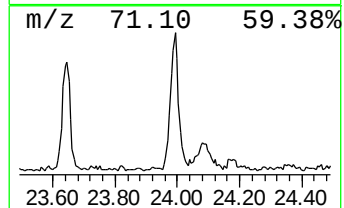
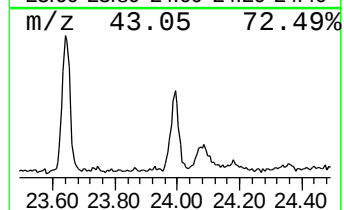
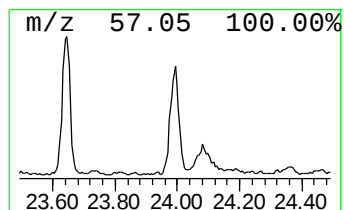
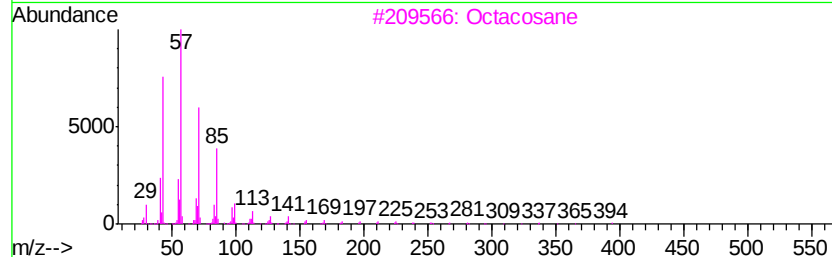
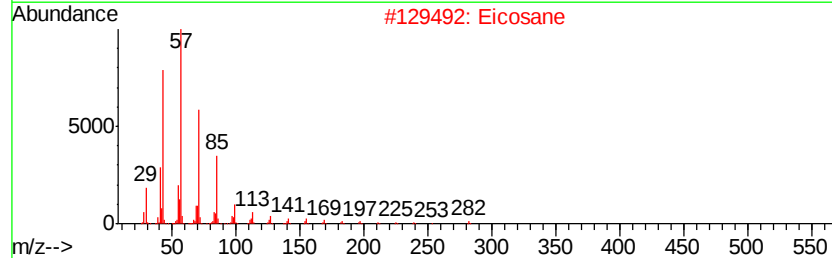
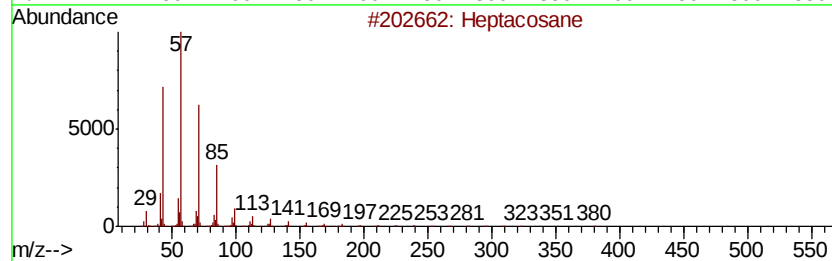
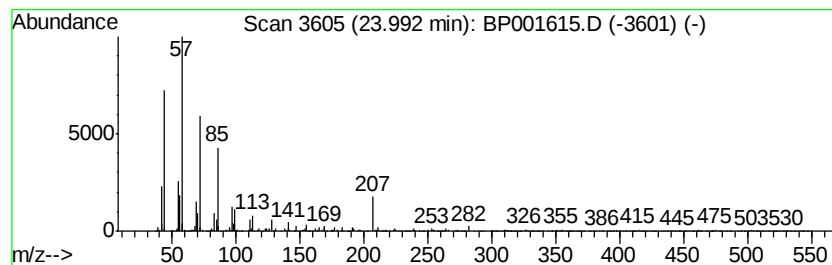
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.68 ng	85865	Perylene-d12	23.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	98
2			Eicosane	282	C20H42	000112-95-8	93
3			Octacosane	394	C28H58	000630-02-4	87
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001615.D
Acq On : 15 Jan 2020 18:32
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-25A-(6.5-7)

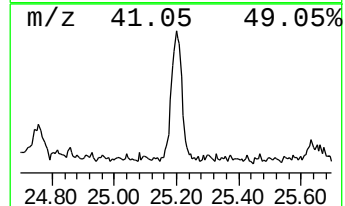
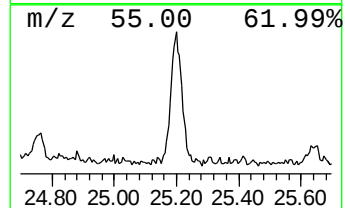
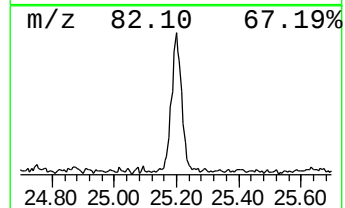
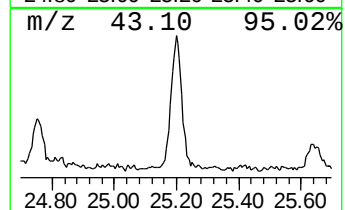
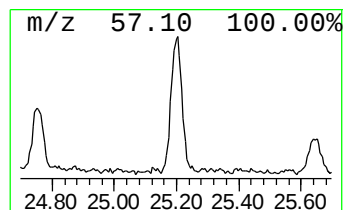
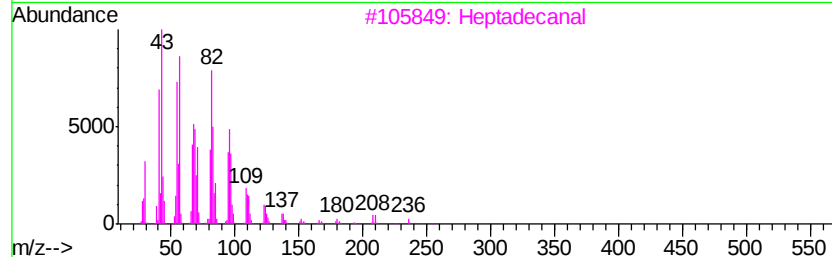
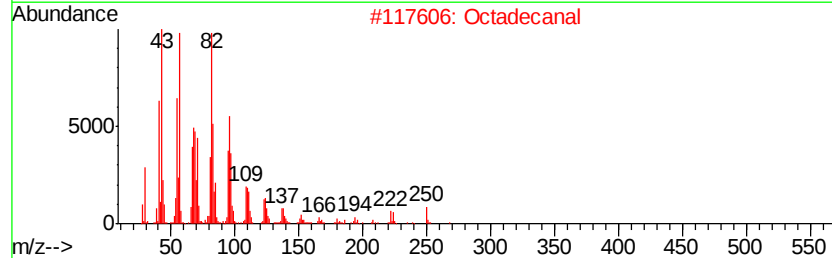
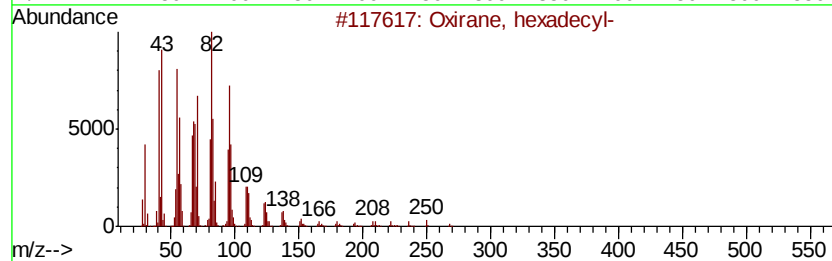
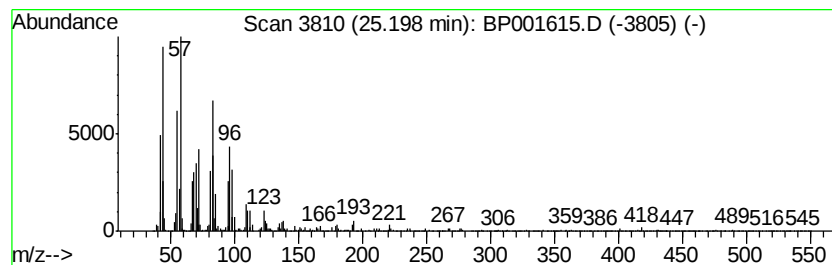
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	8.13 ng	189912	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2		Octadecanal	268	C18H36O	000638-66-4	93
3		Heptadecanal	254	C17H34O	1000376-70-0	91
4		Hexadecanal	240	C16H32O	000629-80-1	90
5		1,19-Eicosadiene	278	C20H38	014811-95-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
 Data File : BP001615.D
 Acq On : 15 Jan 2020 18:32
 Operator : JU
 Sample : L1125-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FESB-25A-(6.5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.95	22.4	ng	252561	1	7.63	225313	20.0
2-Pentanone, 4-hy...	4.80	15.8	ng	177778	1	7.63	225313	20.0
unknown7.18	7.18	72.3	ng	813996	1	7.63	225313	20.0
n-Hexadecanoic acid	17.97	3.2	ng	71537	4	17.04	442766	20.0
1-Hexacosene	20.90	7.0	ng	191173	5	21.15	542335	20.0
Squalene	22.37	8.0	ng	186383	6	23.38	467086	20.0
Hexacosane	22.75	5.0	ng	116352	6	23.38	467086	20.0
Octadecanal	23.65	9.9	ng	231614	6	23.38	467086	20.0
Heptacosane	23.99	3.7	ng	85865	6	23.38	467086	20.0
Oxirane, hexadecyl-	25.20	8.1	ng	189912	6	23.38	467086	20.0