

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094823.D
 Acq On : 3 May 2017 8:20
 Operator : SJ/MA
 Sample : I2933-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	2.249	49	53	64	rVB	26761	42066	6.28%	0.810%
2	4.001	345	351	356	rVB3	4423	6817	1.02%	0.131%
3	4.119	365	371	377	rBV2	9975	16645	2.49%	0.321%
4	4.413	417	421	428	rBV2	11271	18837	2.81%	0.363%
5	5.019	521	524	529	rBV	53551	79306	11.84%	1.528%
6	5.072	530	533	542	rVB2	35830	53959	8.06%	1.039%
7	7.731	980	985	999	rBV	394563	468044	69.89%	9.016%
8	7.972	1022	1026	1035	rVB	24662	36155	5.40%	0.696%
9	8.136	1050	1054	1062	rVB	19665	27417	4.09%	0.528%
10	8.636	1135	1139	1147	rBV2	11972	22888	3.42%	0.441%
11	9.748	1323	1328	1331	rBV	574233	649457	96.98%	12.510%
12	9.778	1331	1333	1345	rVV	275641	345403	51.58%	6.653%
13	9.872	1345	1349	1356	rVB	11782	18094	2.70%	0.349%
14	10.913	1523	1526	1533	rBV	24925	34804	5.20%	0.670%
15	11.066	1544	1552	1561	rBV	19683	30729	4.59%	0.592%
16	11.525	1623	1630	1635	rBV	37500	44752	6.68%	0.862%
17	12.213	1743	1747	1756	rBV	104268	140042	20.91%	2.698%
18	12.348	1766	1770	1776	rVB	14938	17487	2.61%	0.337%
19	12.577	1804	1809	1825	rBV2	491026	669708	100.00%	12.900%
20	12.924	1865	1868	1874	rBV	7326	10763	1.61%	0.207%
21	13.424	1949	1953	1959	rVB	14221	16323	2.44%	0.314%
22	13.477	1959	1962	1971	rBV	11350	14949	2.23%	0.288%
23	14.201	2081	2085	2088	rBV	16889	19565	2.92%	0.377%
24	14.930	2204	2209	2212	rBV	10845	12606	1.88%	0.243%
25	14.977	2212	2217	2231	rVB	457028	569505	85.04%	10.970%
26	15.177	2248	2251	2257	rBV2	5564	8481	1.27%	0.163%
27	15.948	2379	2382	2391	rBB2	8979	12983	1.94%	0.250%
28	16.989	2555	2559	2565	rBV	12292	19114	2.85%	0.368%
29	17.042	2565	2568	2576	rVB2	3799	7788	1.16%	0.150%
30	17.154	2584	2587	2592	rVB	18092	16988	2.54%	0.327%
31	17.301	2608	2612	2617	rVB	44378	45681	6.82%	0.880%
32	17.548	2651	2654	2660	rVB	5487	7361	1.10%	0.142%
33	18.083	2738	2745	2748	rBV	12870	13617	2.03%	0.262%
34	18.642	2835	2840	2849	rBV	469686	524928	78.38%	10.111%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.965	2889	2895	2899	rVB3	3519	6771	1.01%	0.130%
36	19.712	3018	3022	3026	rBV2	13729	15848	2.37%	0.305%
37	20.071	3078	3083	3087	rBV	31833	37125	5.54%	0.715%
38	20.306	3118	3123	3133	rBV	349319	407939	60.91%	7.858%
39	20.412	3137	3141	3148	rVB	68387	82213	12.28%	1.584%
40	20.794	3201	3206	3214	rBV	84337	117242	17.51%	2.258%
41	21.159	3261	3268	3270	rBV6	4179	9104	1.36%	0.175%
42	21.224	3272	3279	3285	rBV	91018	143227	21.39%	2.759%
43	21.589	3338	3341	3345	rBV5	5185	7420	1.11%	0.143%
44	21.718	3357	3363	3370	rVB	53817	103292	15.42%	1.990%
45	22.300	3455	3462	3469	rBV3	41763	94839	14.16%	1.827%
46	22.977	3569	3577	3585	rBV5	27271	70253	10.49%	1.353%
47	23.777	3705	3713	3726	rVB7	21272	72964	10.89%	1.405%

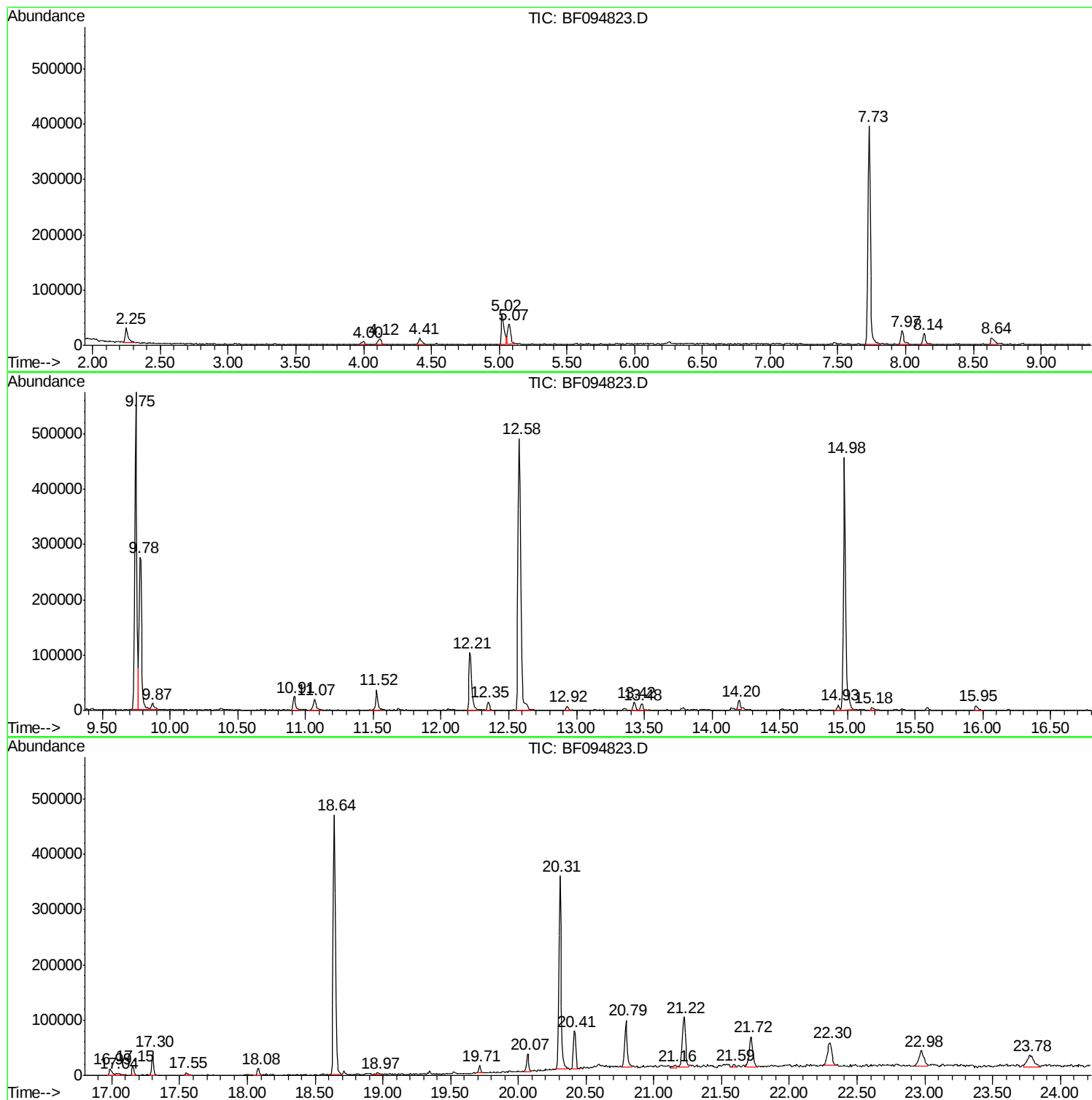
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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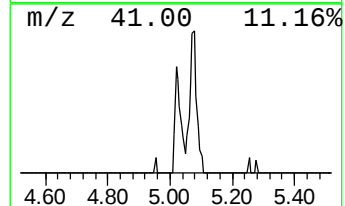
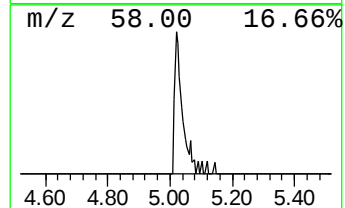
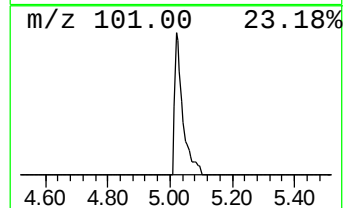
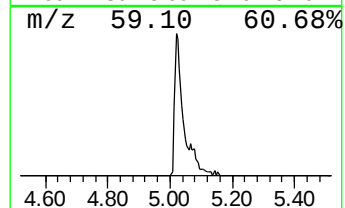
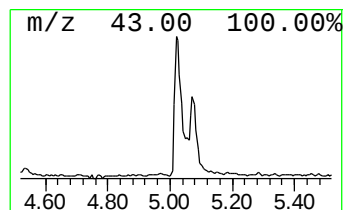
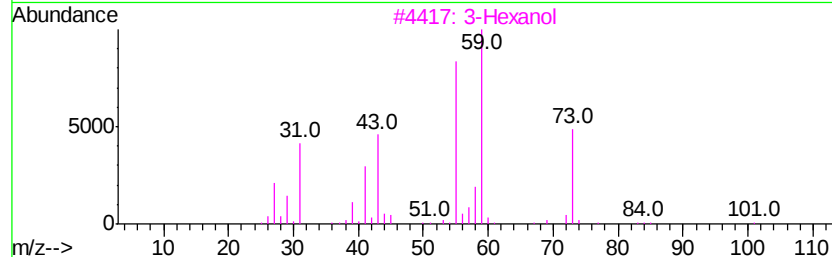
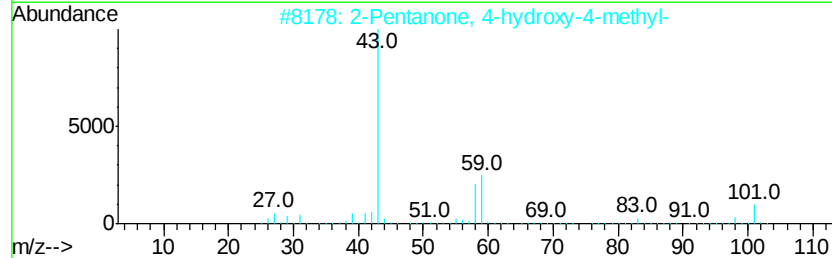
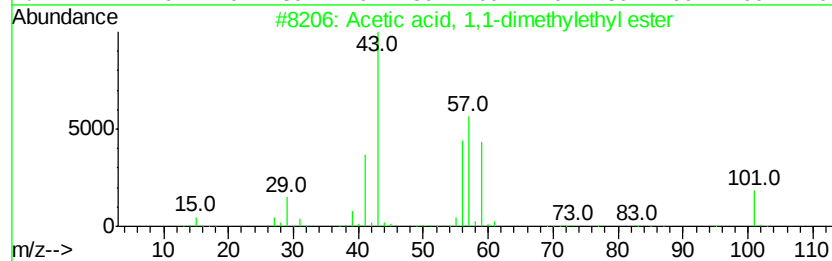
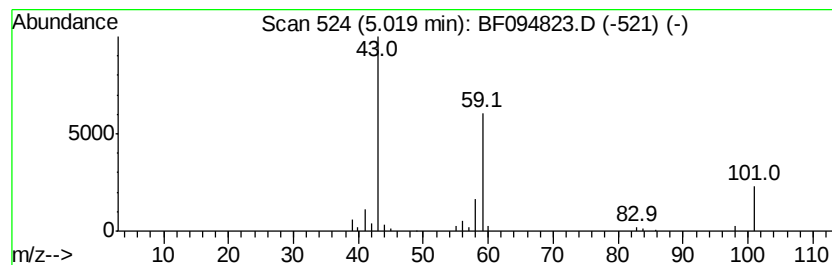
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.39 ng	79306	1,4-Dichlorobenzene-d4	7.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	56	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
3	3-Hexanol	102	C6H14O	000623-37-0	33	
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17	



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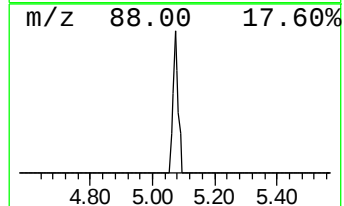
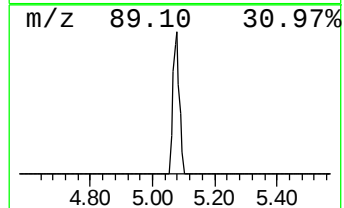
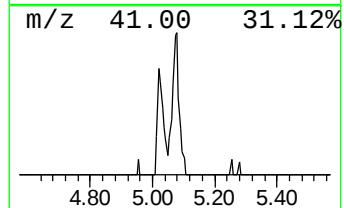
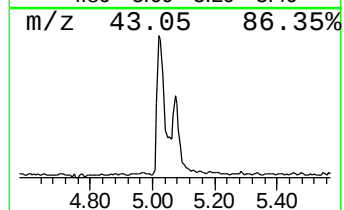
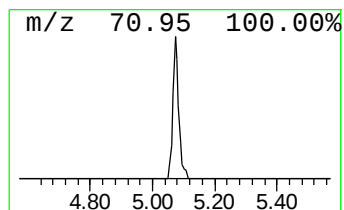
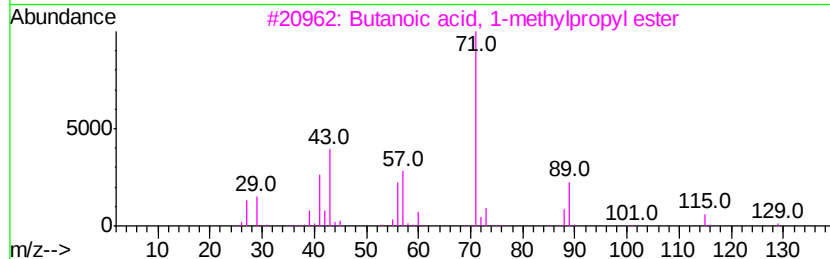
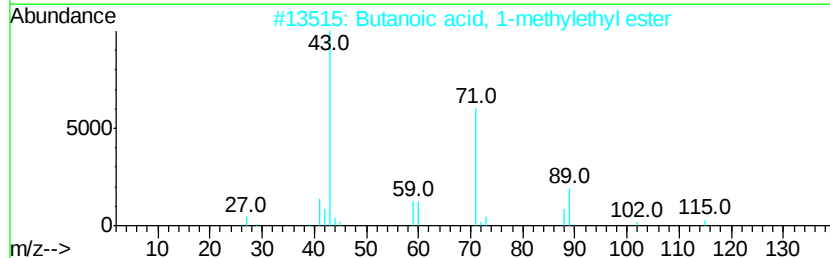
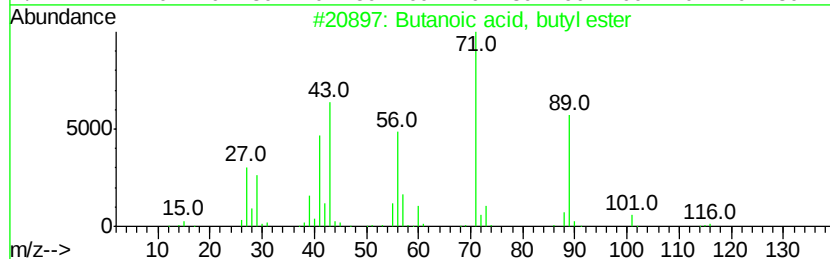
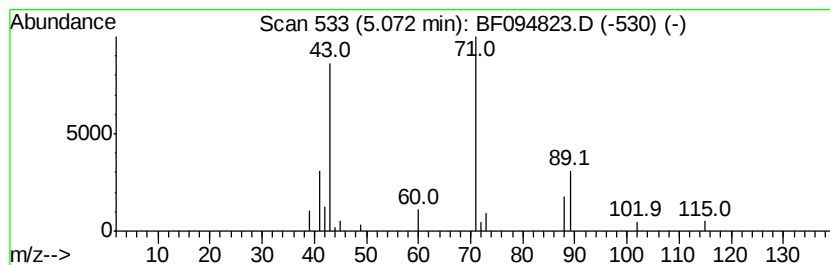
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Butanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.31 ng	53959	1,4-Dichlorobenzene-d4	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2			Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	59
3			Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	56
4			Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
5			Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	38



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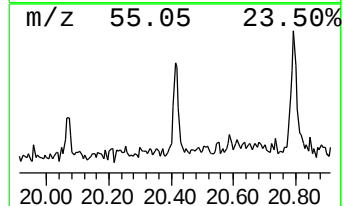
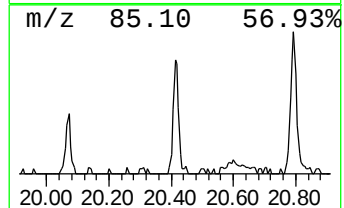
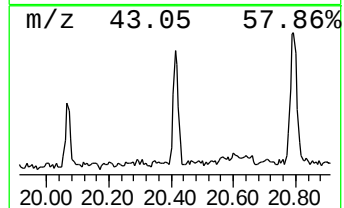
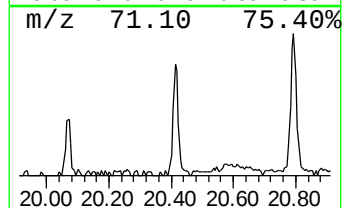
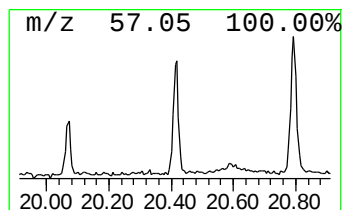
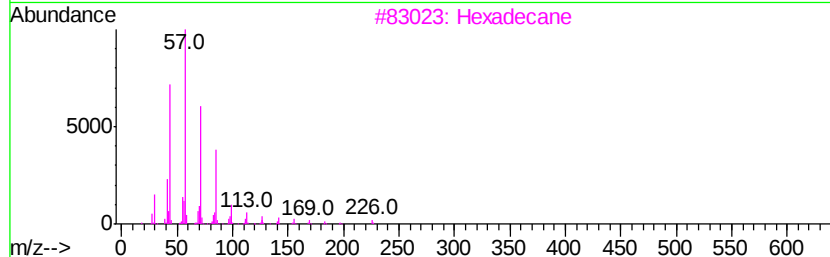
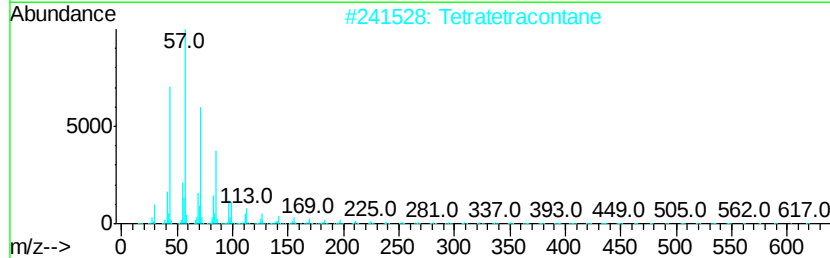
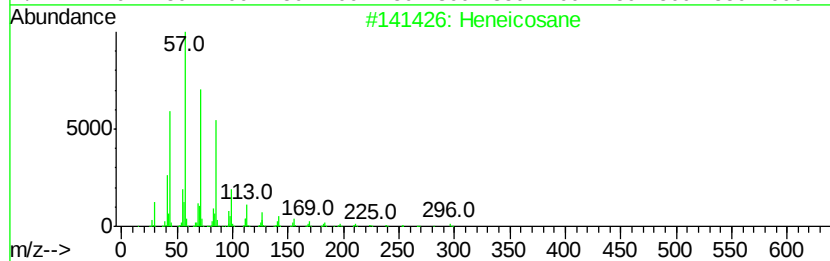
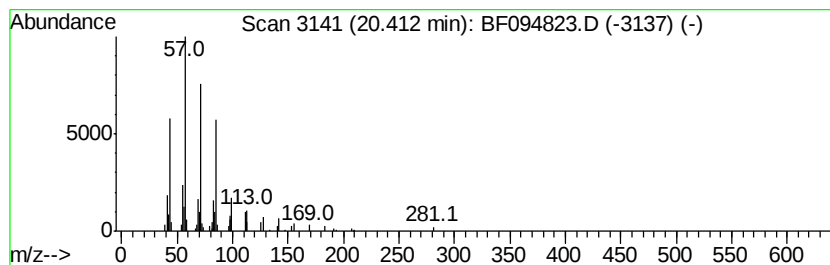
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	4.03 ng	82213	Perylene-d12	20.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Heptadecane		240	C17H36	000629-78-7	87
5	Tetracosane		338	C24H50	000646-31-1	87



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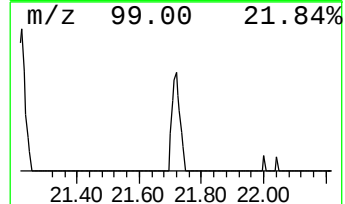
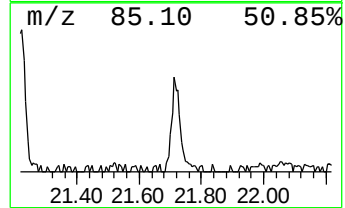
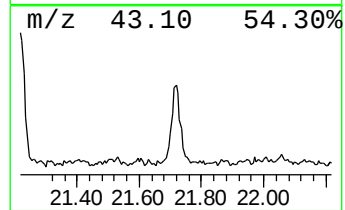
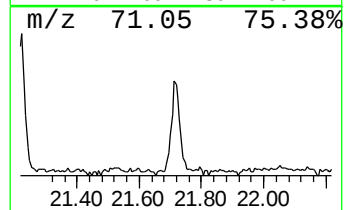
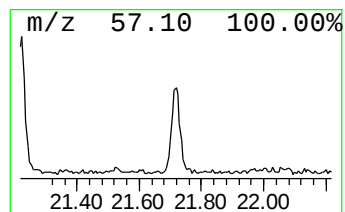
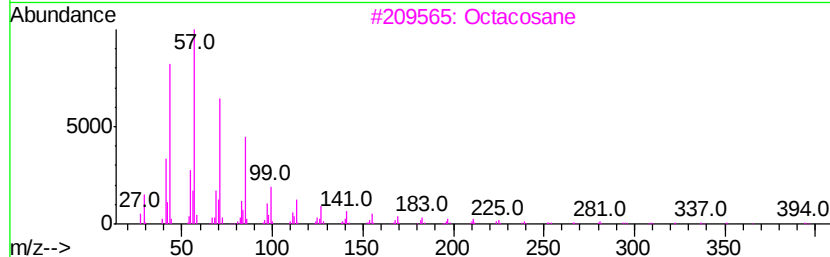
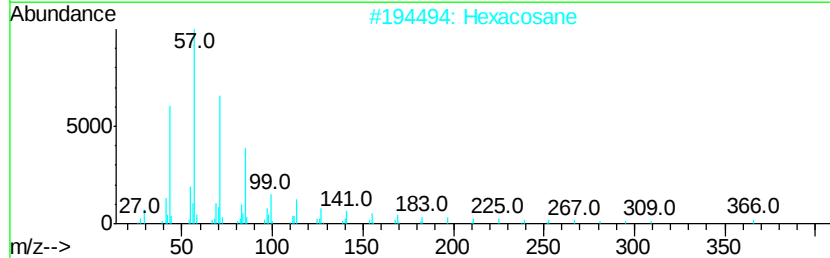
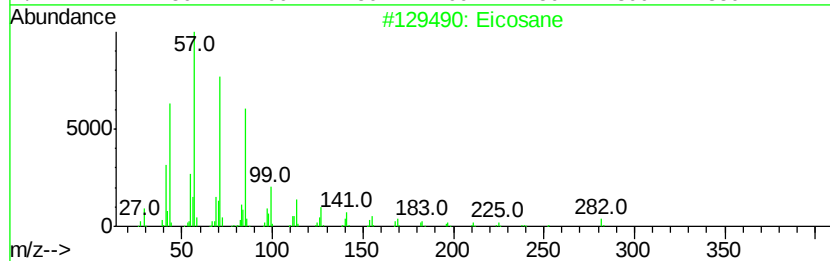
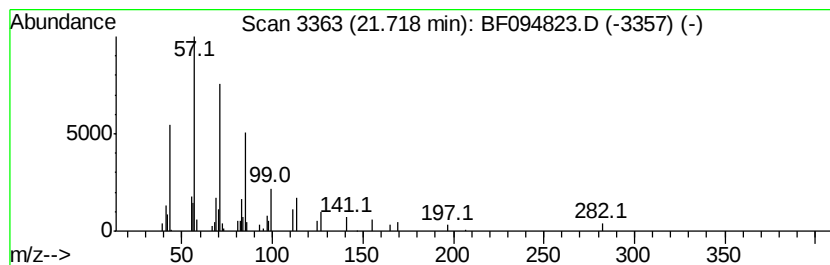
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	5.06 ng	103292	Perylene-d12	20.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Heptacosane		380	C27H56	000593-49-7	90
5	Triacontane		422	C30H62	000638-68-6	90



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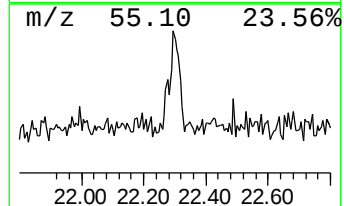
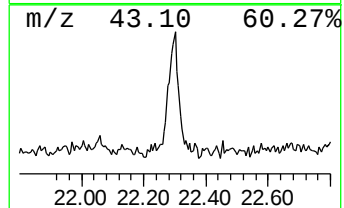
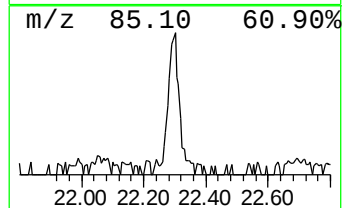
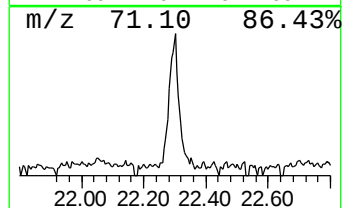
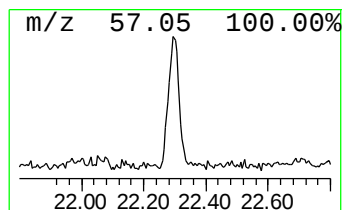
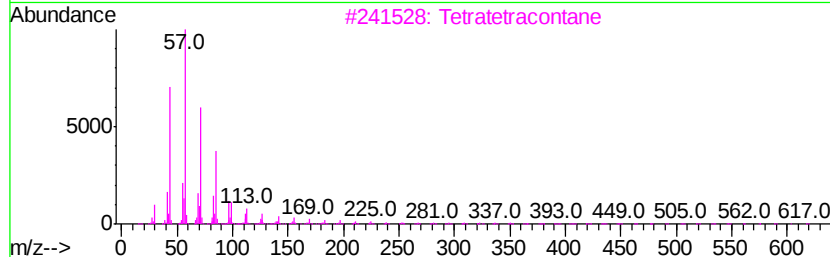
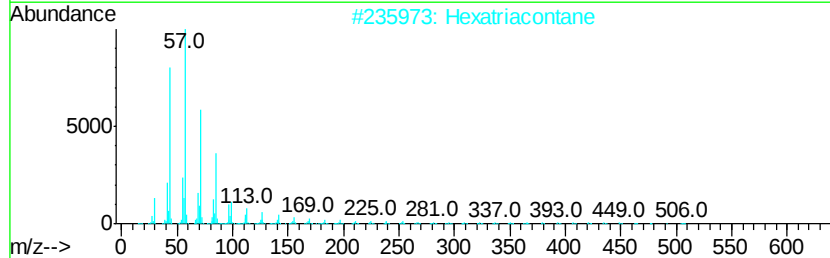
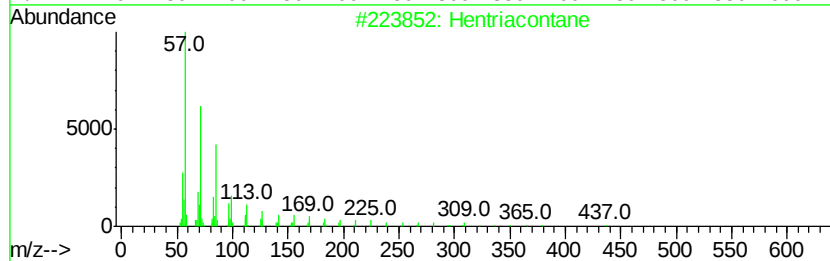
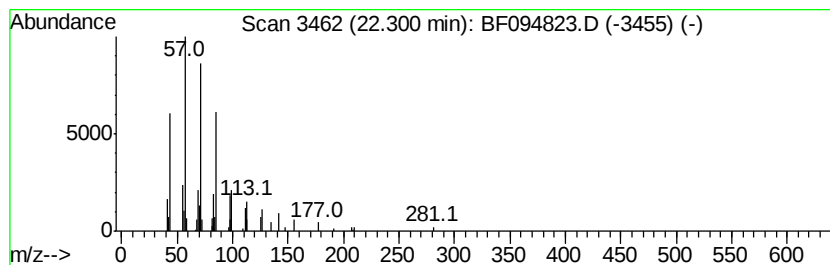
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.65 ng	94839	Perylene-d12	20.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Hexatriacontane		507	C36H74	000630-06-8	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094823.D
Acq On : 3 May 2017 8:20
Operator : SJ/MA
Sample : I2933-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4

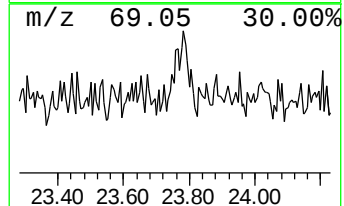
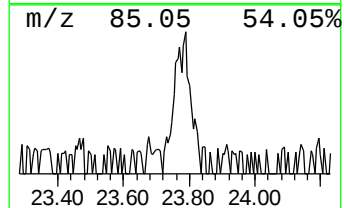
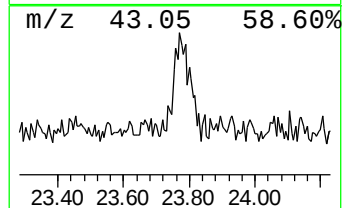
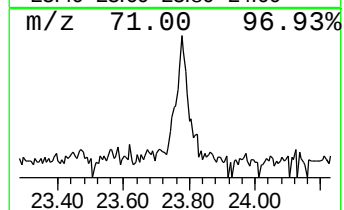
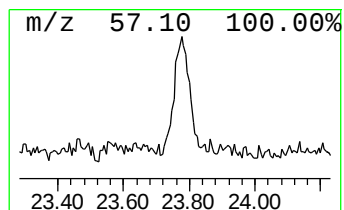
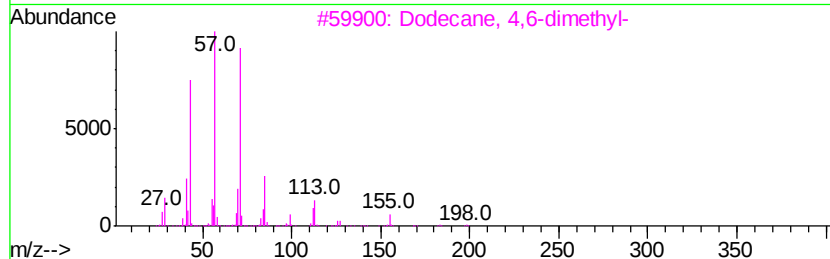
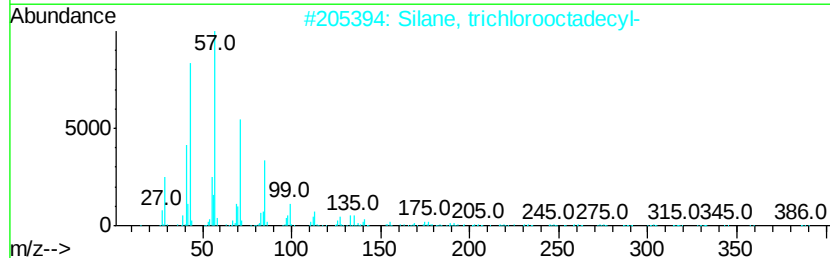
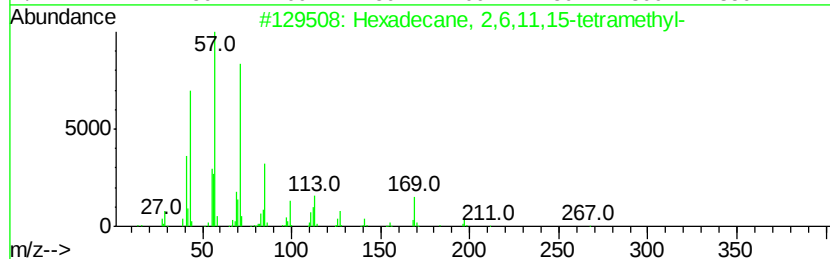
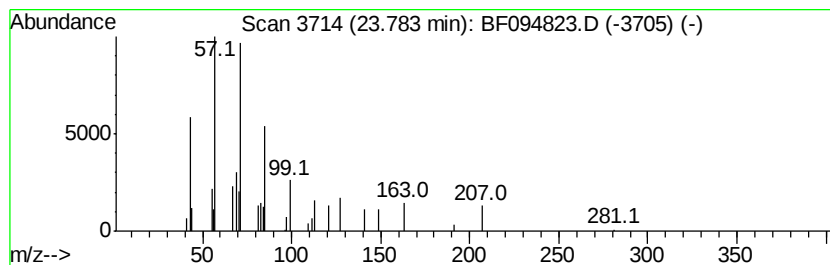
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 2,6,11,15-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.58 ng	72964	Perylene-d12	20.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	47
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094823.D
Acq On : 3 May 2017 8:20
Operator : SJ/MA
Sample : I2933-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
Acetic acid, 1,1-...	5.02	3.4	ng	79306	1	7.73	468044	20.0
Butanoic acid, bu...	5.07	2.3	ng	53959	1	7.73	468044	20.0
Heneicosane	20.41	4.0	ng	82213	6	20.31	407939	20.0
Eicosane	21.72	5.1	ng	103292	6	20.31	407939	20.0
Hentriacontane	22.30	4.7	ng	94839	6	20.31	407939	20.0
Hexadecane, 2,6,1...	23.78	3.6	ng	72964	6	20.31	407939	20.0