

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001513.D
 Acq On : 03 Jan 2020 18:24
 Operator : JU
 Sample : K6471-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B5

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-BP010320.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	2.928	18	24	31	rBV	65058	123553	5.39%	0.518%
2	3.028	36	41	53	rVB	314333	400357	17.46%	1.680%
3	4.946	360	367	380	rVB	255133	365657	15.95%	1.534%
4	5.352	428	436	448	rBV	1115239	1605033	70.01%	6.733%
5	6.928	696	704	715	rBV	1128310	1772702	77.33%	7.437%
6	7.257	753	760	768	rBV	1076220	1681107	73.33%	7.052%
7	7.699	827	835	845	rBV	305911	478393	20.87%	2.007%
8	8.022	880	890	899	rVB	820238	1313340	57.29%	5.510%
9	8.857	1024	1032	1041	rBV	645044	1038611	45.30%	4.357%
10	10.481	1298	1308	1314	rBV	366369	606937	26.48%	2.546%
11	12.963	1724	1730	1737	rBV	1283180	1969273	85.90%	8.261%
12	13.834	1873	1878	1884	rVB	65272	90208	3.93%	0.378%
13	14.234	1941	1946	1952	rBV2	19756	40408	1.76%	0.170%
14	14.345	1958	1965	1971	rBV	496054	754844	32.93%	3.167%
15	14.828	2043	2047	2054	rBV3	27873	48768	2.13%	0.205%
16	15.845	2213	2220	2227	rBV	1022133	1456085	63.52%	6.108%
17	17.098	2428	2433	2438	rBV	623024	889139	38.78%	3.730%
18	17.139	2438	2440	2445	rVB	90738	116458	5.08%	0.489%
19	17.233	2453	2456	2461	rVB2	26924	43357	1.89%	0.182%
20	18.057	2591	2596	2600	rVV	301131	414196	18.07%	1.738%
21	18.104	2601	2604	2610	rVB	88996	117431	5.12%	0.493%
22	19.122	2773	2777	2781	rVB	223439	273336	11.92%	1.147%
23	19.286	2803	2805	2813	rVB4	56458	66706	2.91%	0.280%
24	19.469	2833	2836	2840	rVB	200620	244649	10.67%	1.026%
25	19.686	2868	2873	2879	rBV	1909780	2292489	100.00%	9.617%
26	20.951	3085	3088	3096	rBV3	565670	703455	30.69%	2.951%
27	21.198	3126	3130	3134	rVB	713216	886415	38.67%	3.719%
28	21.392	3160	3163	3167	rVB	298597	305852	13.34%	1.283%
29	21.839	3236	3239	3247	rVB2	522995	691329	30.16%	2.900%
30	22.316	3317	3320	3324	rVB	575869	695000	30.32%	2.916%
31	22.845	3406	3410	3414	rVB	560758	745306	32.51%	3.127%
32	23.445	3507	3512	3520	rVB2	629673	1607252	70.11%	6.742%

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

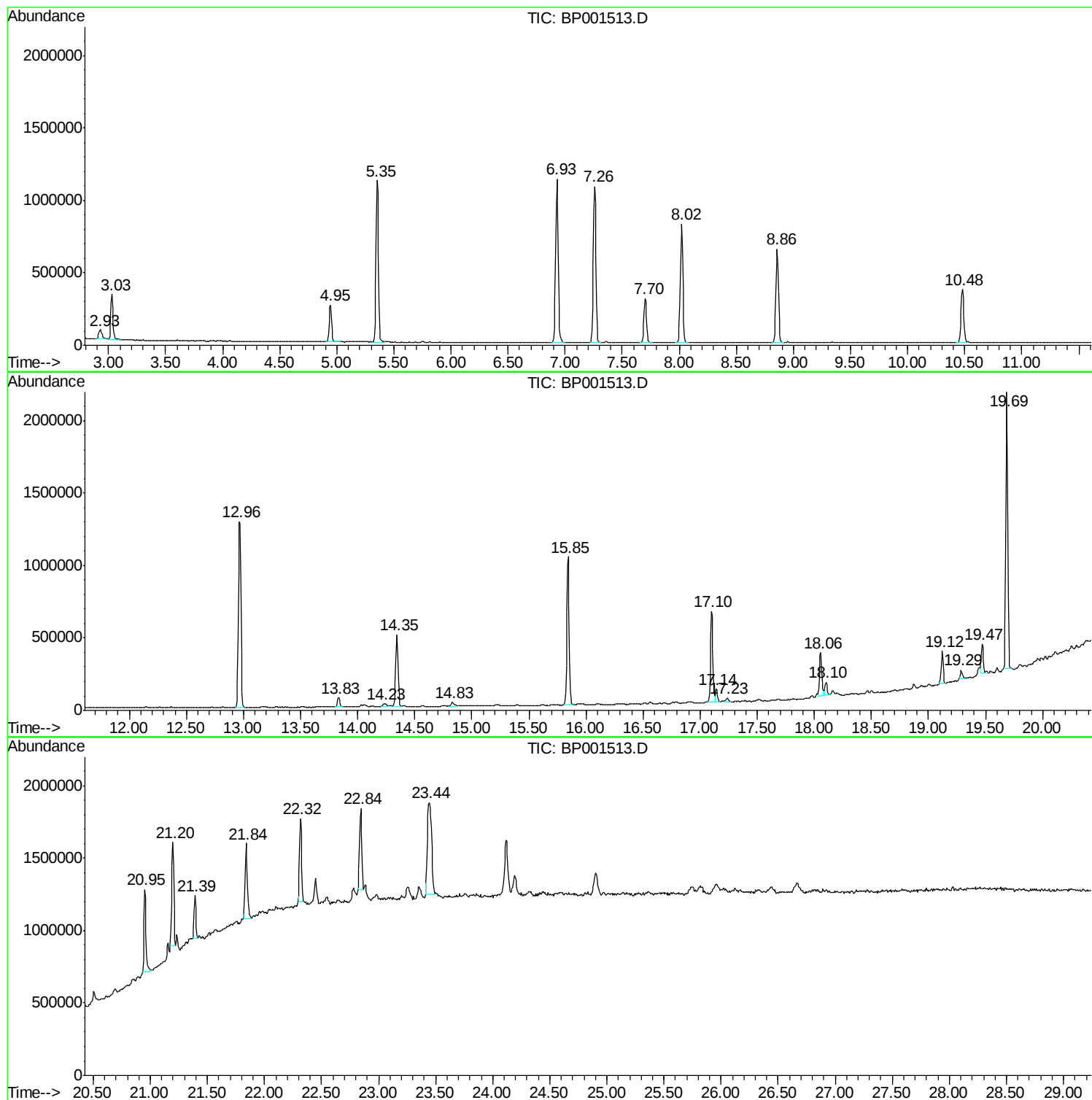
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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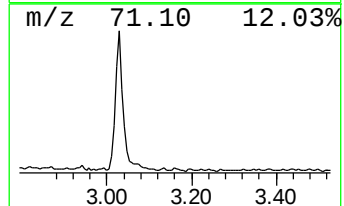
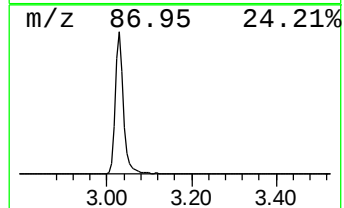
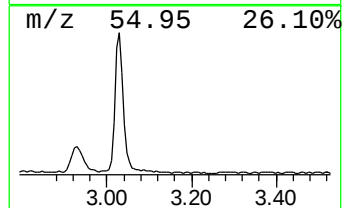
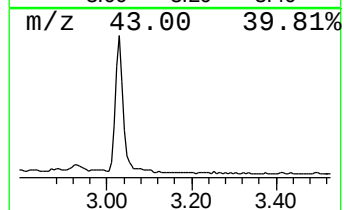
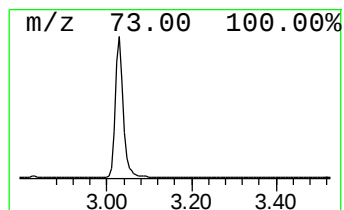
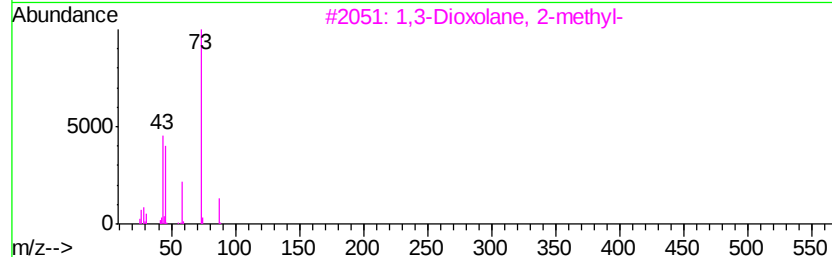
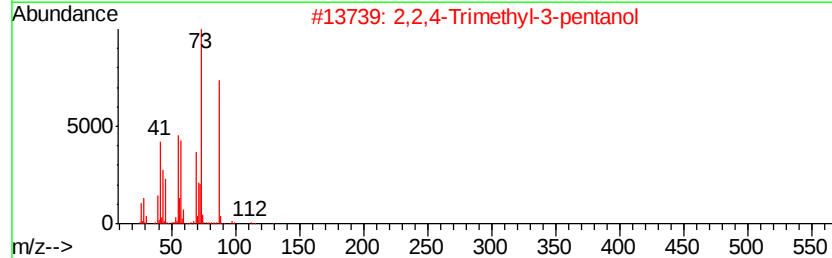
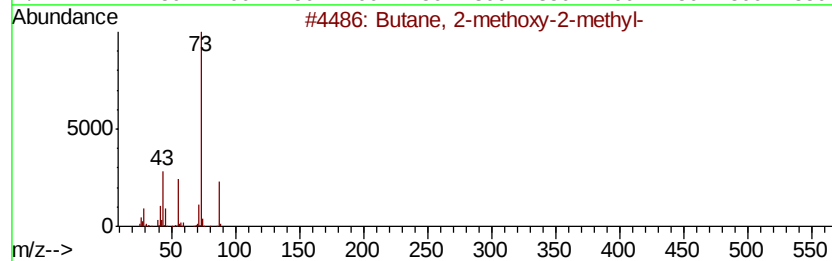
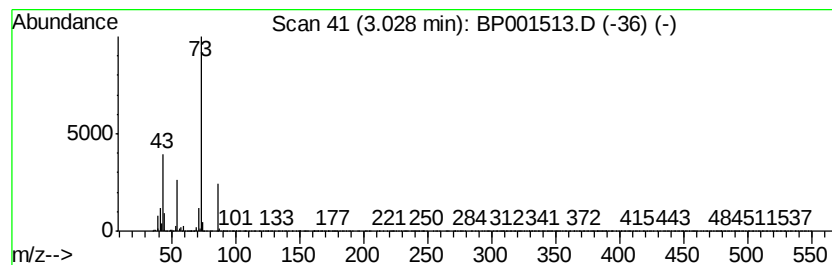
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	16.74 ng	400357	1,4-Dichlorobenzene-d4	7.70

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	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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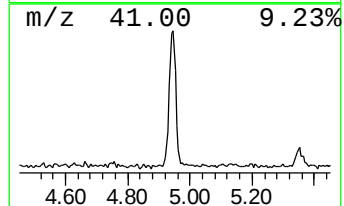
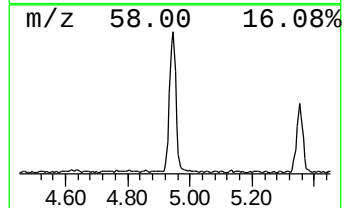
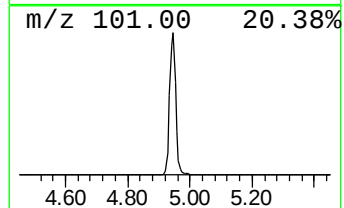
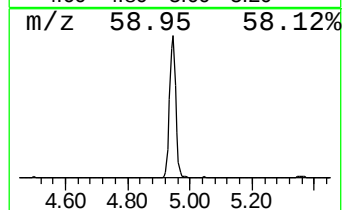
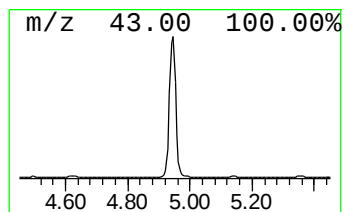
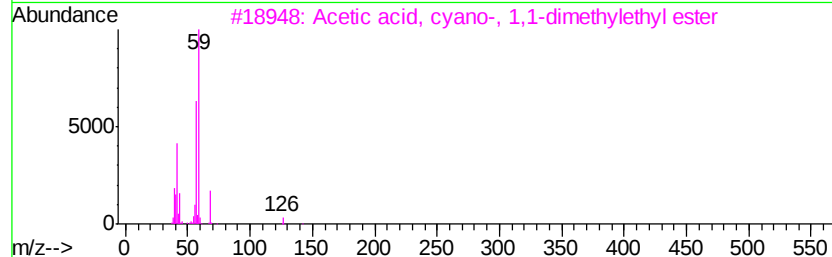
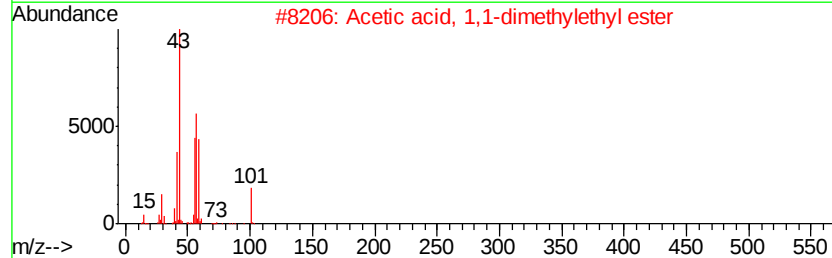
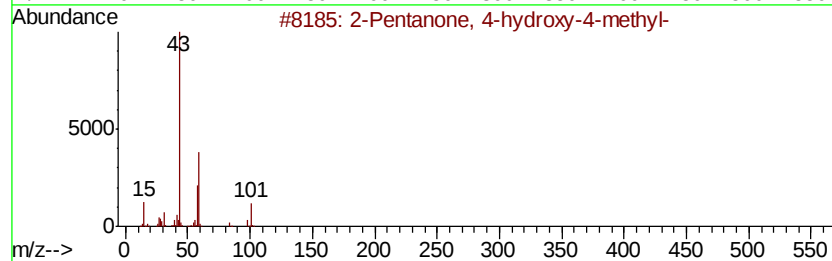
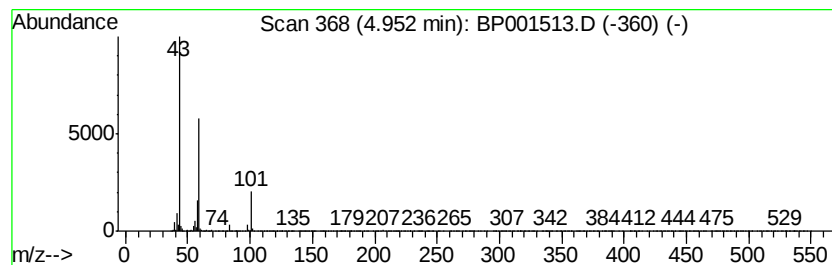
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	15.29 ng	365657	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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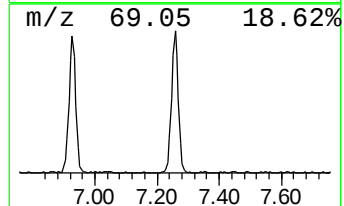
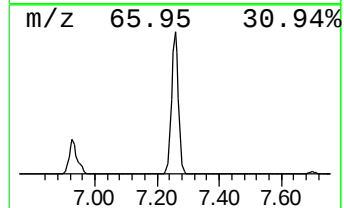
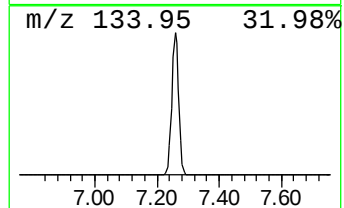
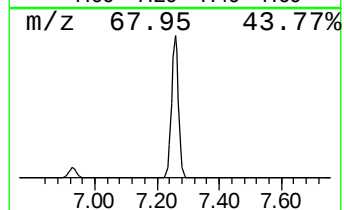
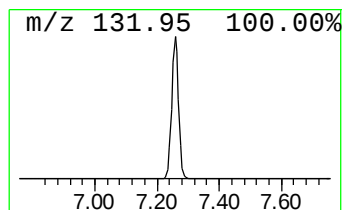
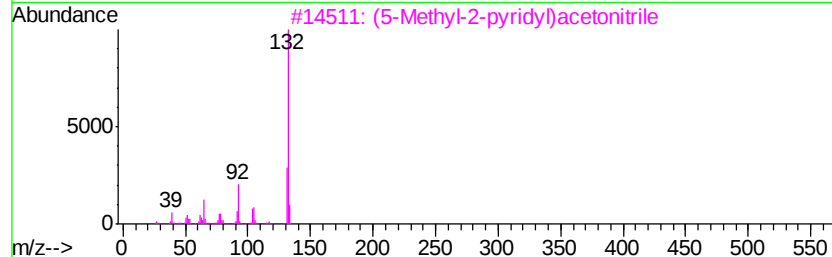
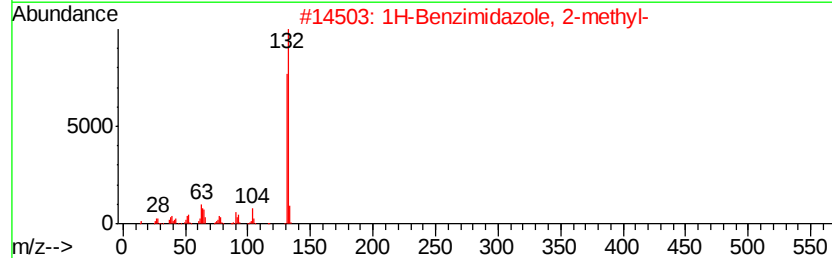
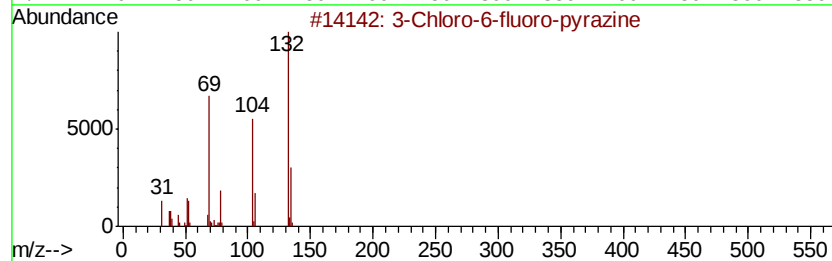
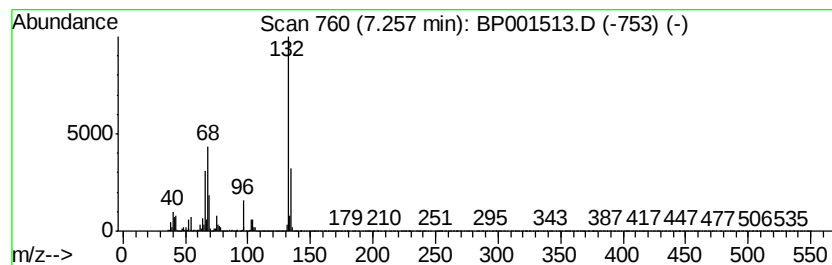
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	70.28 ng	1681110	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	10
4	1,2,4-Trifluorobenzene			132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene			132	C6H3F3	000372-38-3	9



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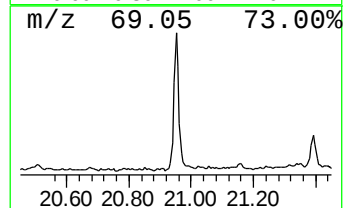
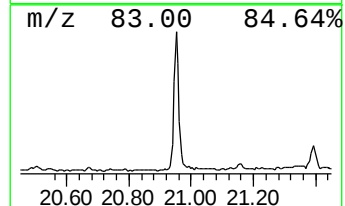
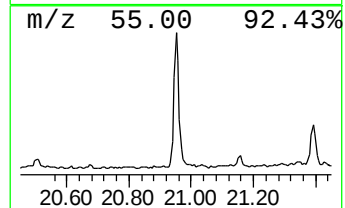
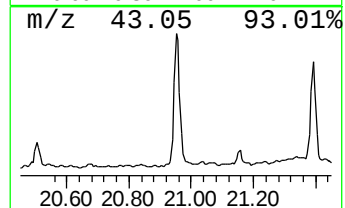
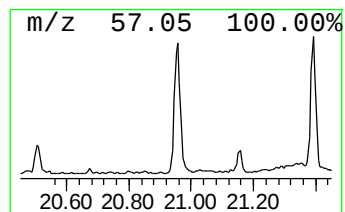
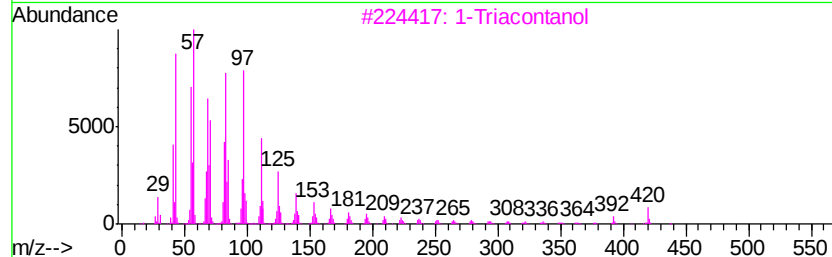
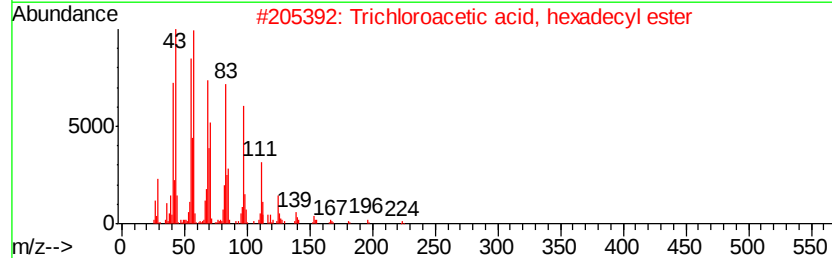
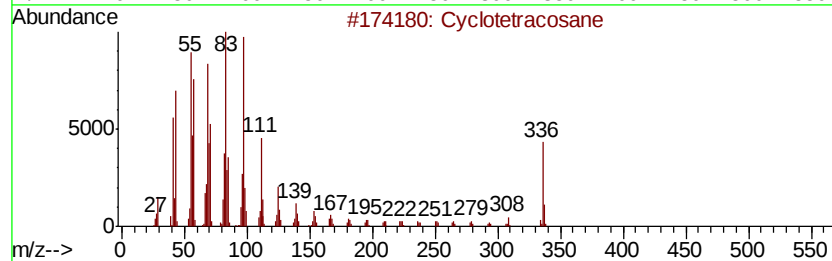
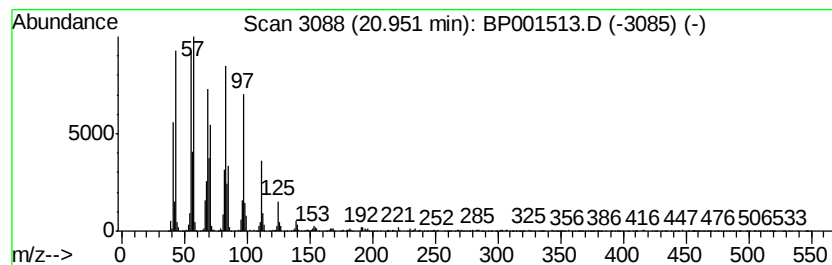
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	15.87 ng	703455	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetracosane	336 C24H48	000297-03-0 95
2		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 94
3		1-Triacontanol	438 C30H62O	000593-50-0 93
4		17-Pentatriacontene	491 C35H70	006971-40-0 91
5		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91



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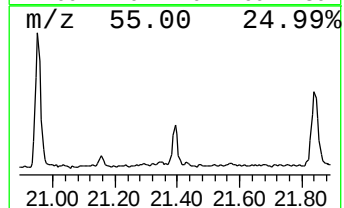
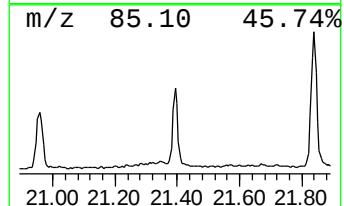
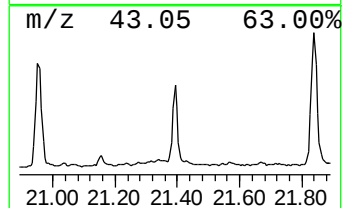
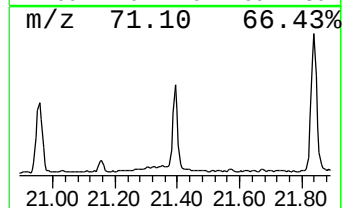
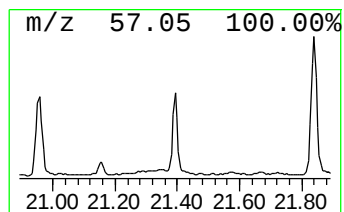
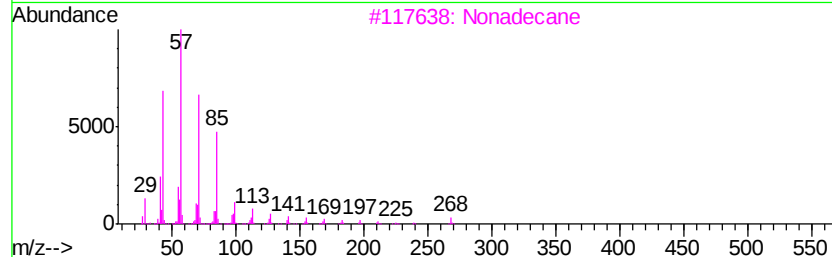
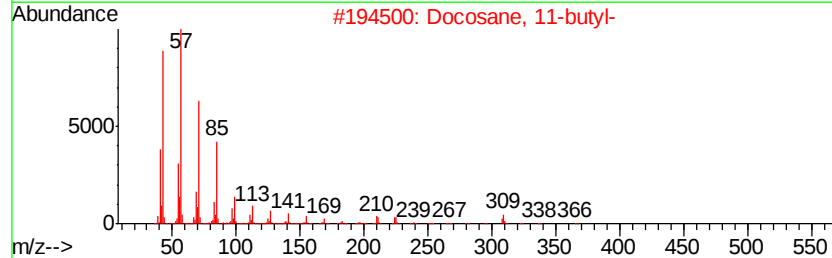
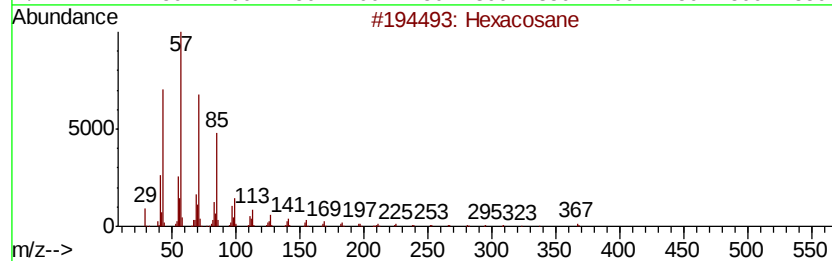
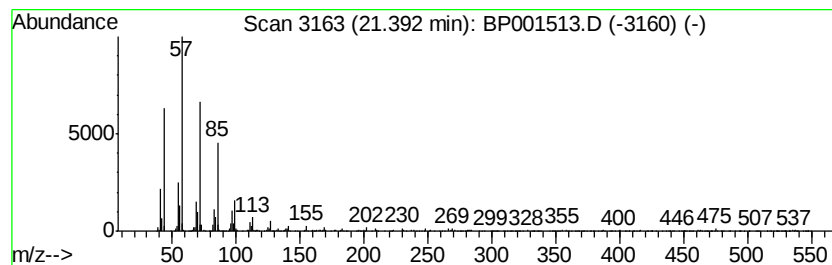
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TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	6.90 ng	305852	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	90
2	Docosane, 11-butyl-		366	C26H54	013475-76-8	90
3	Nonadecane		268	C19H40	000629-92-5	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	87
5	Octacosane		394	C28H58	000630-02-4	87



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ClientSampleId :
MC-123019-0-2-COMP-B5

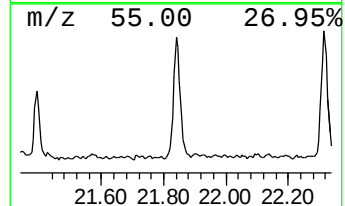
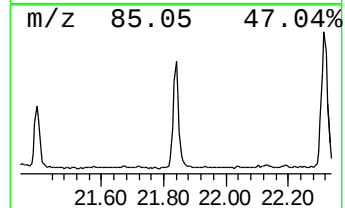
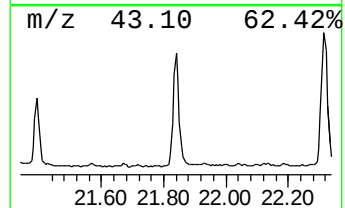
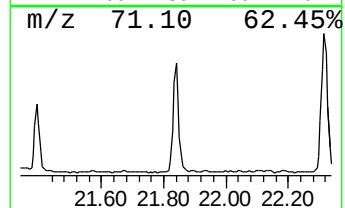
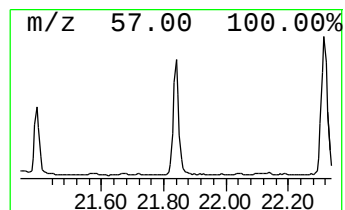
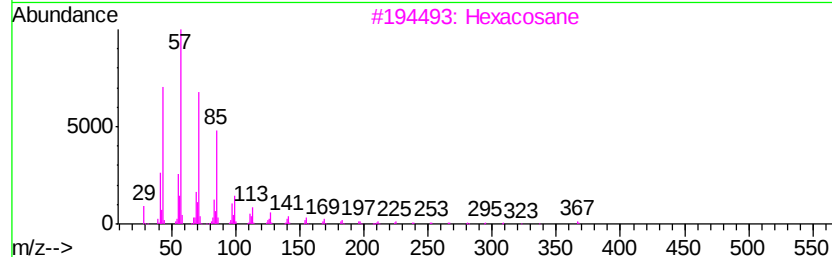
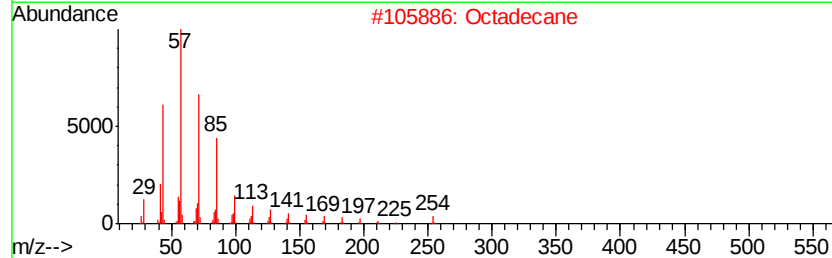
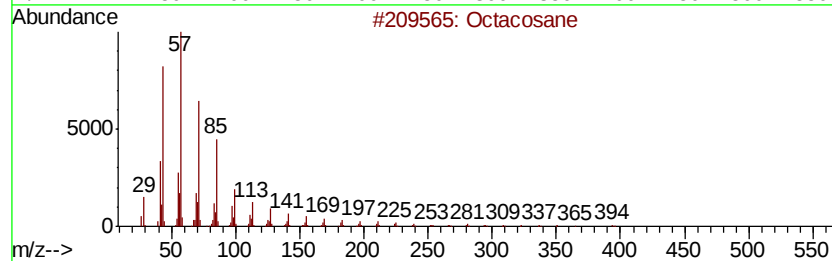
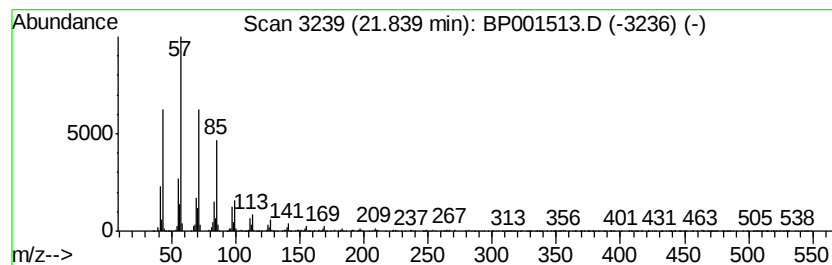
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	15.60 ng	691329	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	97
2	Octadecane		254	C18H38	000593-45-3	95
3	Hexacosane		366	C26H54	000630-01-3	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Eicosane		282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001513.D
Acq On : 03 Jan 2020 18:24
Operator : JU
Sample : K6471-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

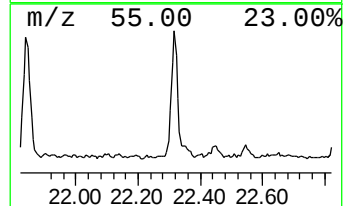
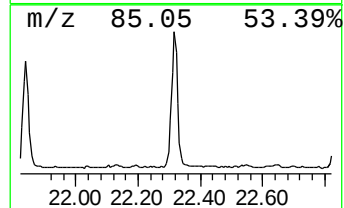
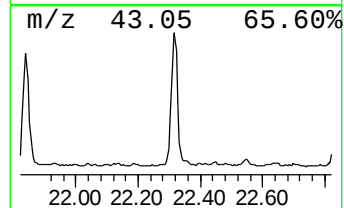
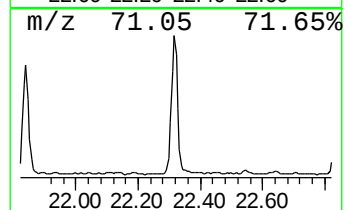
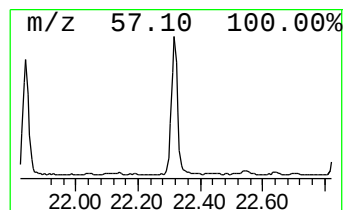
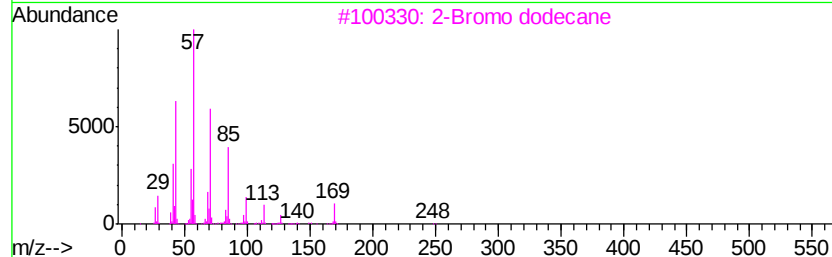
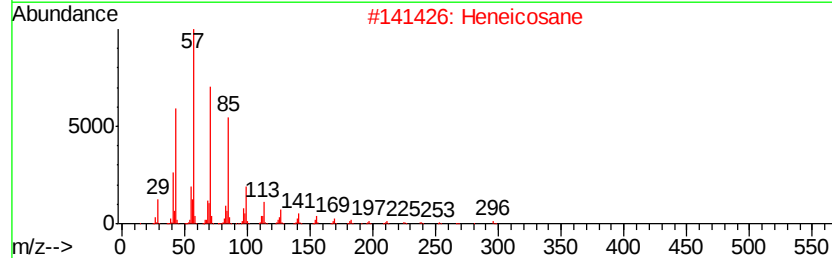
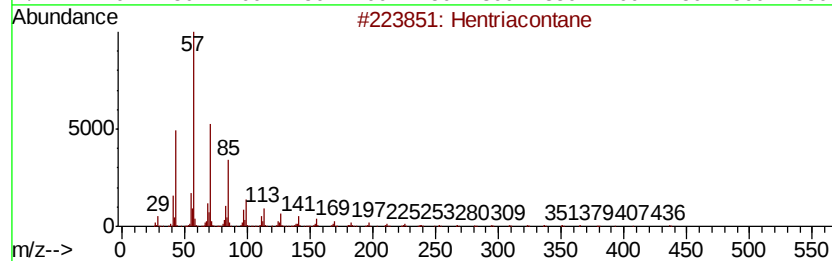
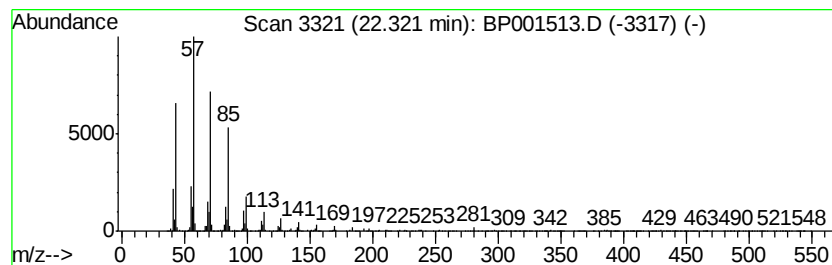
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	15.68 ng	695000	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	97
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Docosane, 11-butyl-		366	C26H54	013475-76-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001513.D
Acq On : 03 Jan 2020 18:24
Operator : JU
Sample : K6471-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

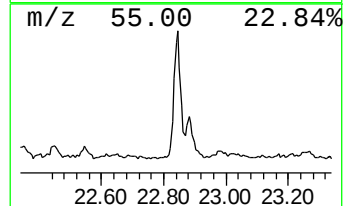
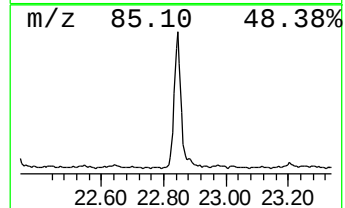
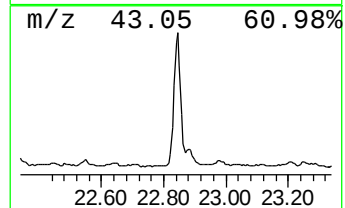
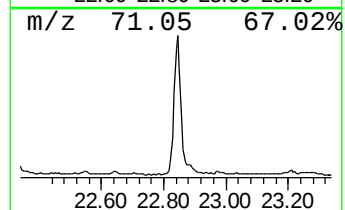
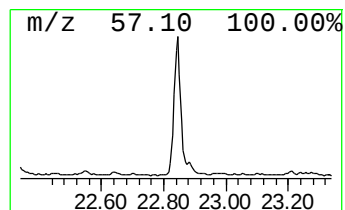
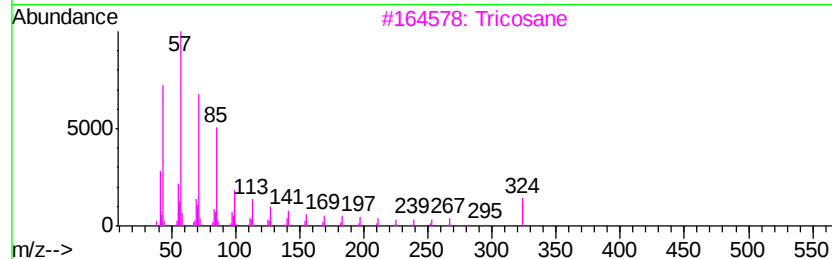
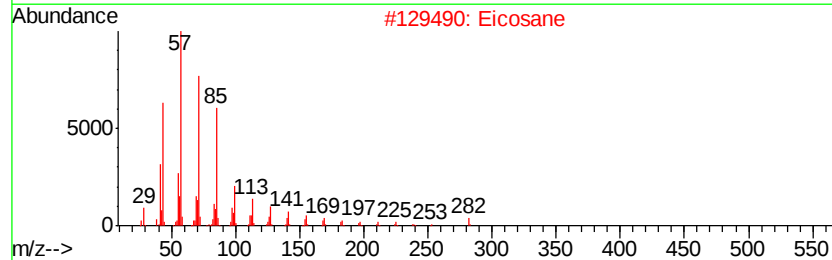
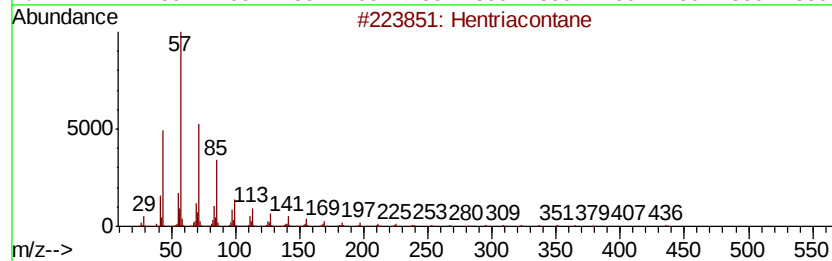
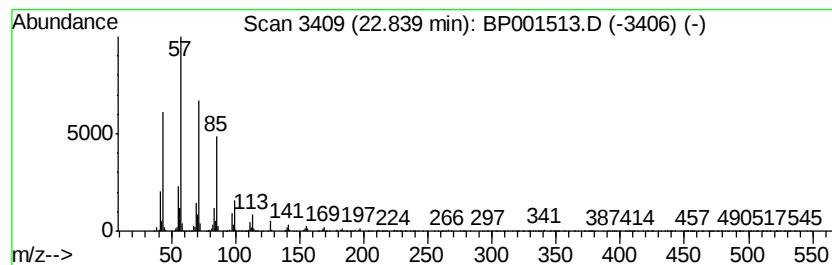
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	9.27 ng	745306	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hentriacontane	437 C31H64	000630-04-6 96
2		Eicosane	282 C20H42	000112-95-8 94
3		Tricosane	324 C23H48	000638-67-5 93
4		Triacontane	422 C30H62	000638-68-6 93
5		Eicosane, 10-methyl-	296 C21H44	054833-23-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\
Data File : BP001513.D
Acq On : 03 Jan 2020 18:24
Operator : JU
Sample : K6471-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	16.7	ng	400357	1	7.70	478393	20.0
2-Pentanone, 4-hy...	4.95	15.3	ng	365657	1	7.70	478393	20.0
unknown7.26	7.26	70.3	ng	1681110	1	7.70	478393	20.0
Cyclotetracosane	20.95	15.9	ng	703455	5	21.20	886415	20.0
Hexacosane	21.39	6.9	ng	305852	5	21.20	886415	20.0
Octacosane	21.84	15.6	ng	691329	5	21.20	886415	20.0
Hentriacontane	22.32	15.7	ng	695000	5	21.20	886415	20.0
Eicosane	22.84	9.3	ng	745306	6	23.46	1607250	20.0