

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021320\
 Data File : BF118919.D
 Acq On : 13 Feb 2020 14:43
 Operator : CG/JU
 Sample : PB126794BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BL

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_F\METHODS\8270-BF020320.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	2.116	3	5	16	rVB	536954	930217	12.90%	1.992%
2	2.663	86	98	107	rBV	277430	421965	5.85%	0.904%
3	4.375	384	389	395	rVB	65832	82759	1.15%	0.177%
4	4.575	419	423	432	rBV	122319	138552	1.92%	0.297%
5	5.004	485	496	499	rBV	630064	850495	11.79%	1.822%
6	5.028	499	500	508	rVB	173357	124036	1.72%	0.266%
7	5.422	563	567	583	rBV	3391441	3246002	45.02%	6.953%
8	6.434	734	739	742	rBV	3145963	2947136	40.87%	6.313%
9	6.792	796	800	804	rBV	1060622	856666	11.88%	1.835%
10	6.951	823	827	830	rBV	3908321	3467137	48.08%	7.426%
11	7.357	890	896	899	rBV	2593496	2644920	36.68%	5.665%
12	8.075	1014	1018	1033	rBV	1670405	1480404	20.53%	3.171%
13	9.151	1196	1201	1204	rBV	7501841	7210844	100.00%	15.445%
14	9.828	1312	1316	1326	rVB	1916964	1674439	23.22%	3.587%
15	10.616	1445	1450	1468	rBV	3818415	3931793	54.53%	8.422%
16	11.310	1564	1568	1576	rBV	1744820	1557763	21.60%	3.337%
17	11.839	1652	1658	1672	rBV2	77739	139658	1.94%	0.299%
18	12.898	1833	1838	1842	rBV	6612183	7104532	98.53%	15.217%
19	13.798	1985	1991	1996	rBV3	65191	91072	1.26%	0.195%
20	13.951	2010	2017	2026	rBV	1787584	1821692	25.26%	3.902%
21	14.115	2041	2045	2050	rVB	192492	174868	2.43%	0.375%
22	14.415	2092	2096	2101	rBV	333513	350005	4.85%	0.750%
23	14.715	2142	2147	2156	rBV	495666	562394	7.80%	1.205%
24	15.045	2197	2203	2210	rVB	572774	673055	9.33%	1.442%
25	15.392	2256	2262	2276	rBV2	1409606	2468291	34.23%	5.287%
26	15.833	2331	2337	2348	rBV	467175	754529	10.46%	1.616%
27	16.162	2385	2393	2405	rVB6	56869	164824	2.29%	0.353%
28	16.321	2411	2420	2429	rBV	304298	637089	8.84%	1.365%
29	16.892	2511	2517	2527	rBV2	83314	180093	2.50%	0.386%

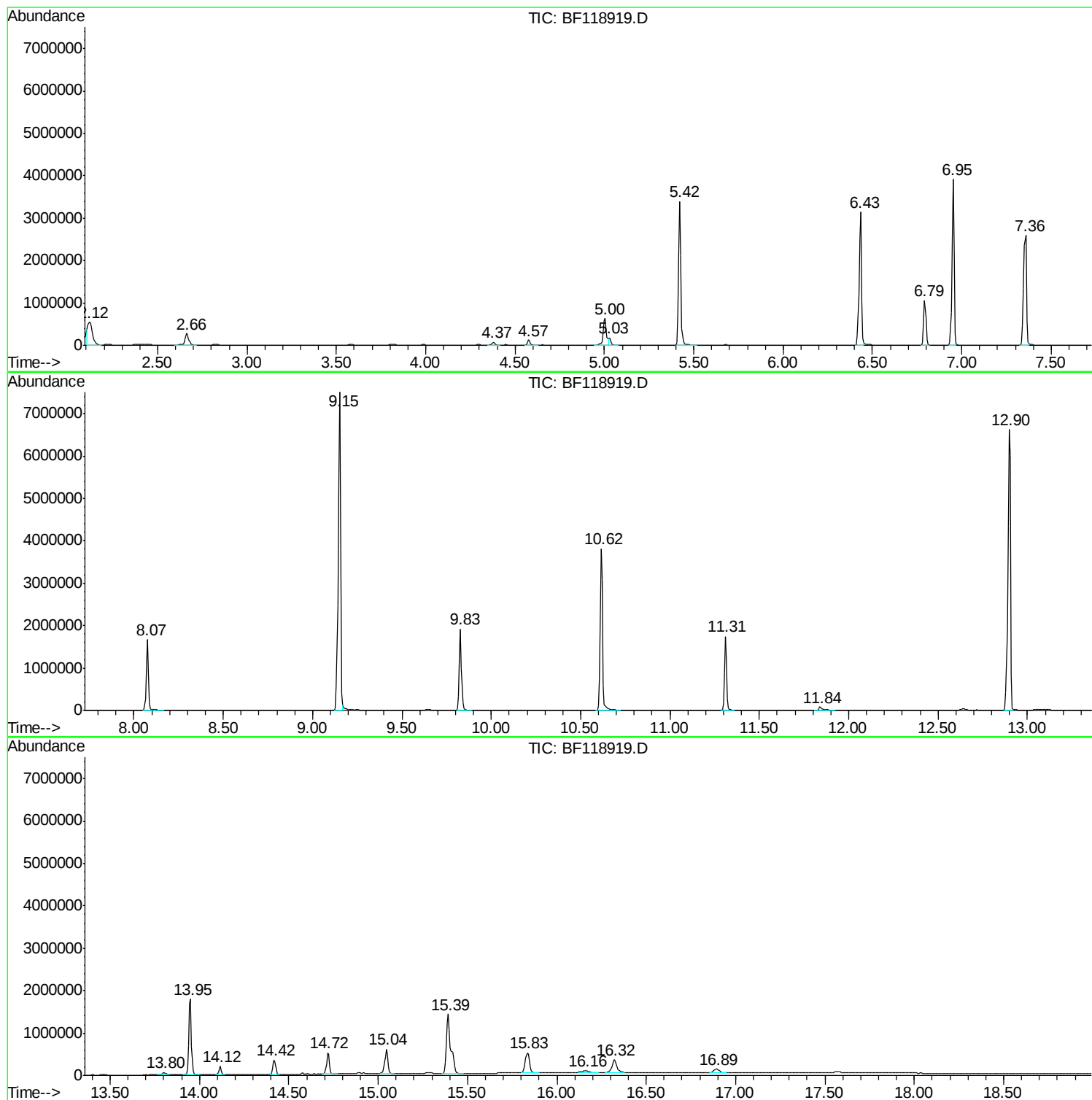
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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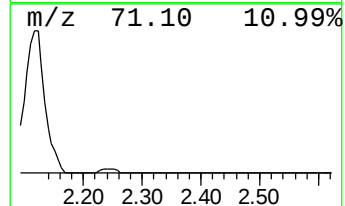
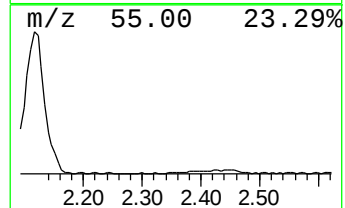
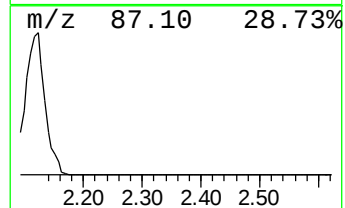
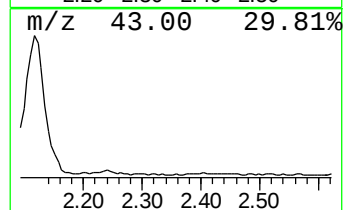
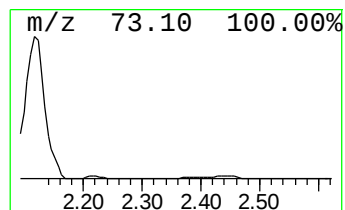
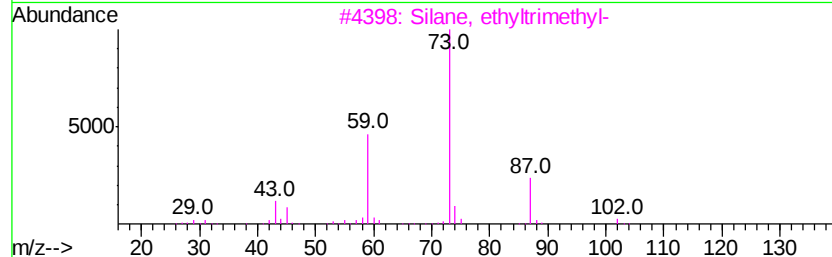
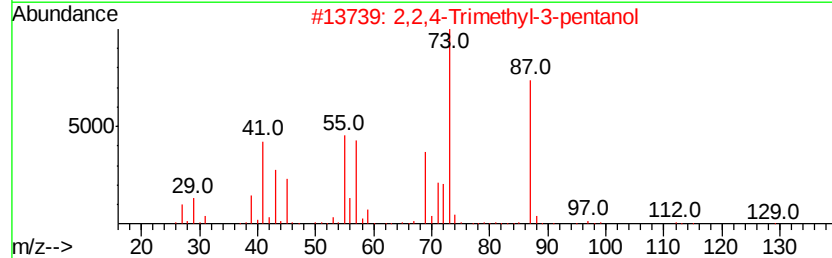
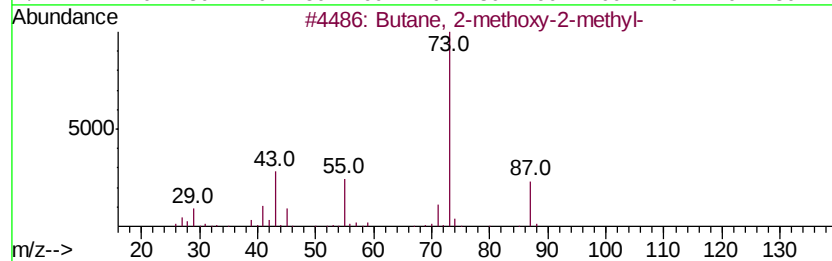
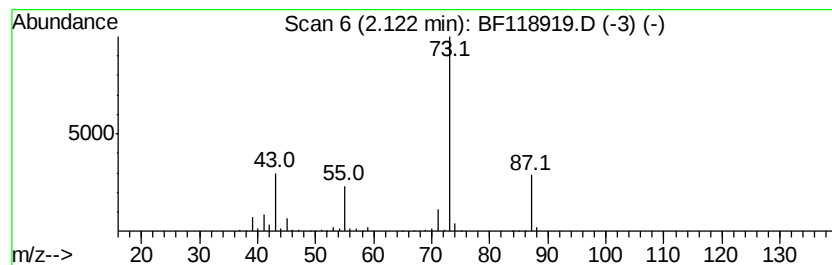
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.72 ng	930217	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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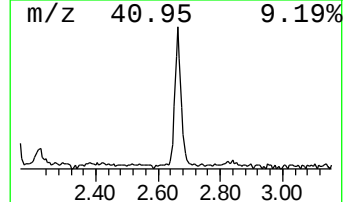
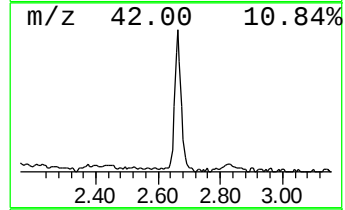
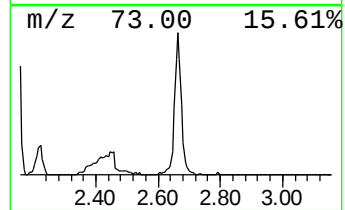
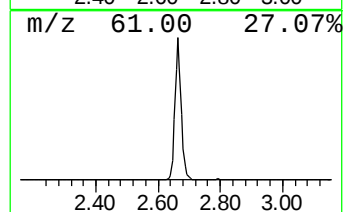
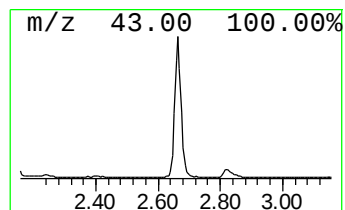
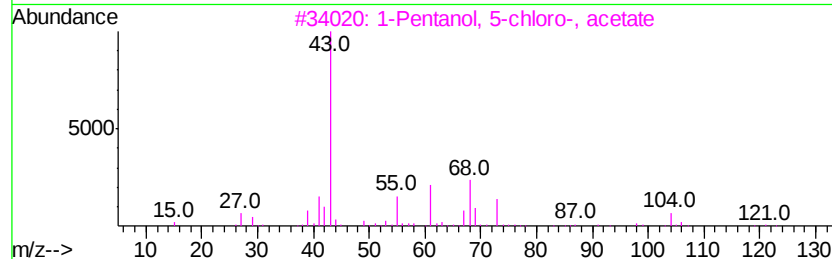
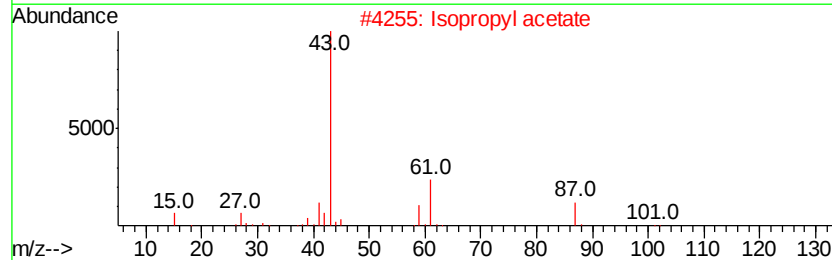
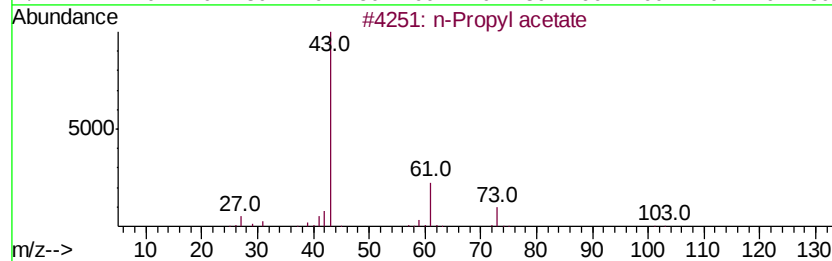
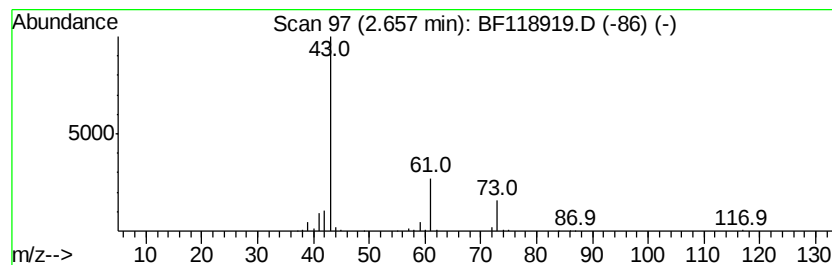
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Peak Number 2 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	9.85 ng	421965	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2		Isopropyl acetate	102	C5H10O2	000108-21-4	36
3		1-Pentanol, 5-chloro-, acetate	164	C7H13ClO2	020395-28-2	9
4		Di-n-propyl ether	102	C6H14O	000111-43-3	9
5		Isobutyl acetate	116	C6H12O2	000110-19-0	9



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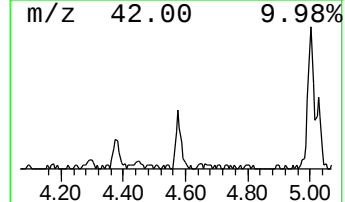
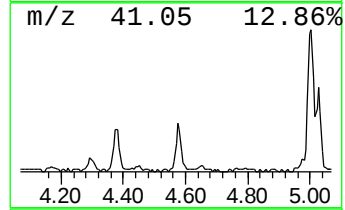
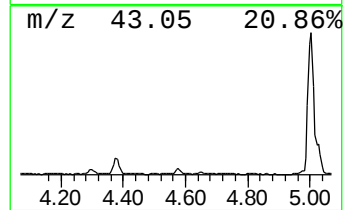
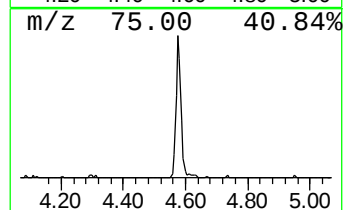
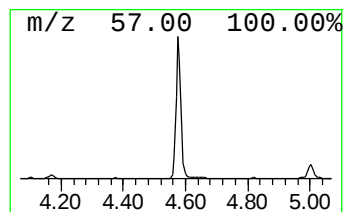
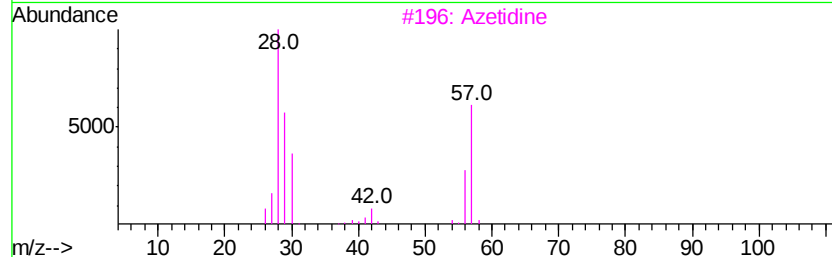
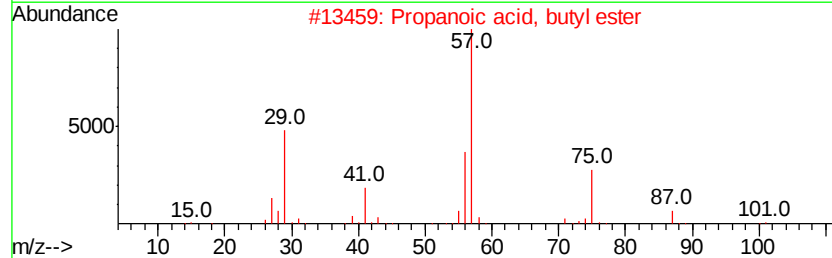
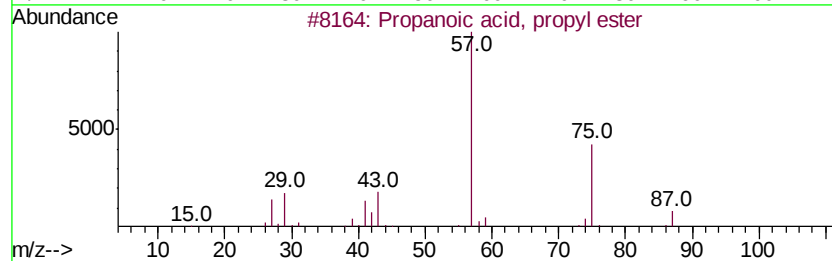
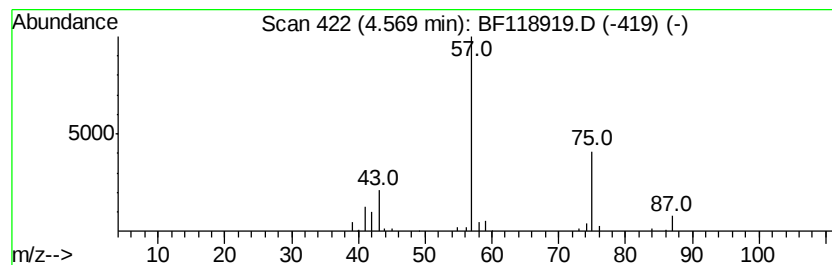
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	3.23 ng	138552	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39
3		Azetidine	57	C3H7N	000503-29-7	9
4		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9
5		Sulfone, 2-hydroxypropyl t-butyl	180	C7H16O3S	154619-05-3	9



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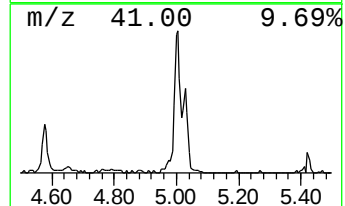
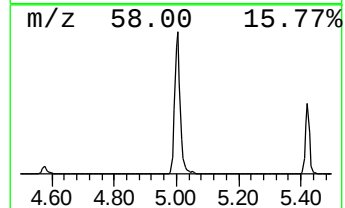
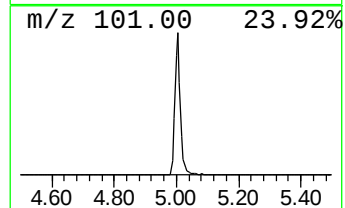
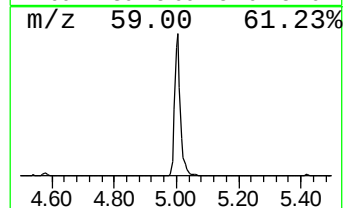
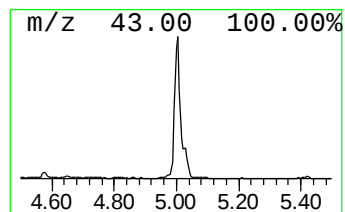
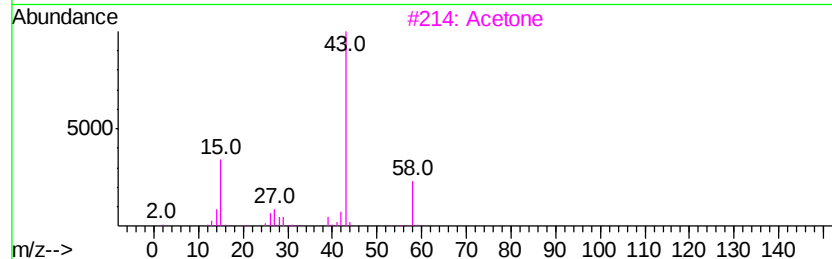
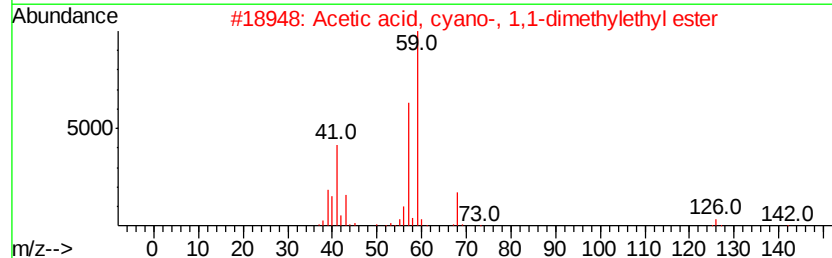
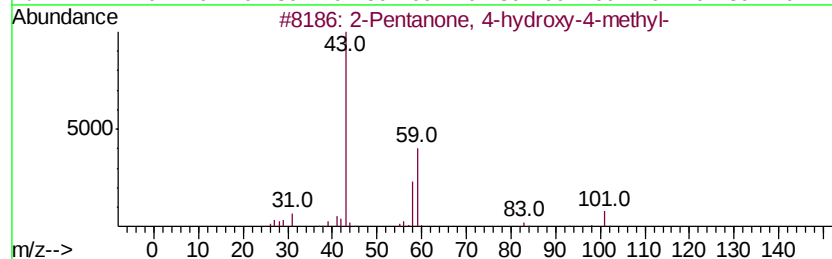
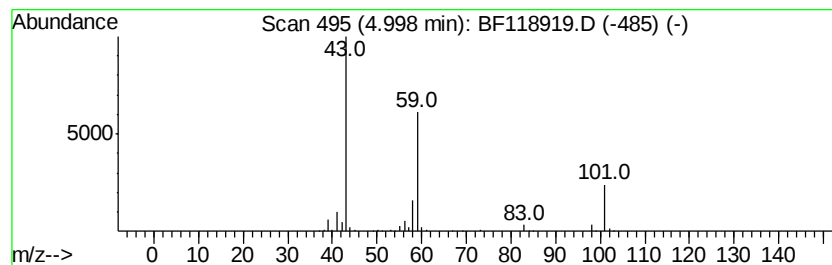
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	19.86 ng	850495	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2		001116-98-9	25
3	Acetone	58	C3H6O		000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2		016504-58-8	9



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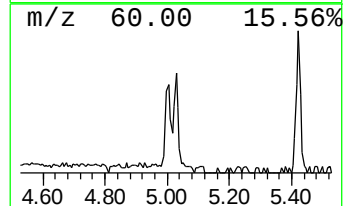
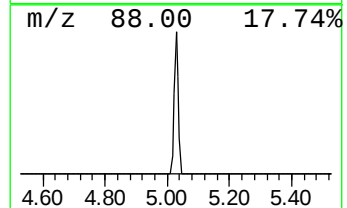
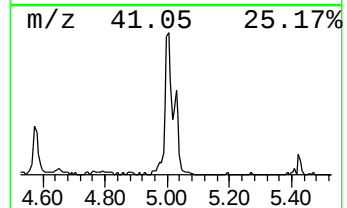
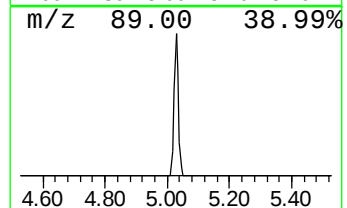
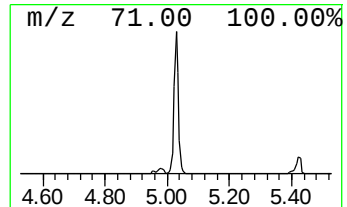
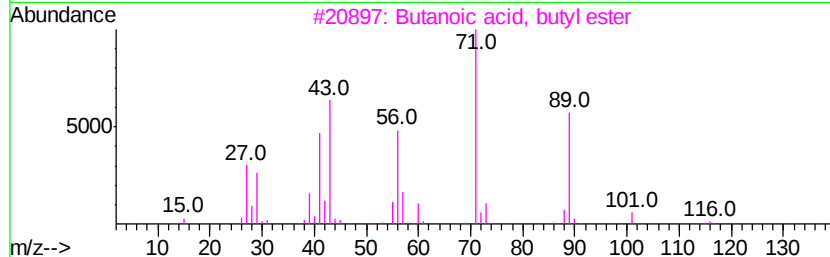
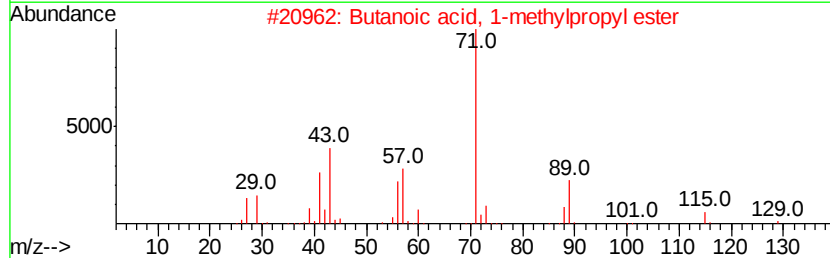
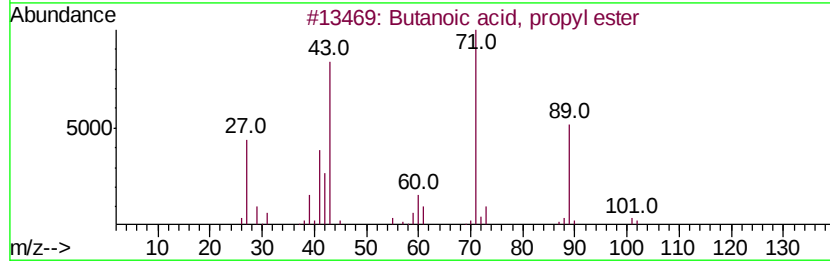
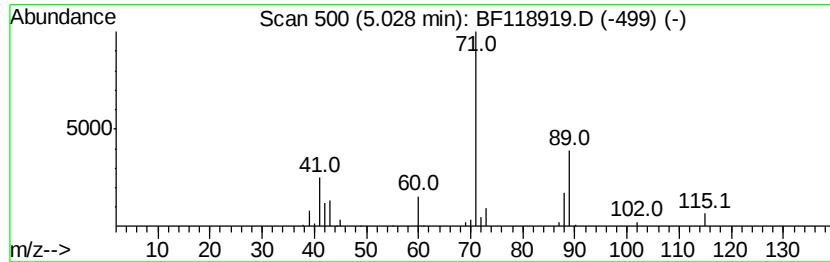
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Peak Number 5 Butanoic acid, propyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	2.90 ng	124036	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	78
2		Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	72
3		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	56
5		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	28



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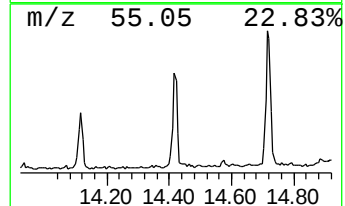
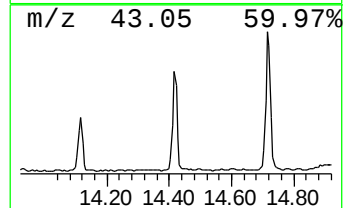
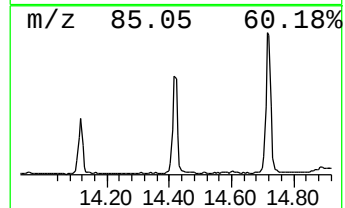
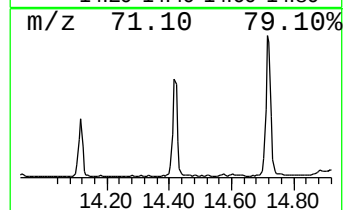
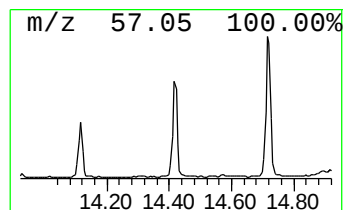
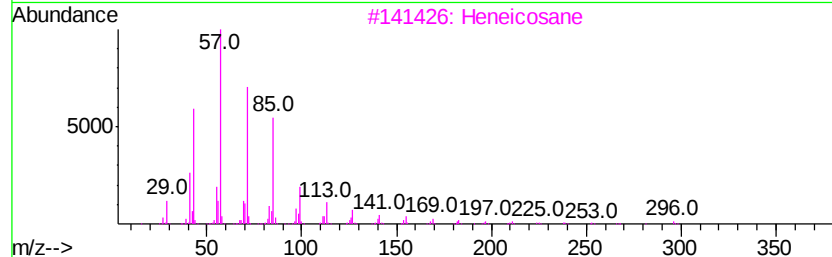
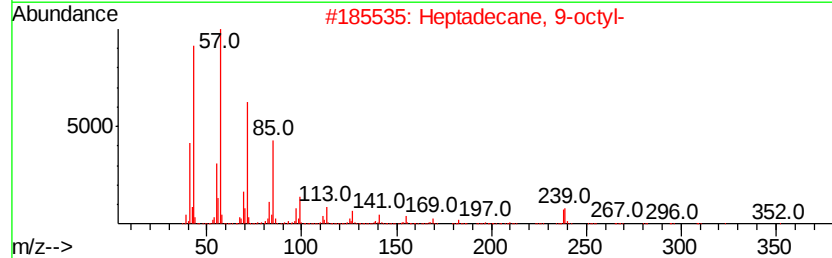
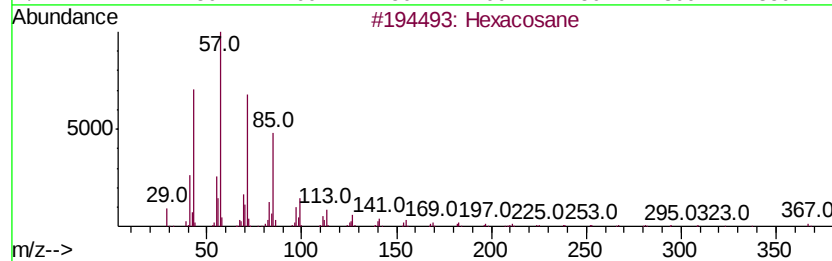
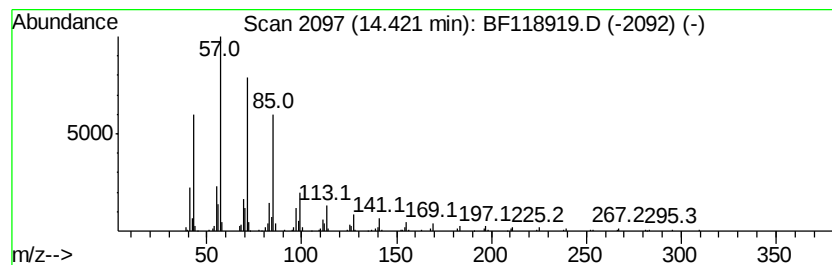
Instrument :
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ClientSampleId :
PB126794BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.42	3.84 ng	350005	Chrysene-d12		13.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118919.D
Acq On : 13 Feb 2020 14:43
Operator : CG/JU
Sample : PB126794BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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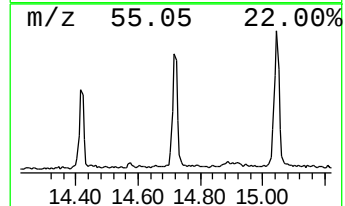
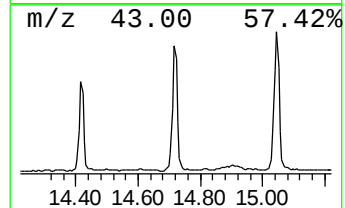
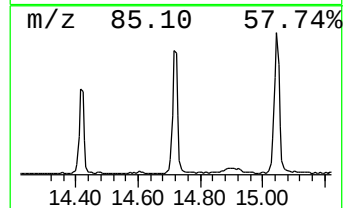
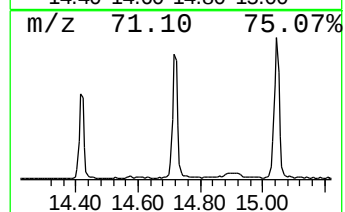
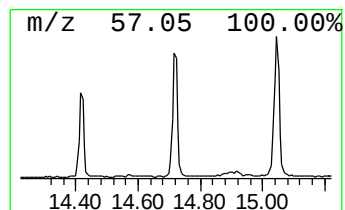
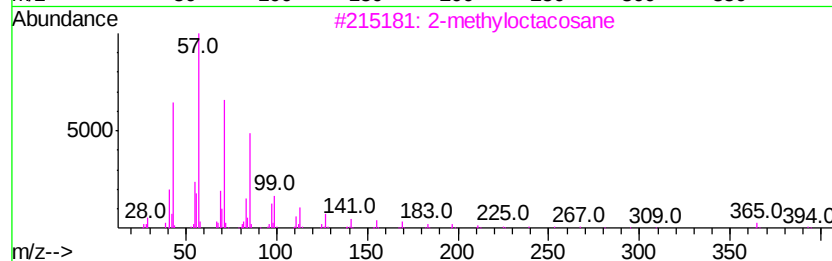
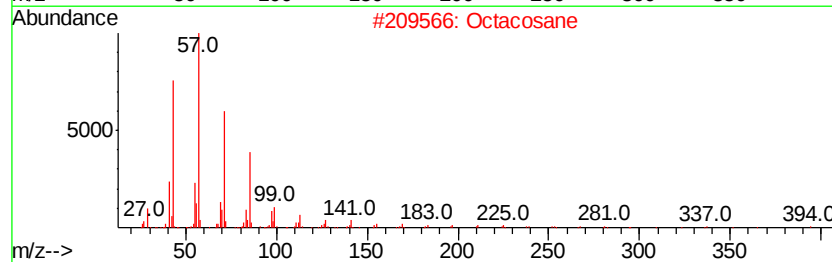
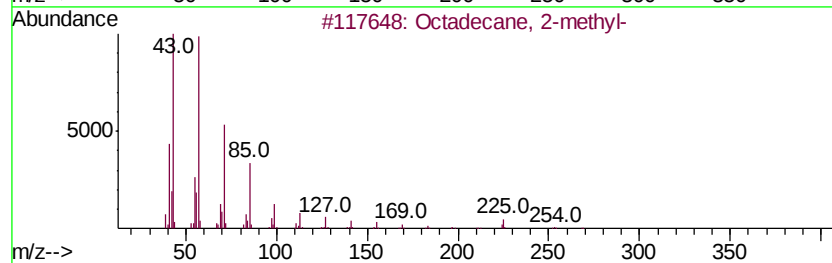
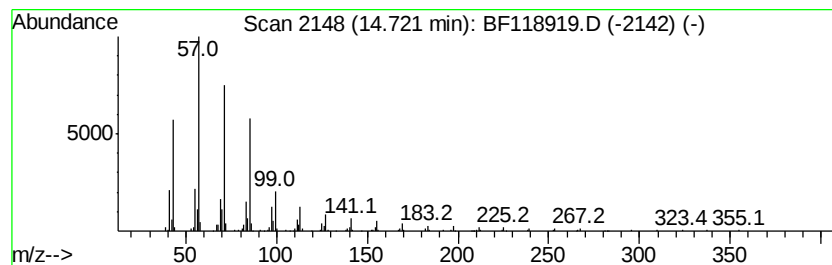
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.56 ng	562394	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118919.D
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Operator : CG/JU
Sample : PB126794BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

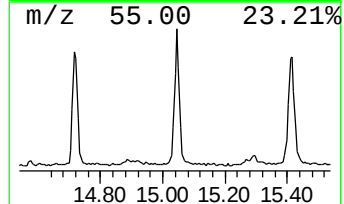
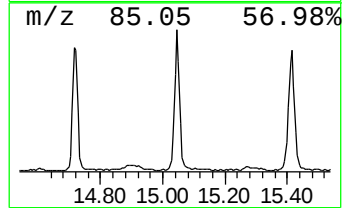
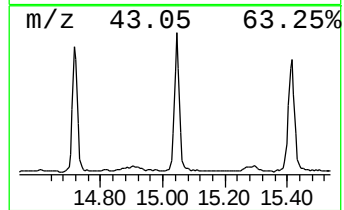
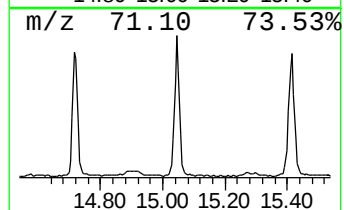
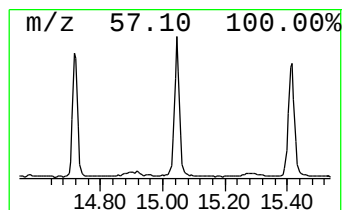
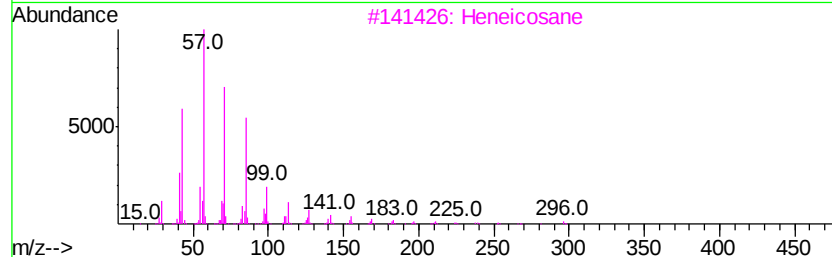
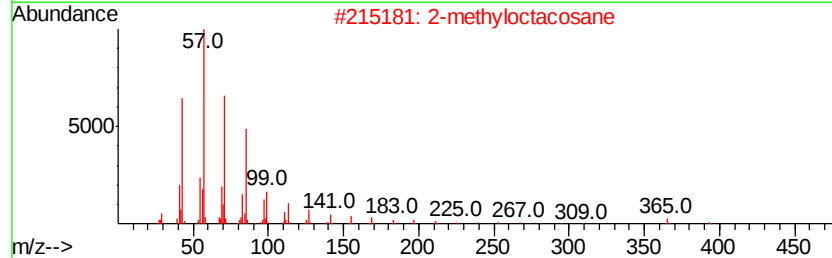
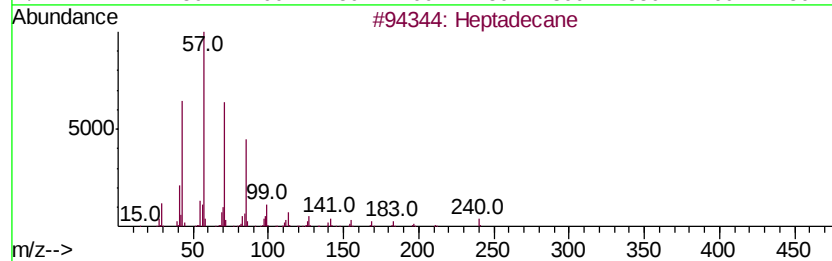
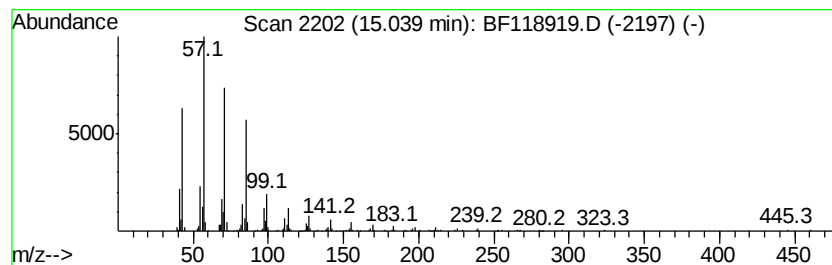
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.04	5.45 ng	673055	Perylene-d12		15.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118919.D
Acq On : 13 Feb 2020 14:43
Operator : CG/JU
Sample : PB126794BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126794BL

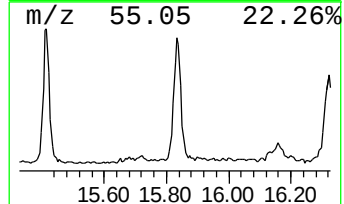
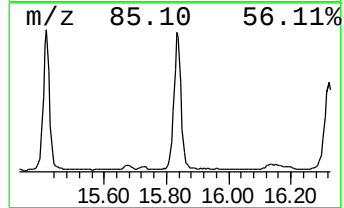
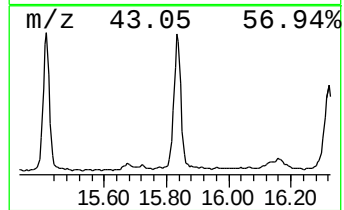
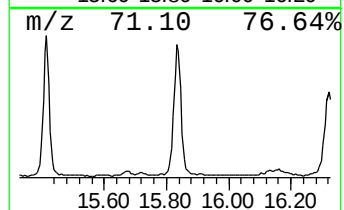
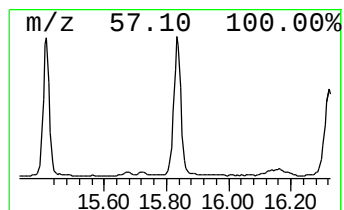
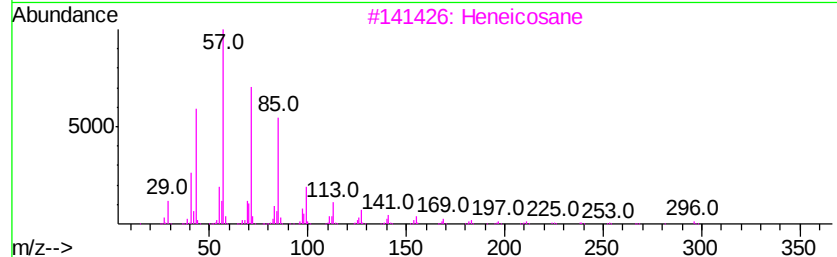
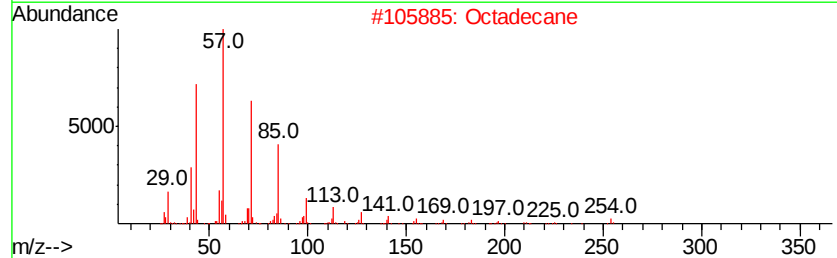
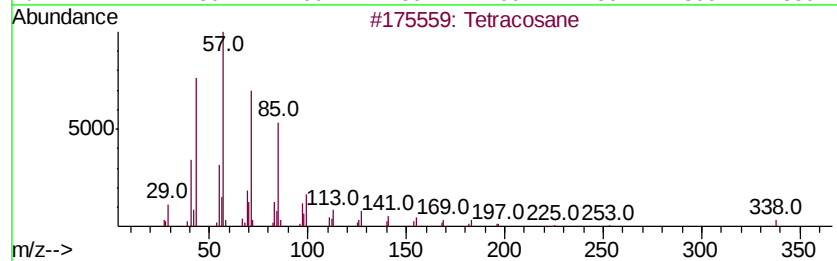
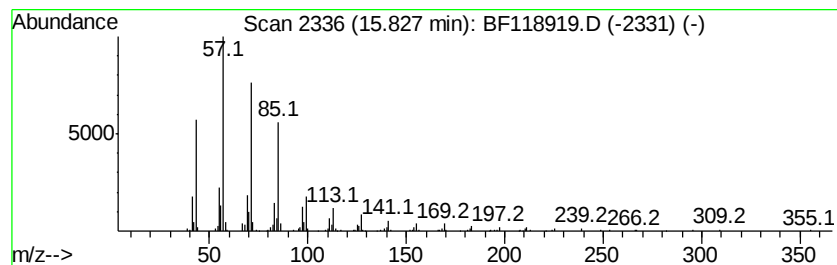
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.11 ng	754529	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118919.D
Acq On : 13 Feb 2020 14:43
Operator : CG/JU
Sample : PB126794BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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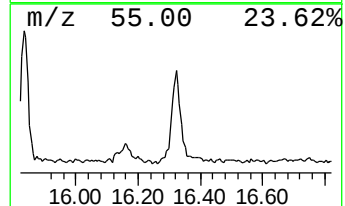
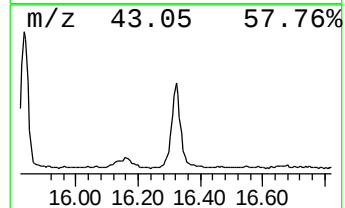
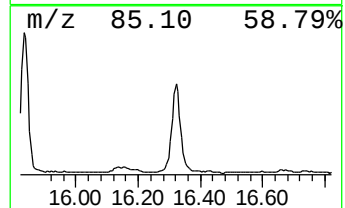
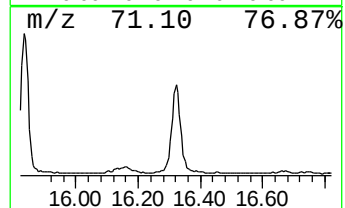
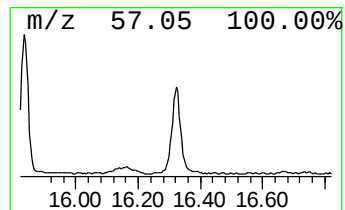
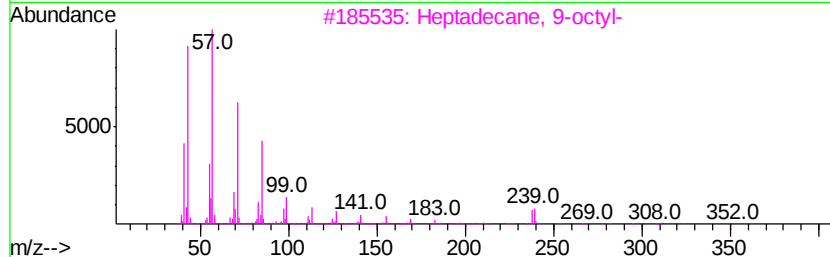
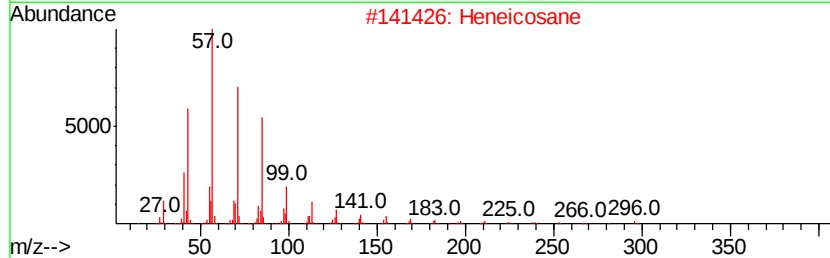
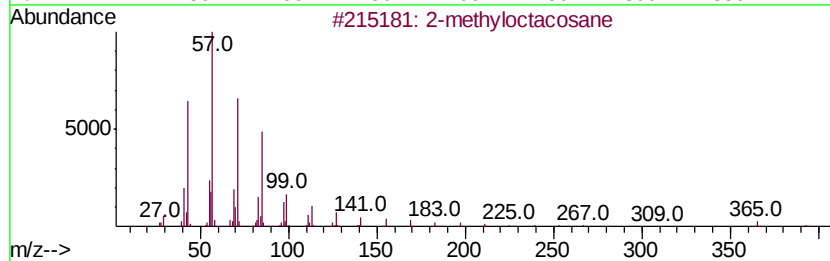
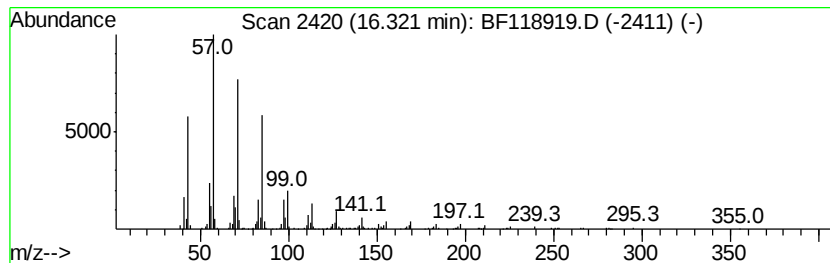
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	5.16 ng	637089	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021320\
 Data File : BF118919.D
 Acq On : 13 Feb 2020 14:43
 Operator : CG/JU
 Sample : PB126794BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Propyl acetate	2.66	9.8	ng	421965	1	6.79	856666	20.0
Propanoic acid, p...	4.57	3.2	ng	138552	1	6.79	856666	20.0
2-Pentanone, 4-hy...	5.00	19.9	ng	850495	1	6.79	856666	20.0
Butanoic acid, pr...	5.03	2.9	ng	124036	1	6.79	856666	20.0
Hexacosane	14.42	3.8	ng	350005	5	13.95	1821690	20.0
Octadecane, 2-met...	14.72	4.6	ng	562394	6	15.39	2468290	20.0
Heptadecane	15.04	5.5	ng	673055	6	15.39	2468290	20.0
Tetracosane	15.83	6.1	ng	754529	6	15.39	2468290	20.0
2-methyloctacosane	16.32	5.2	ng	637089	6	15.39	2468290	20.0