

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001662.D
 Acq On : 17 Jan 2020 17:53
 Operator : JU
 Sample : L1155-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200028

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	2.863	9	13	20	rBV3	27983	59327	2.40%	0.290%
2	2.946	23	27	41	rVB	304407	344254	13.93%	1.682%
3	4.798	337	342	353	rVB	265441	357234	14.46%	1.745%
4	5.263	415	421	433	rBV	1101994	1533392	62.05%	7.492%
5	6.834	681	688	705	rBV	1091311	1860228	75.28%	9.089%
6	7.175	739	746	760	rBV	1074620	1724055	69.77%	8.423%
7	7.628	817	823	833	rVB	234646	371108	15.02%	1.813%
8	7.951	870	878	890	rVB	822585	1299227	52.58%	6.348%
9	8.781	1010	1019	1032	rBV	694934	1155562	46.76%	5.646%
10	10.404	1288	1295	1313	rBV	271141	473083	19.14%	2.311%
11	12.898	1711	1719	1733	rBV	1468370	2195989	88.87%	10.729%
12	13.745	1855	1863	1873	rBV	84375	137411	5.56%	0.671%
13	14.280	1947	1954	1960	rBV	407235	614372	24.86%	3.002%
14	14.339	1960	1964	1969	rVB	15898	25138	1.02%	0.123%
15	15.339	2128	2134	2140	rBV2	16646	26808	1.08%	0.131%
16	15.780	2202	2209	2229	rBV	1099387	1621085	65.60%	7.920%
17	17.039	2417	2423	2427	rBV	455776	655576	26.53%	3.203%
18	17.080	2427	2430	2437	rVV	88579	129082	5.22%	0.631%
19	17.174	2441	2446	2452	rVB	24780	37952	1.54%	0.185%
20	17.968	2576	2581	2588	rBV2	15090	24945	1.01%	0.122%
21	18.104	2600	2604	2608	rBV3	15417	24770	1.00%	0.121%
22	19.062	2761	2767	2775	rBV	144748	195219	7.90%	0.954%
23	19.415	2818	2827	2836	rBV	118941	185621	7.51%	0.907%
24	19.627	2854	2863	2875	rBV	2005459	2471067	100.00%	12.073%
25	20.833	3065	3068	3072	rBV	20719	28544	1.16%	0.139%
26	20.886	3072	3077	3082	rBV3	161840	235290	9.52%	1.150%
27	21.145	3114	3121	3125	rBV2	435862	642809	26.01%	3.141%
28	21.174	3125	3126	3135	rVB	57309	65972	2.67%	0.322%
29	21.321	3147	3151	3157	rVB	59395	68118	2.76%	0.333%
30	21.756	3220	3225	3230	rBV	99316	135998	5.50%	0.664%
31	22.221	3299	3304	3311	rBV	154778	208370	8.43%	1.018%
32	22.733	3381	3391	3398	rBV2	196128	397428	16.08%	1.942%
33	23.180	3463	3467	3476	rVB2	30106	56411	2.28%	0.276%
34	23.309	3479	3489	3494	rBV2	134293	278198	11.26%	1.359%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.374	3494	3500	3506	rVV	262176	468918	18.98%	2.291%
36	23.962	3594	3600	3608	rVB3	93209	175618	7.11%	0.858%
37	24.721	3724	3729	3735	rVB2	42978	79958	3.24%	0.391%
38	25.615	3875	3881	3893	rVB5	34056	103448	4.19%	0.505%

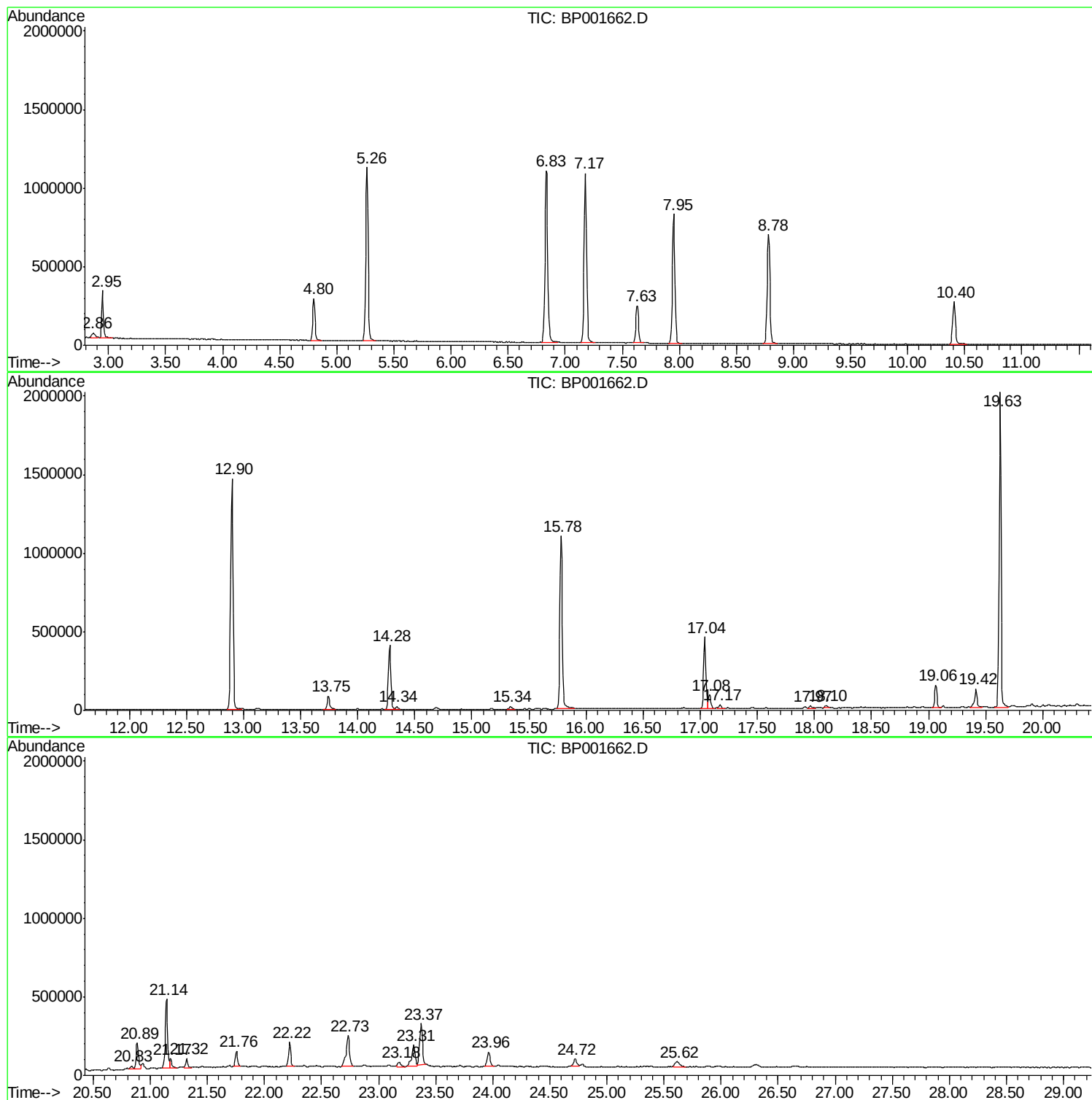
Sum of corrected areas: 20467585

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
RBR-200028

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

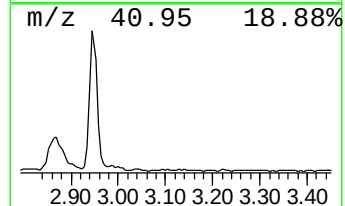
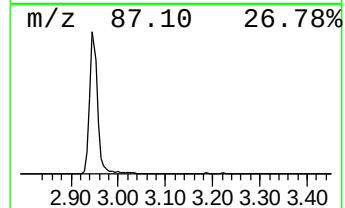
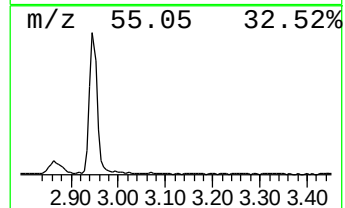
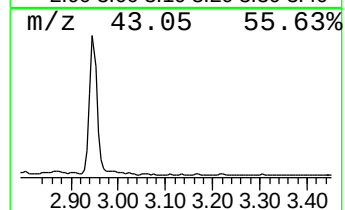
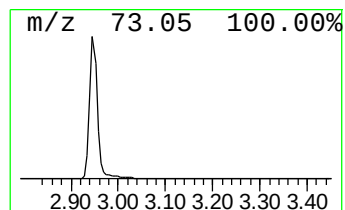
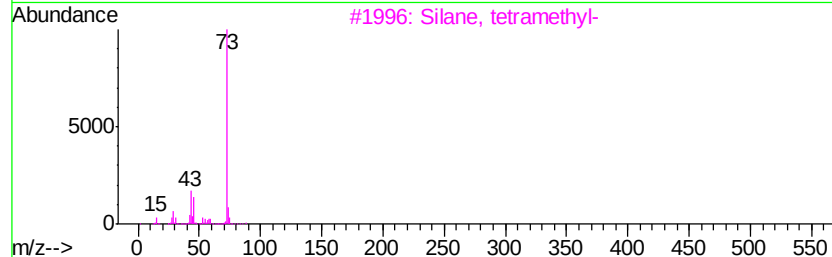
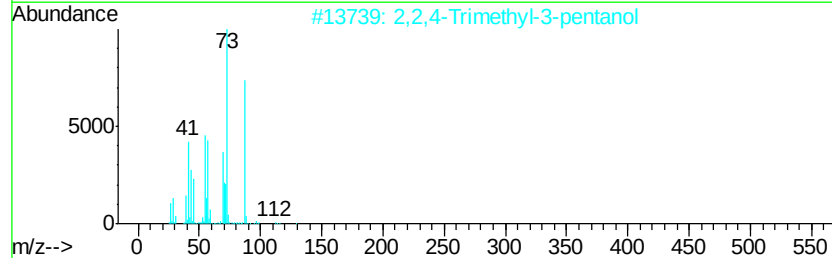
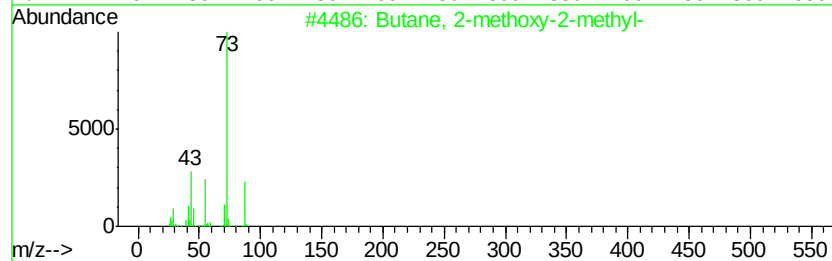
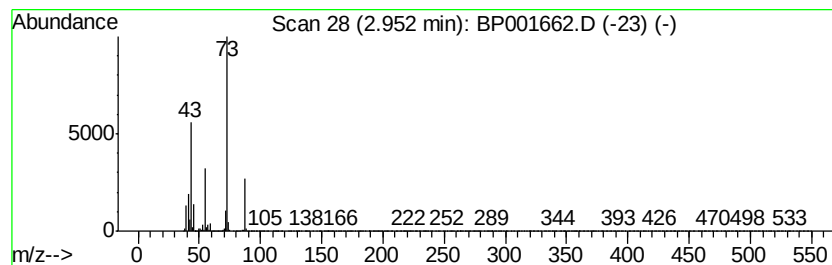
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	18.55 ng	344254	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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

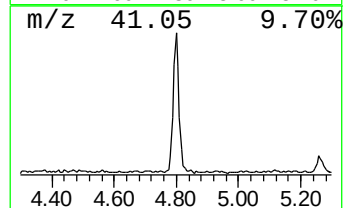
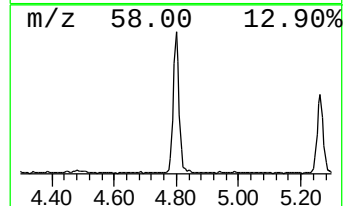
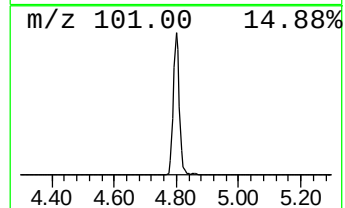
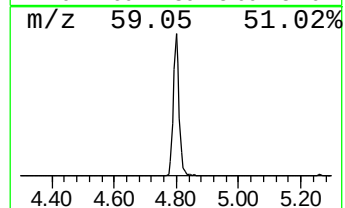
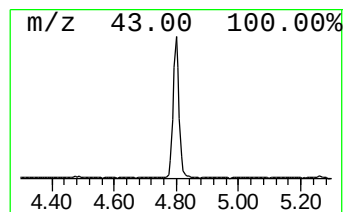
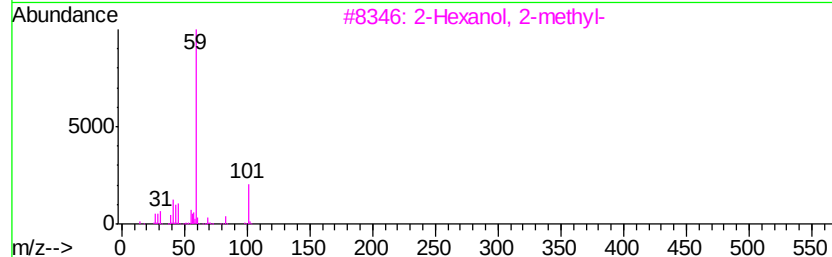
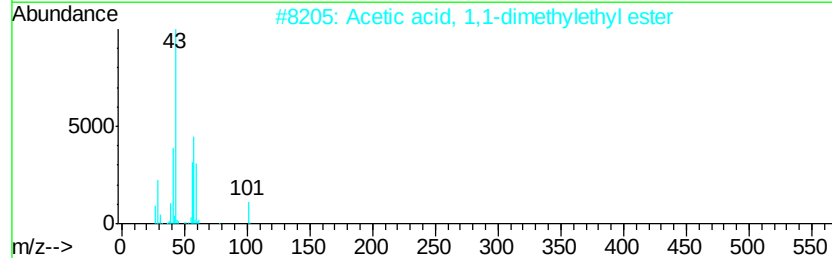
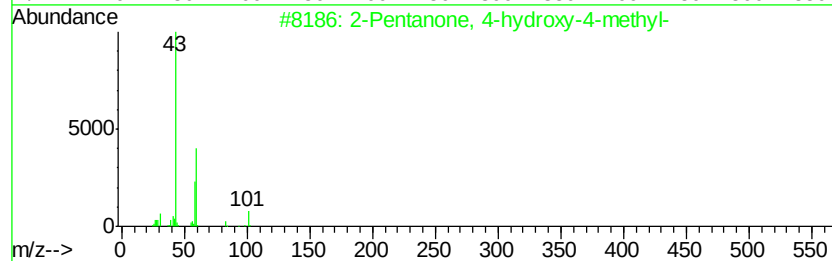
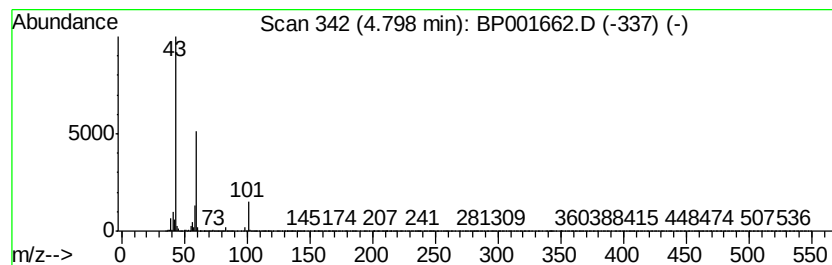
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	19.25 ng	357234	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

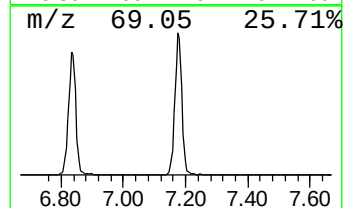
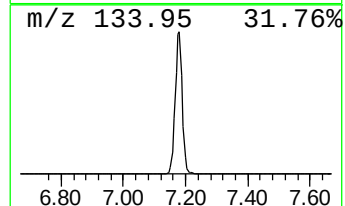
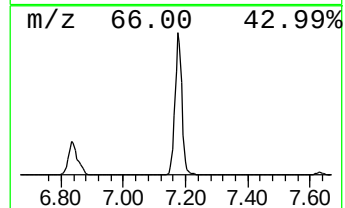
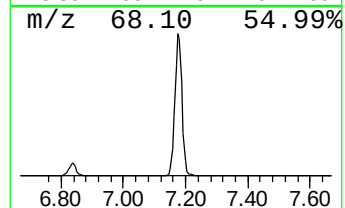
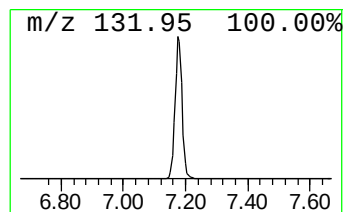
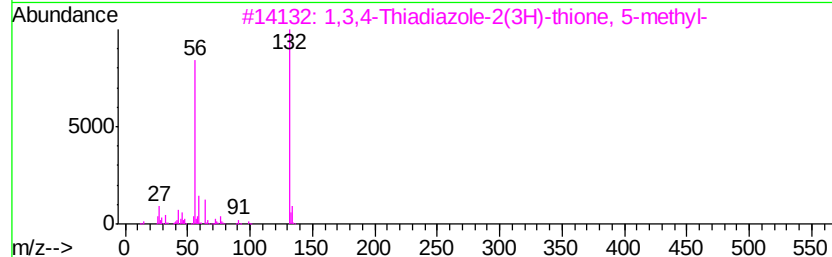
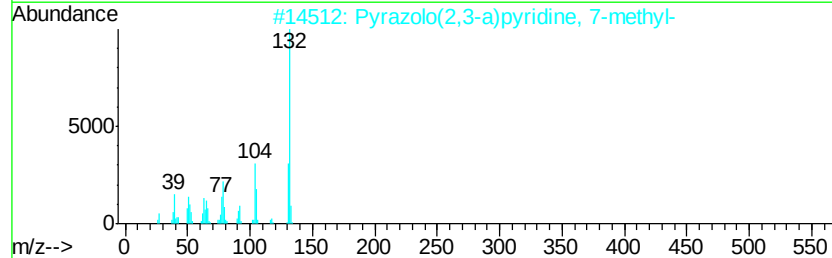
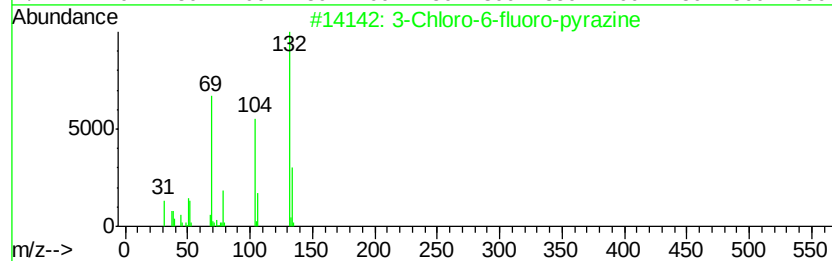
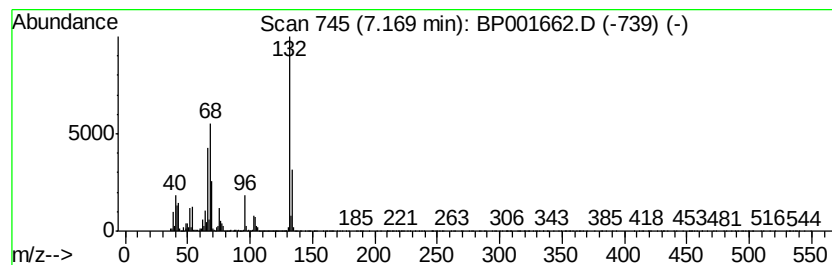
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	92.91 ng	1724060	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

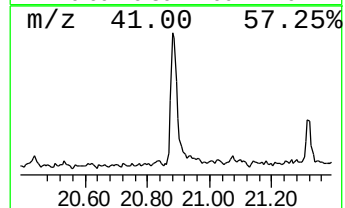
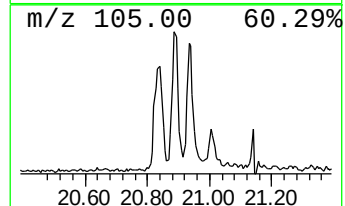
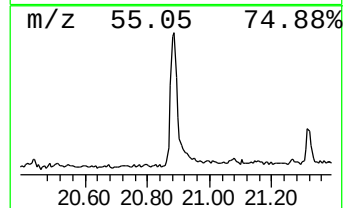
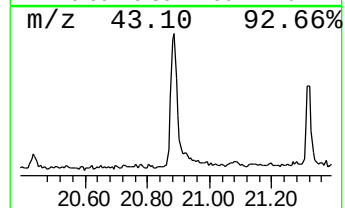
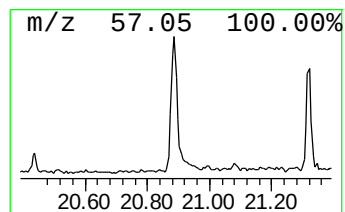
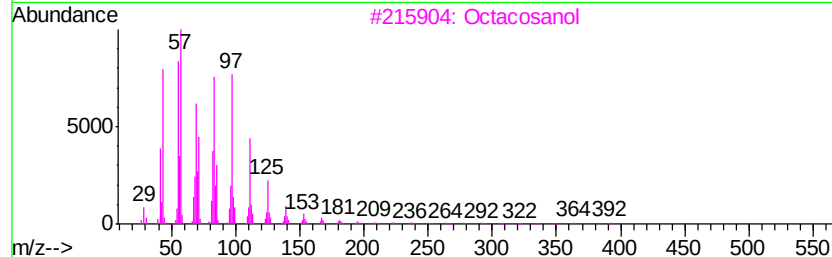
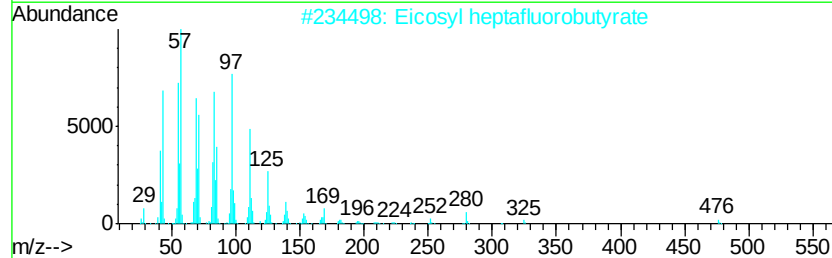
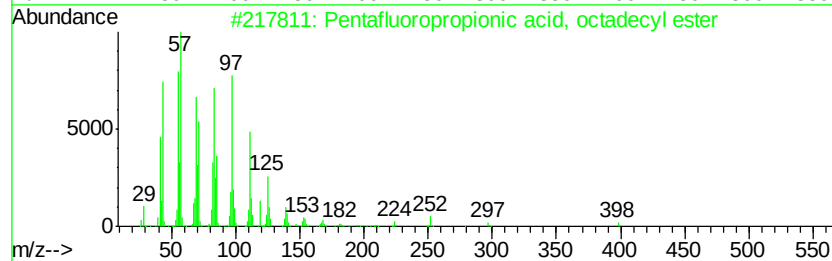
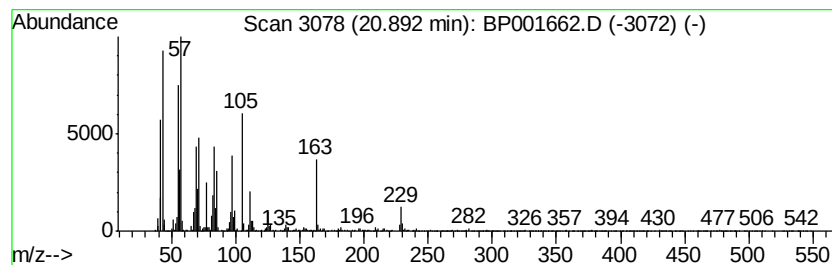
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.32 ng	235290	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81
2		Eicosyl heptafluorobutyrte	494	C24H41F7O2	1000351-83-5	81
3		Octacosanol	410	C28H58O	000557-61-9	81
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81
5		17-Pentatriacontene	491	C35H70	006971-40-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

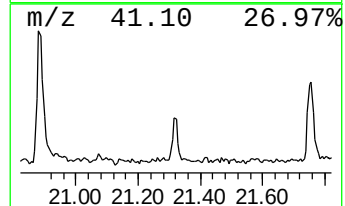
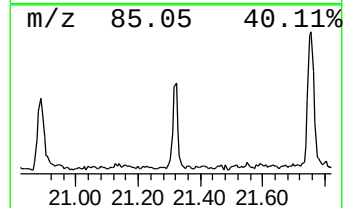
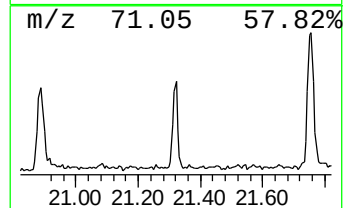
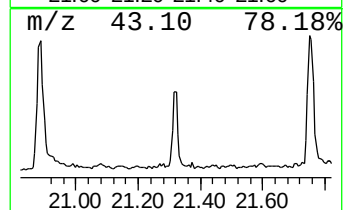
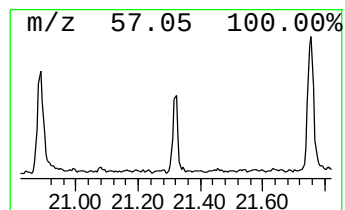
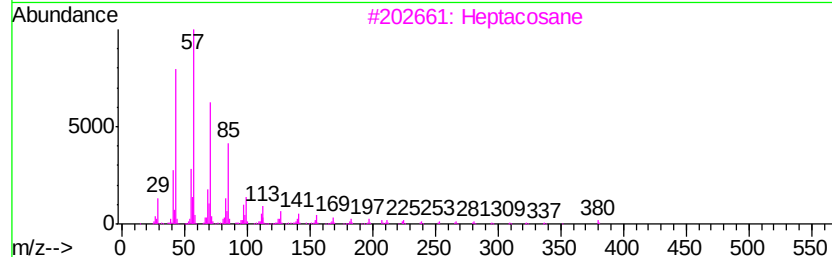
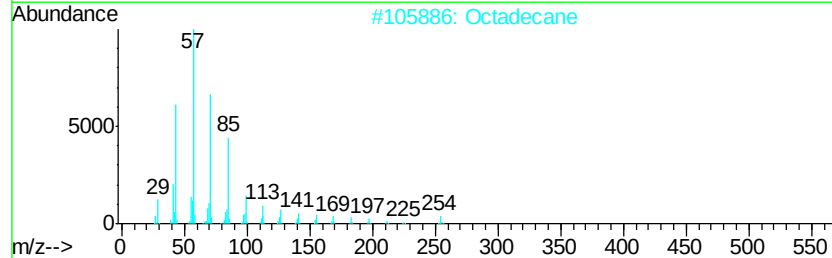
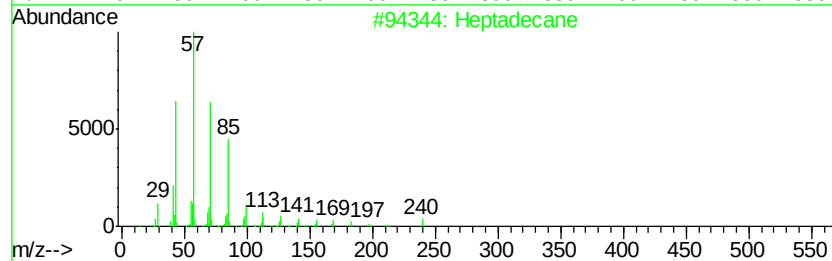
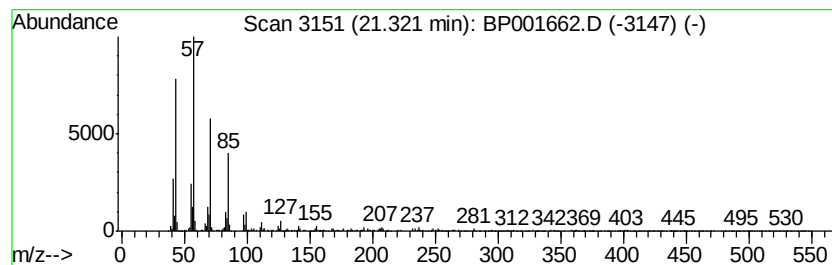
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.12 ng	68118	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Octadecane		254	C18H38	000593-45-3	87
3	Heptacosane		380	C27H56	000593-49-7	86
4	Octacosane		394	C28H58	000630-02-4	83
5	Pentadecane		212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

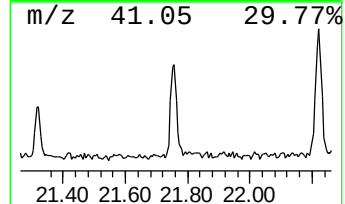
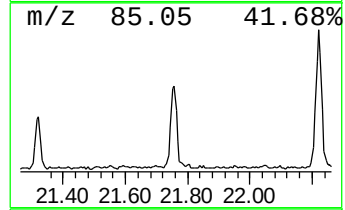
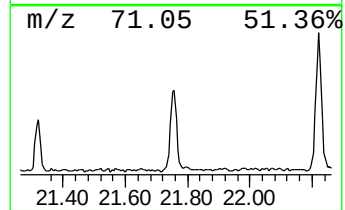
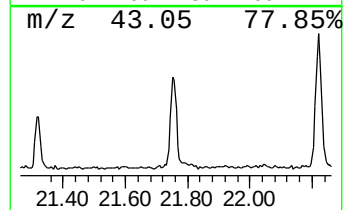
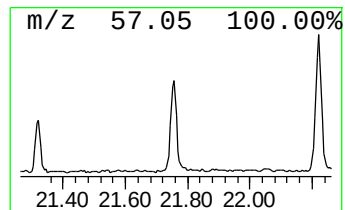
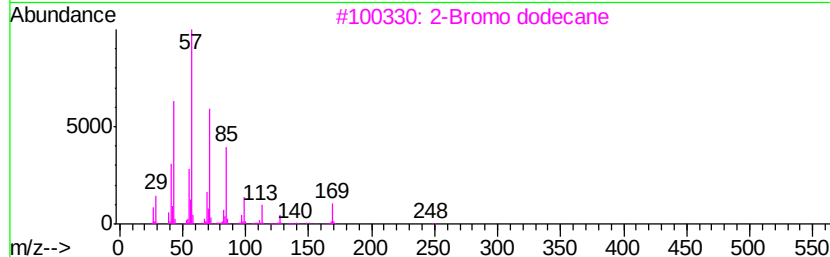
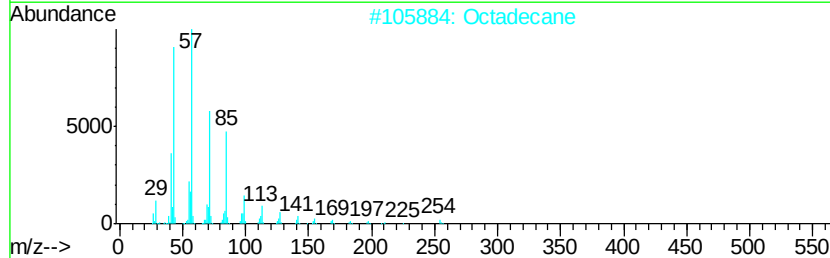
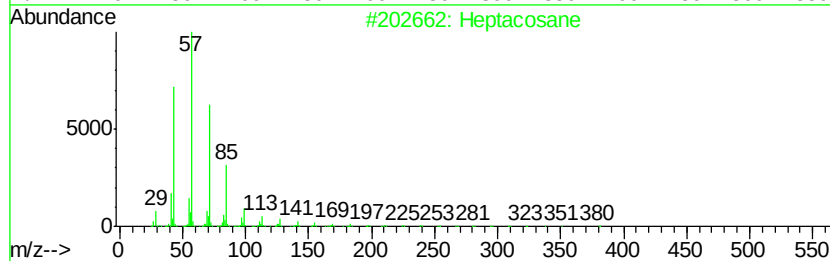
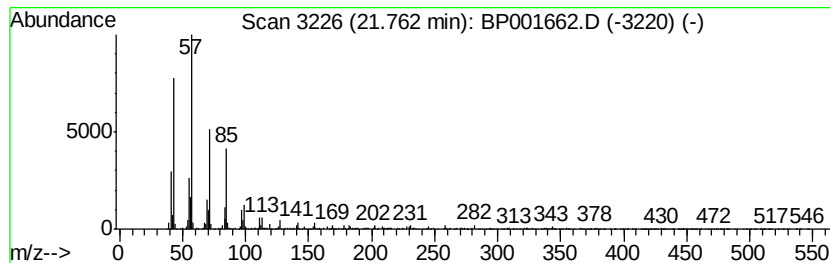
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	4.23 ng	135998	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	96
2	Octadecane		254	C18H38	000593-45-3	93
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Docosane, 11-butyl-		366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

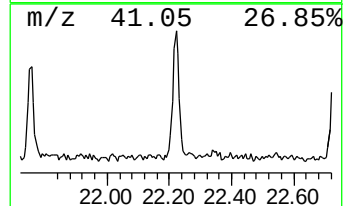
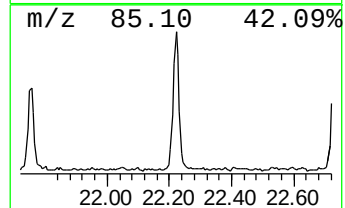
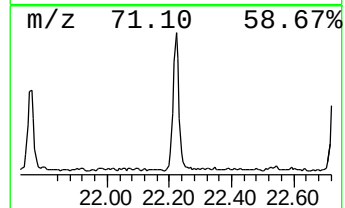
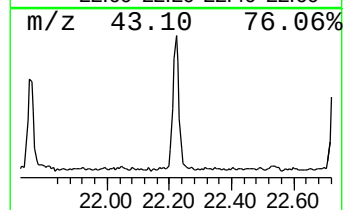
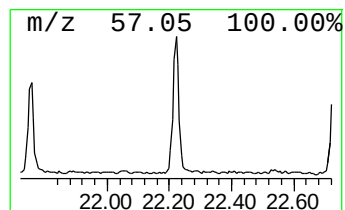
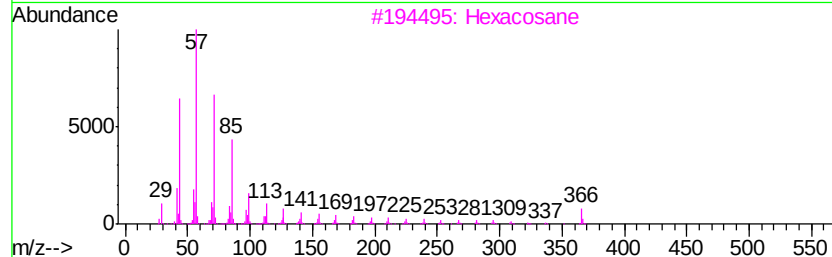
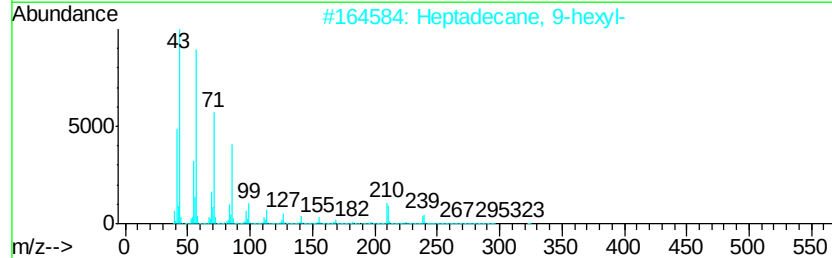
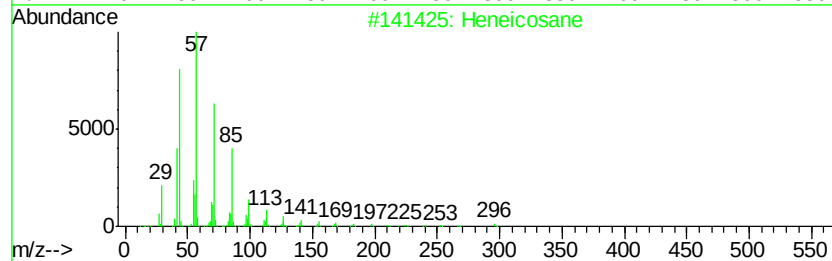
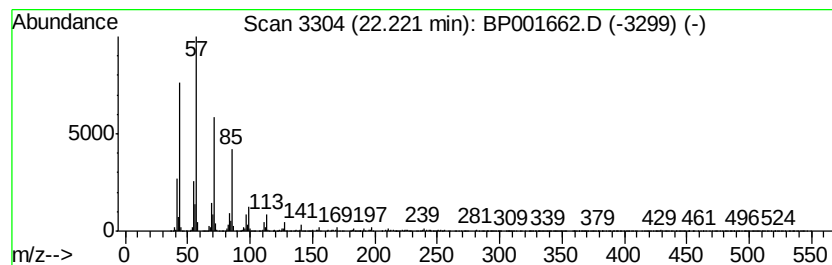
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	6.48 ng	208370	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptadecane, 9-hexyl-		324	C23H48	055124-79-3	95
3	Hexacosane		366	C26H54	000630-01-3	94
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001662.D
 Acq On : 17 Jan 2020 17:53
 Operator : JU
 Sample : L1155-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200028

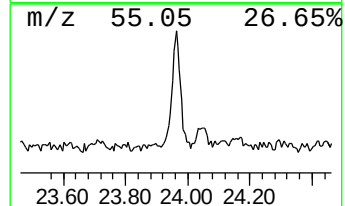
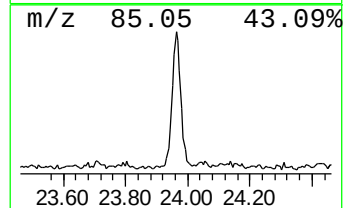
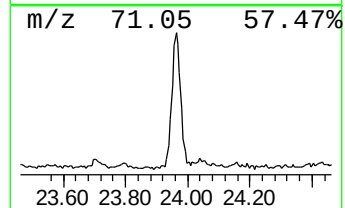
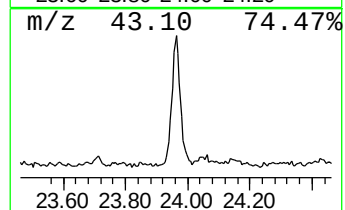
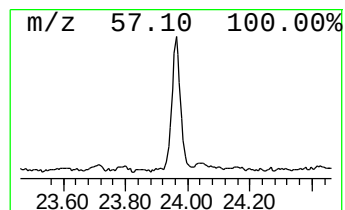
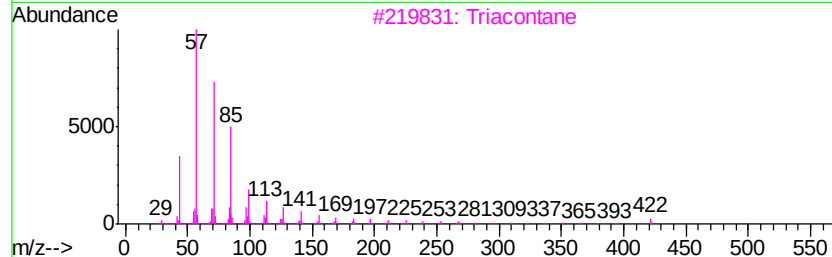
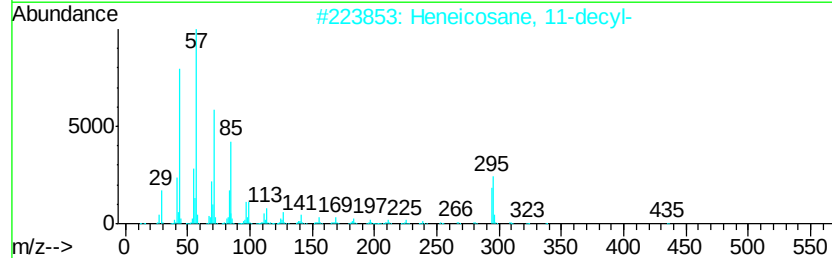
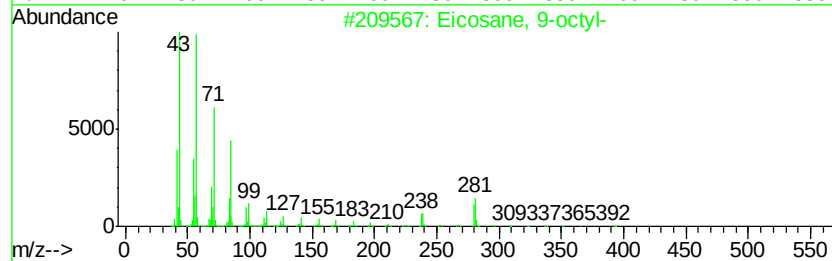
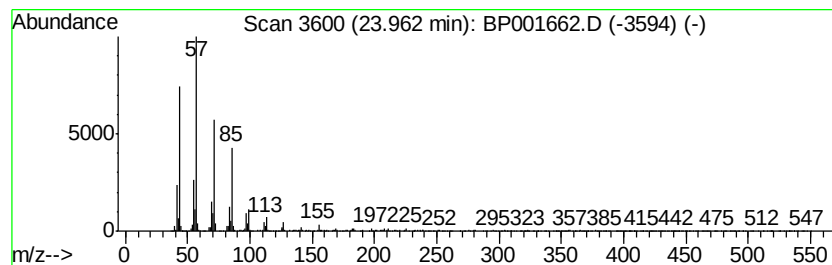
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Eicosane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	7.49 ng	175618	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

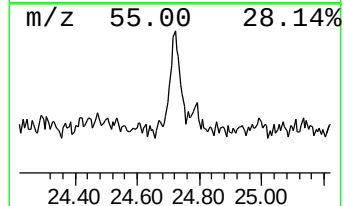
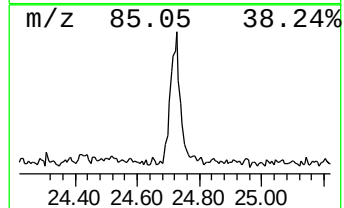
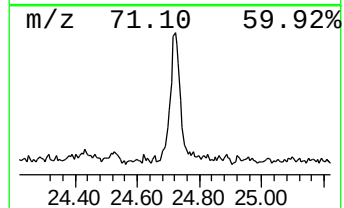
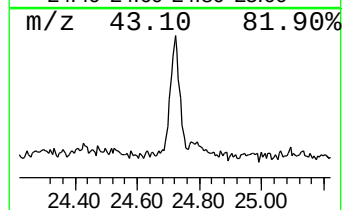
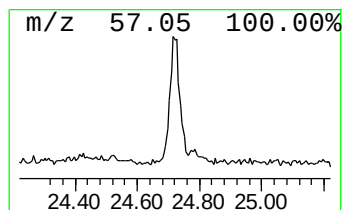
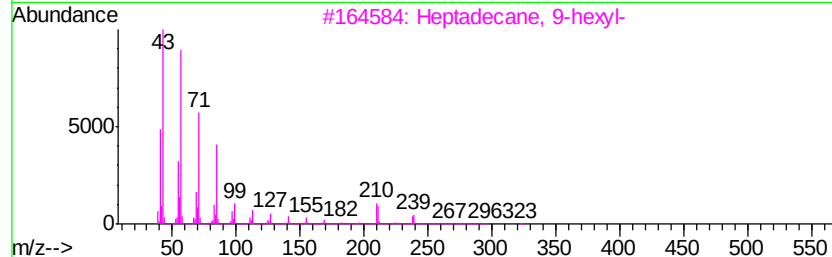
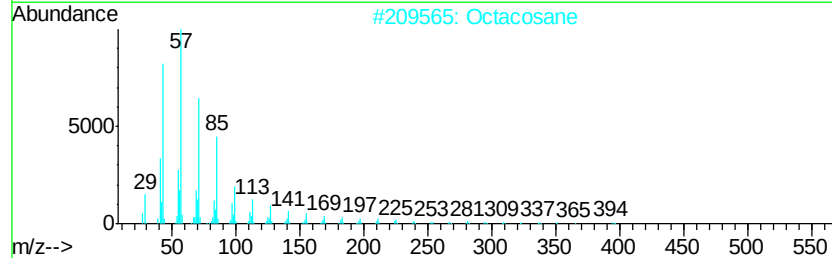
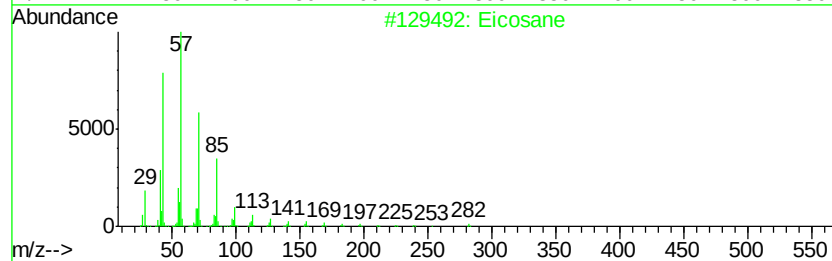
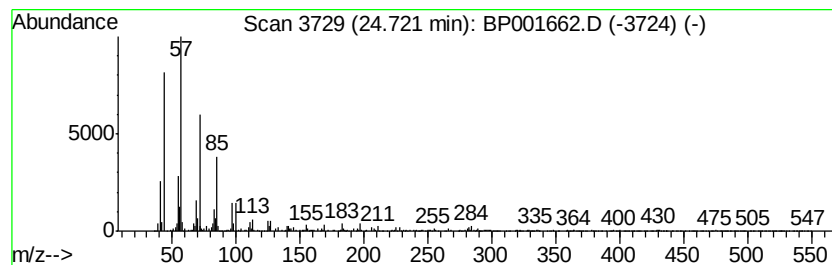
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.41 ng	79958	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	93
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200028

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	18.6	ng	344254	1	7.63	371108	20.0
2-Pentanone, 4-hy...	4.80	19.3	ng	357234	1	7.63	371108	20.0
unknown7.17	7.17	92.9	ng	1724060	1	7.63	371108	20.0
Pentafluoropropio...	20.89	7.3	ng	235290	5	21.14	642809	20.0
Heptadecane	21.32	2.1	ng	68118	5	21.14	642809	20.0
Heptacosane	21.76	4.2	ng	135998	5	21.14	642809	20.0
Heneicosane	22.22	6.5	ng	208370	5	21.14	642809	20.0
Eicosane, 9-octyl-	23.96	7.5	ng	175618	6	23.37	468918	20.0
Eicosane	24.72	3.4	ng	79958	6	23.37	468918	20.0