

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018273.D
 Acq On : 18 Dec 2018 16:23
 Operator : JU/SJ
 Sample : J6403-61
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-B

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_M\METHODS\8270-BM121518.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	3.363	78	81	88	rBV	38939	56311	1.40%	0.152%
2	4.681	299	305	313	rBV	71353	102249	2.54%	0.275%
3	5.122	374	380	394	rBV	2173316	3052233	75.78%	8.216%
4	6.693	640	647	659	rBV	2075758	3390779	84.19%	9.128%
5	7.028	697	704	716	rBV	2225801	3444384	85.52%	9.272%
6	7.487	775	782	792	rBV	567372	858658	21.32%	2.311%
7	7.798	825	835	850	rBV	1537998	2430507	60.35%	6.543%
8	8.645	972	979	1004	rBV	1171905	2020741	50.17%	5.440%
9	10.257	1245	1253	1268	rBV	615249	1128398	28.02%	3.037%
10	12.751	1670	1677	1692	rBV	2476140	3815398	94.73%	10.271%
11	13.622	1819	1825	1841	rBV	253820	422846	10.50%	1.138%
12	14.145	1908	1914	1924	rBV2	855230	1383104	34.34%	3.723%
13	15.657	2164	2171	2181	rBV	2014806	3064288	76.08%	8.249%
14	16.910	2377	2384	2389	rBV	972418	1461492	36.29%	3.934%
15	16.957	2389	2392	2398	rVB	91529	130325	3.24%	0.351%
16	17.821	2528	2539	2550	rBV4	223533	383277	9.52%	1.032%
17	18.986	2732	2737	2742	rBV	190578	280525	6.97%	0.755%
18	19.121	2753	2760	2768	rBV7	64110	116725	2.90%	0.314%
19	19.351	2791	2799	2803	rBV	162929	268117	6.66%	0.722%
20	19.562	2830	2835	2843	rBV	3241993	4027610	100.00%	10.842%
21	20.386	2971	2975	2979	rBV2	49074	62525	1.55%	0.168%
22	20.856	3051	3055	3063	rBV2	369303	464957	11.54%	1.252%
23	21.133	3096	3102	3107	rBV	1011479	1503343	37.33%	4.047%
24	21.298	3126	3130	3134	rBV2	130869	160008	3.97%	0.431%
25	21.721	3198	3202	3205	rBV	240307	303329	7.53%	0.817%
26	22.168	3274	3278	3282	rVB	208707	256449	6.37%	0.690%
27	22.650	3355	3360	3365	rBV2	291752	513793	12.76%	1.383%
28	23.180	3446	3450	3459	rVB2	215133	424377	10.54%	1.142%
29	23.292	3463	3469	3476	rBV	696876	1300294	32.28%	3.500%
30	23.786	3549	3553	3560	rVB3	176683	321924	7.99%	0.867%

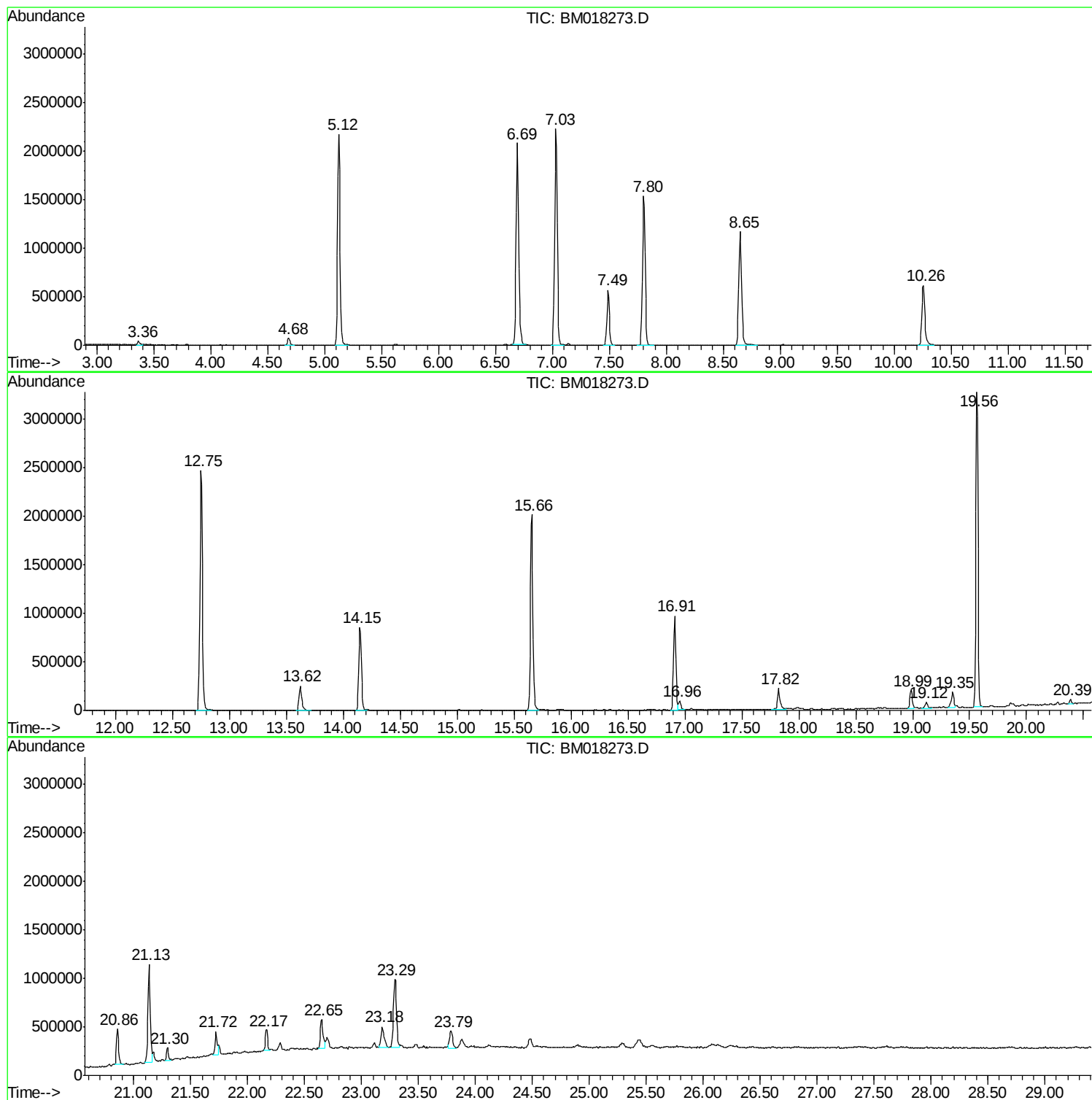
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BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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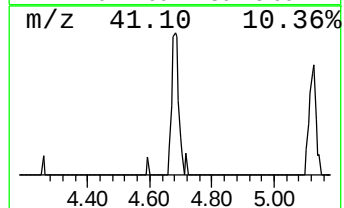
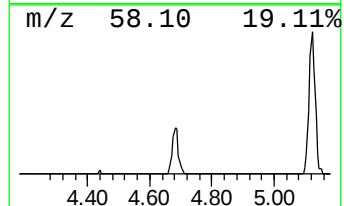
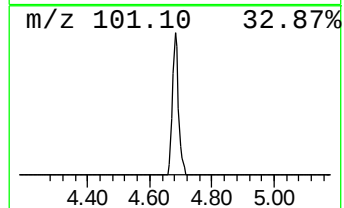
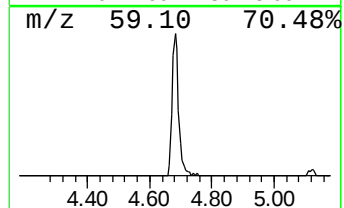
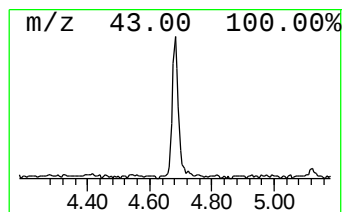
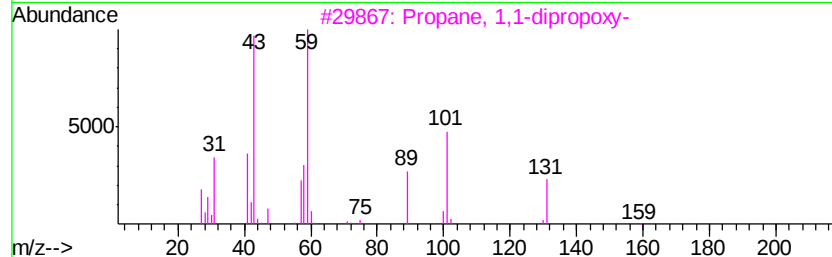
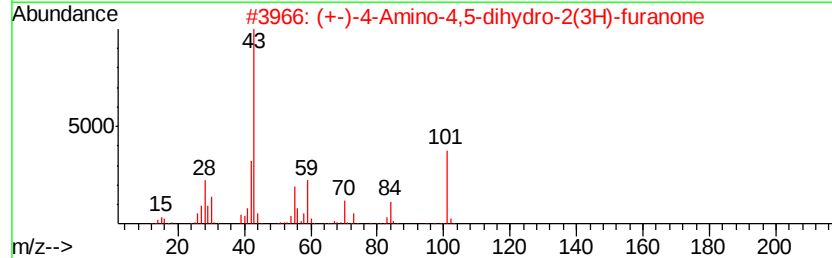
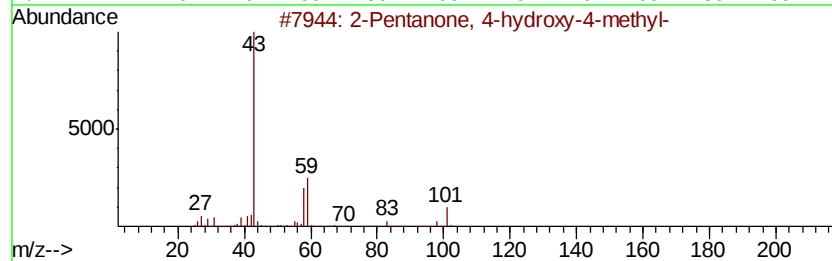
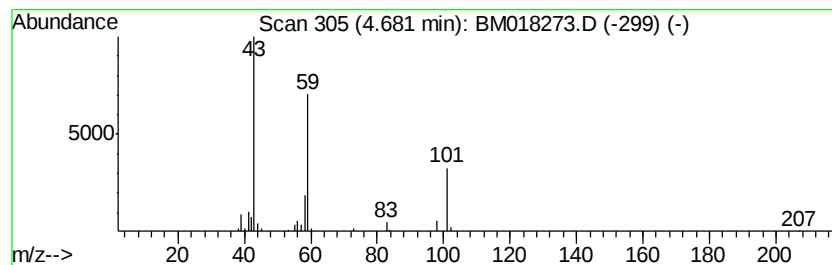
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.38 ng	102249	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
5		4-Ethyl-3-octanol	158	C10H22O	019781-26-1	37



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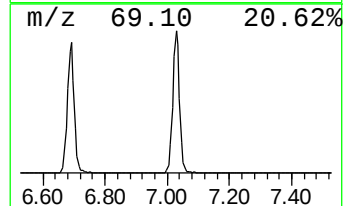
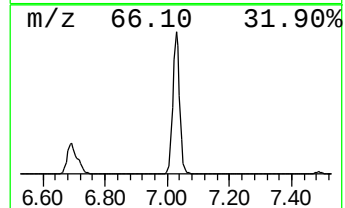
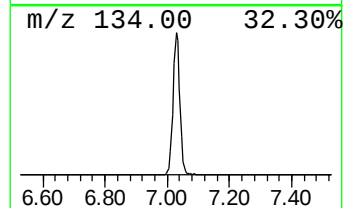
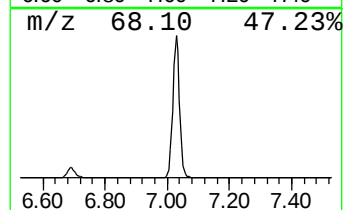
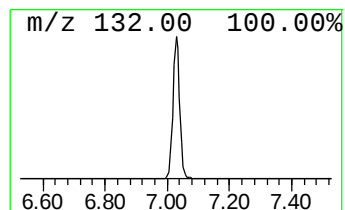
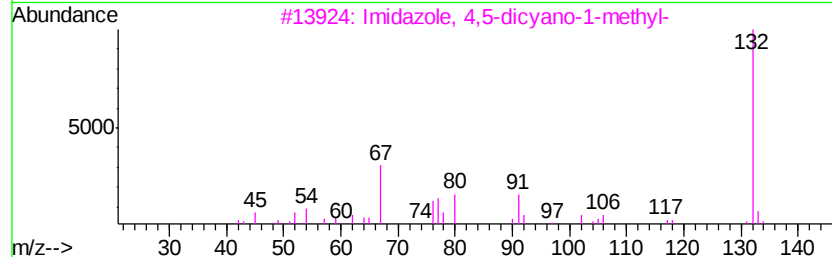
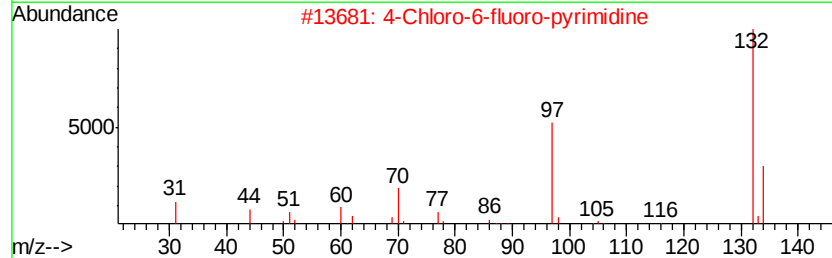
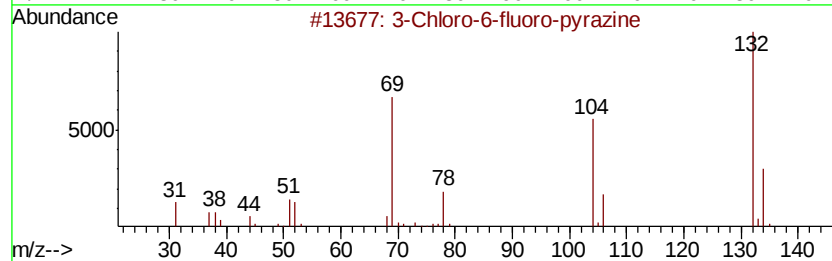
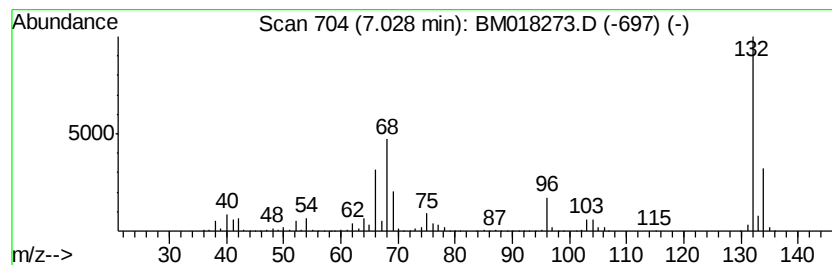
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Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	80.23 ng	3444380	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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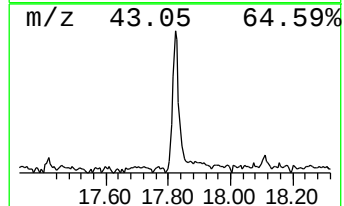
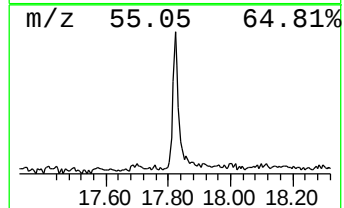
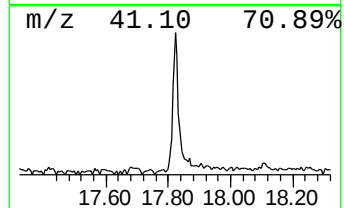
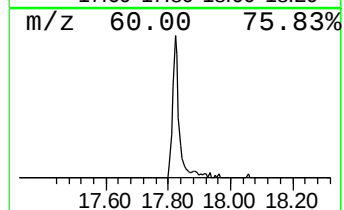
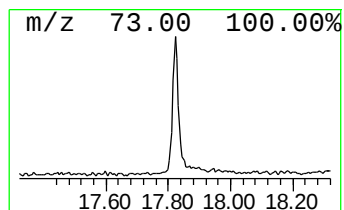
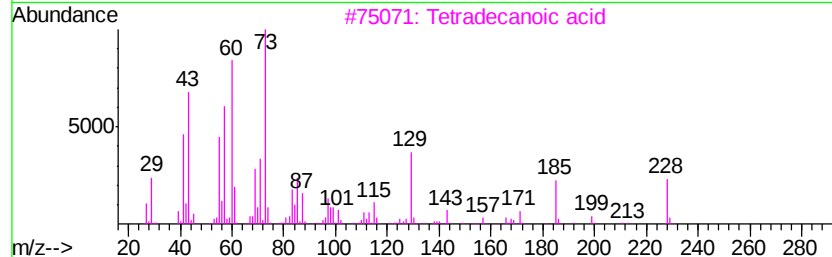
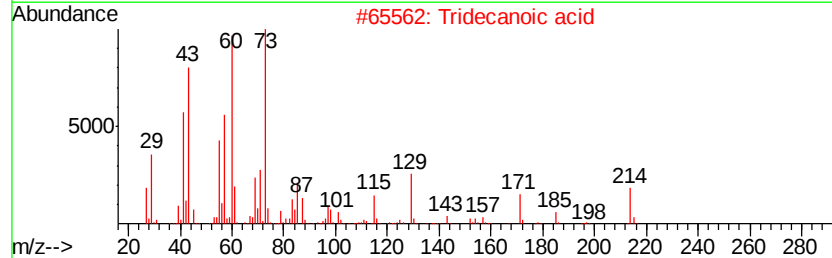
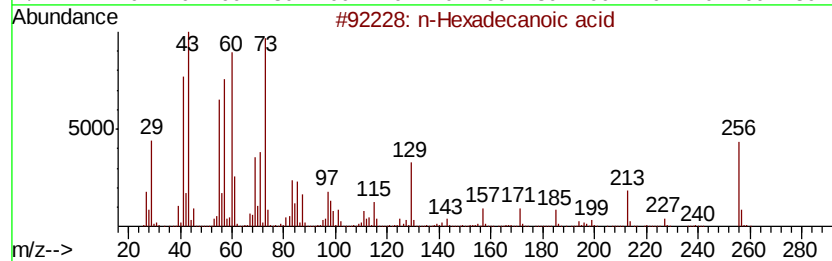
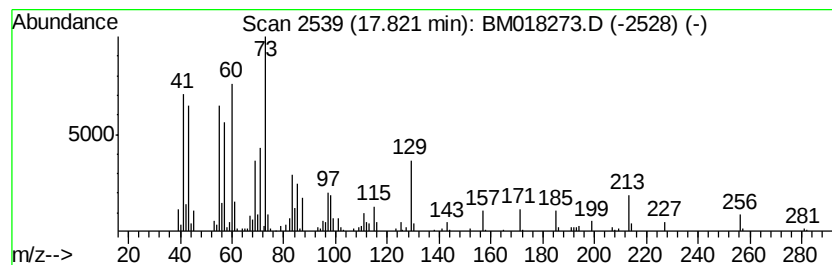
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.82	5.25 ng	383277	Phenanthrene-d10		16.91
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	d-Glucitol, 4-O-octyl-	294	C14H30O6	132696-01-6	14
5	Dodecane	170	C12H26	000112-40-3	11



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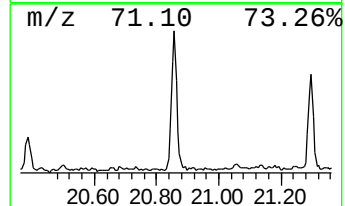
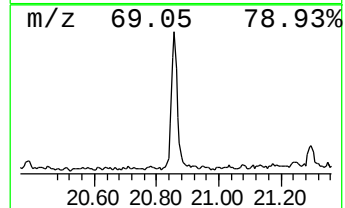
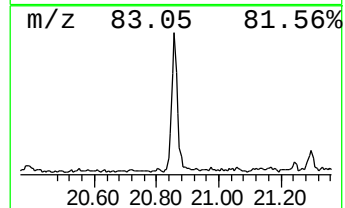
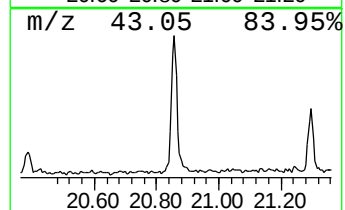
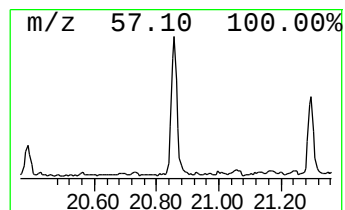
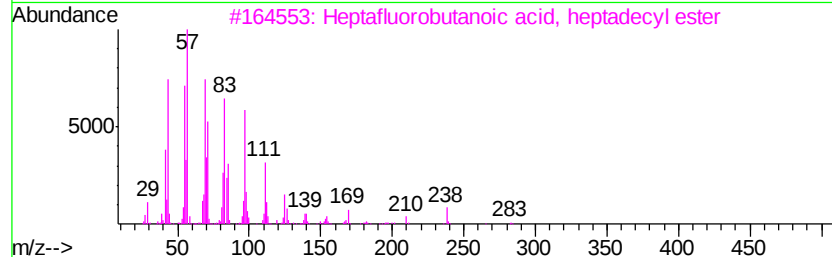
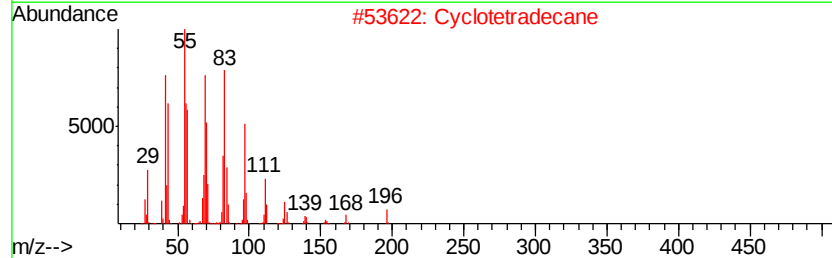
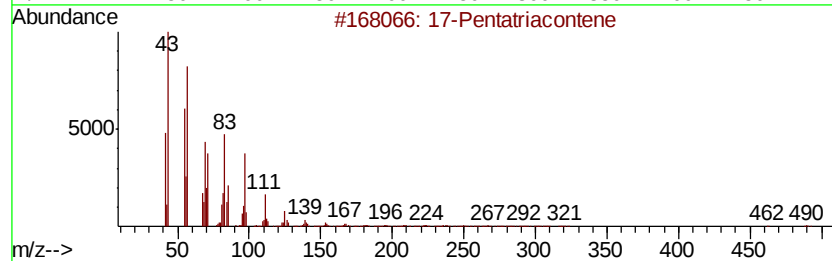
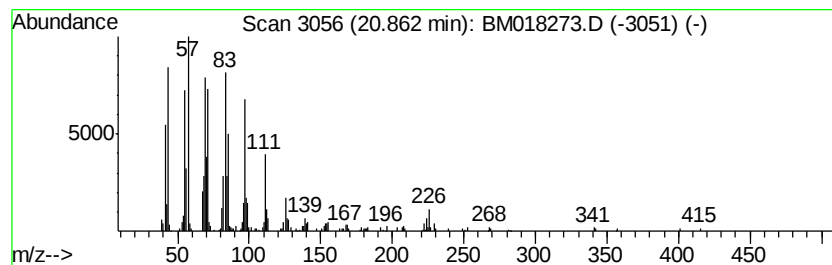
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Peak Number 5 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.19 ng	464957	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		17-Pentatriacontene	491 C35H70	006971-40-0 91
2		Cyclotetradecane	196 C14H28	000295-17-0 89
3		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 81
4		Eicosane	282 C20H42	000112-95-8 70
5		1-Octadecanol	270 C18H38O	000112-92-5 70



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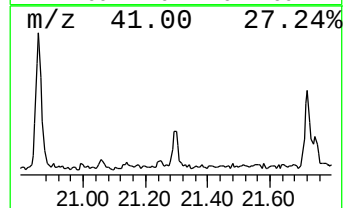
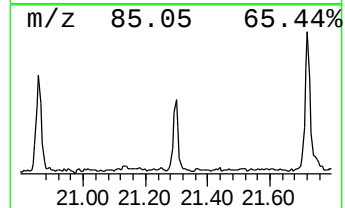
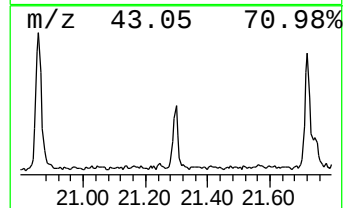
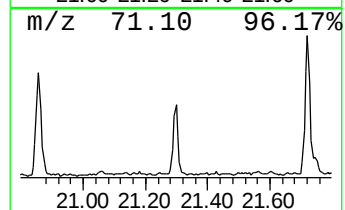
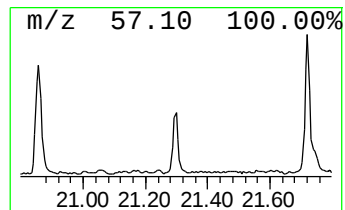
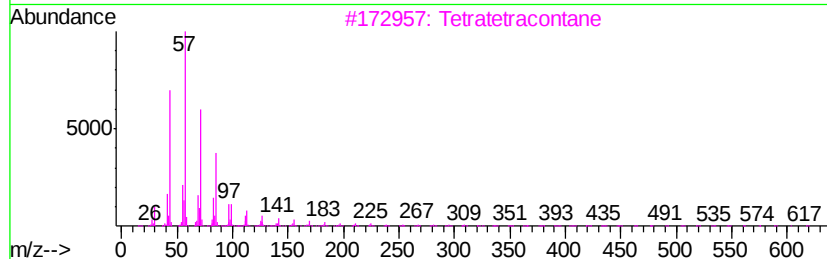
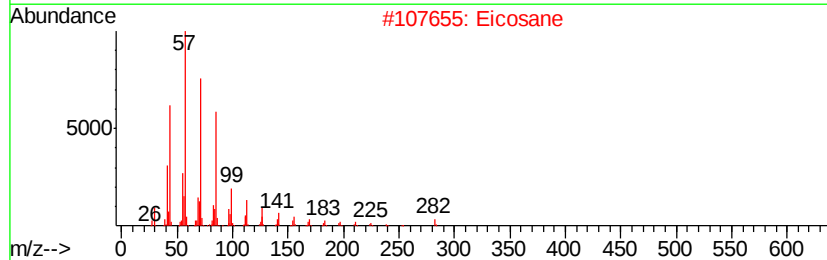
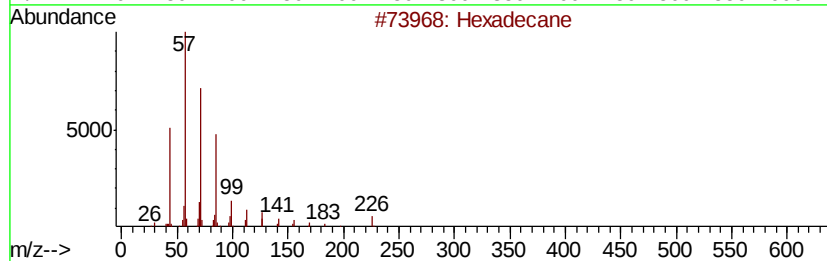
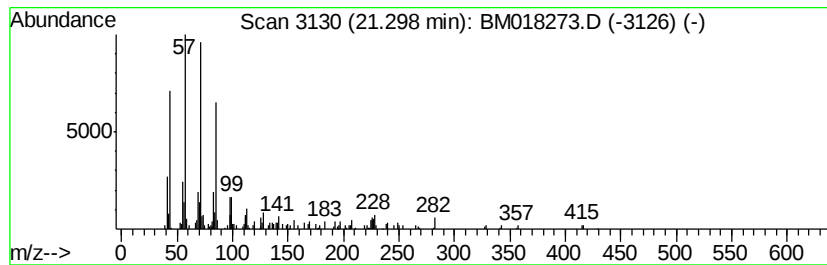
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Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.13 ng	160008	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	98
2	Eicosane		282	C20H42	000112-95-8	98
3	Tetratetracontane		619	C44H90	007098-22-8	83
4	Octadecane		254	C18H38	000593-45-3	83
5	triacontane		422	C30H62	000638-68-6	83



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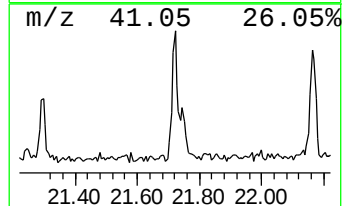
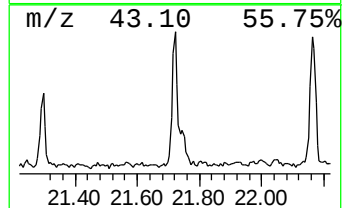
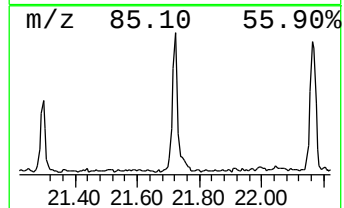
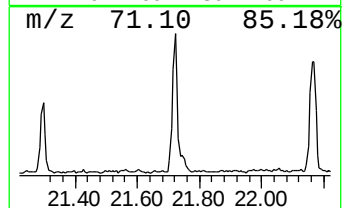
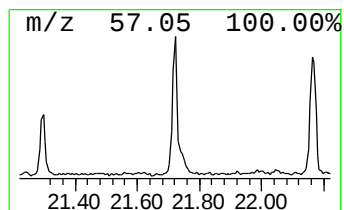
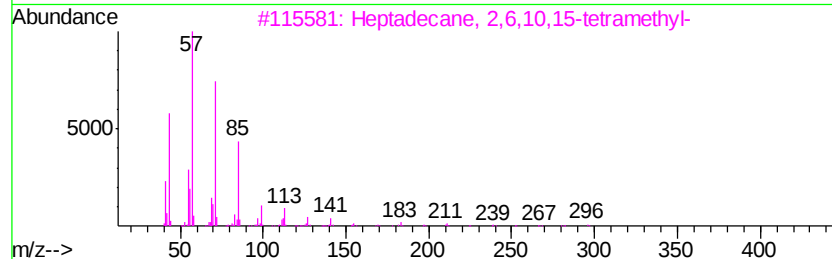
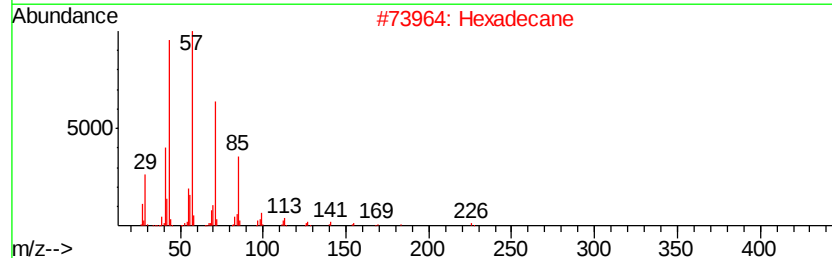
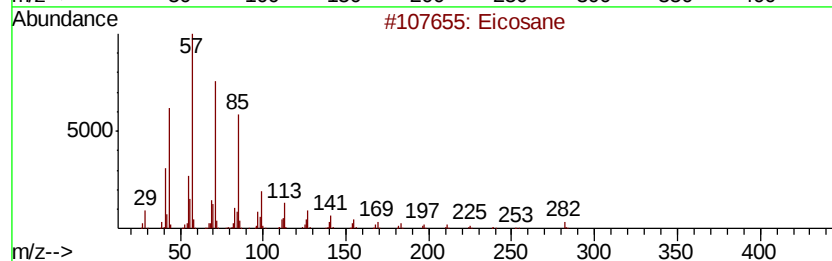
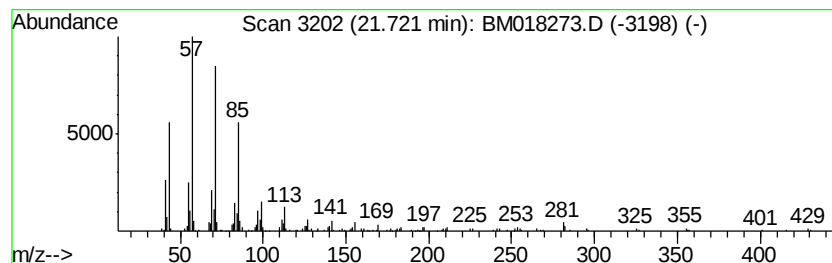
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	4.04 ng	303329	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Hexadecane		226	C16H34	000544-76-3	94
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	triacontane		422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018273.D
Acq On : 18 Dec 2018 16:23
Operator : JU/SJ
Sample : J6403-61
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-B

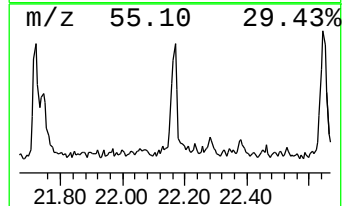
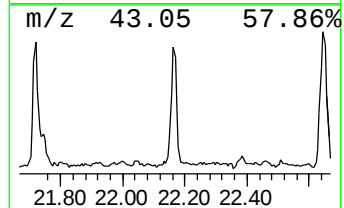
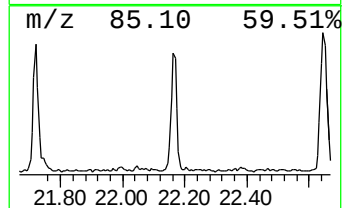
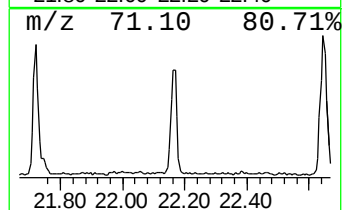
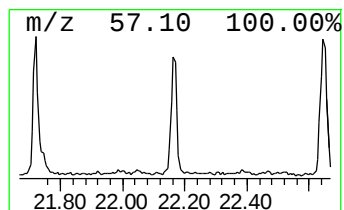
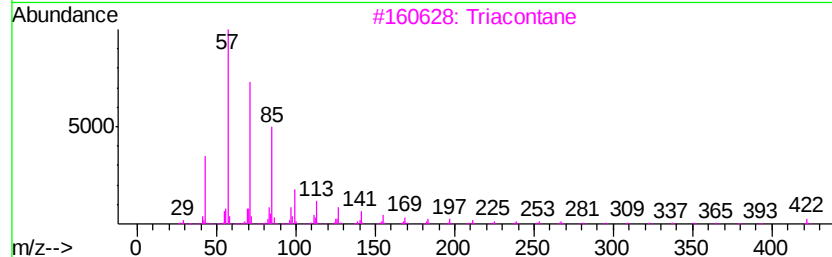
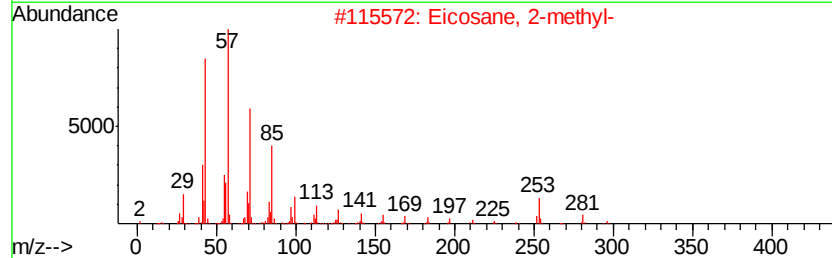
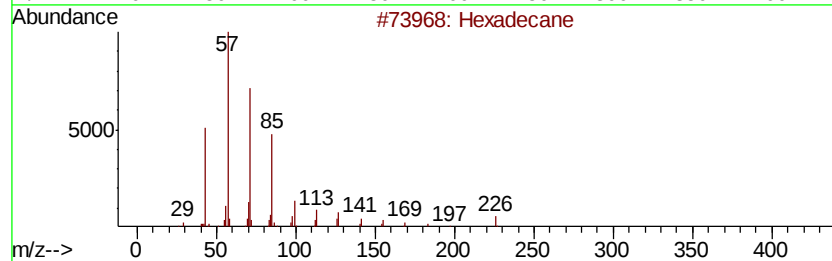
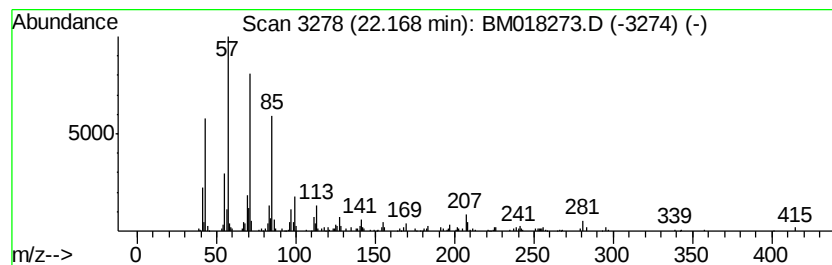
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Eicosane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.41 ng	256449	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018273.D
Acq On : 18 Dec 2018 16:23
Operator : JU/SJ
Sample : J6403-61
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-B

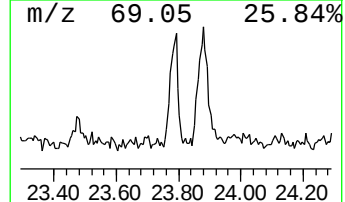
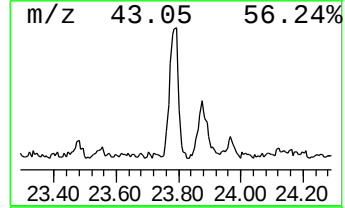
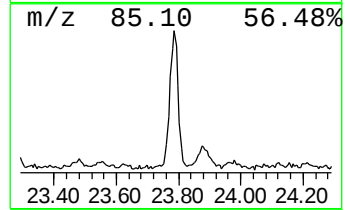
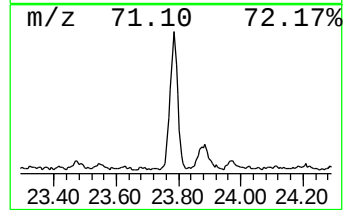
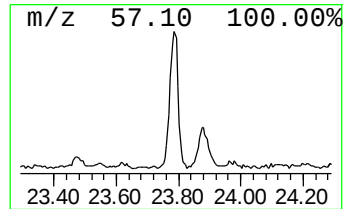
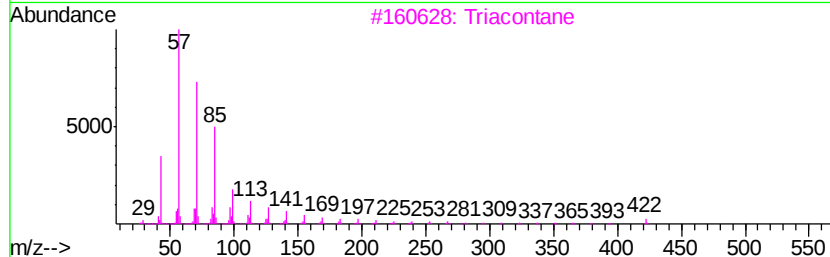
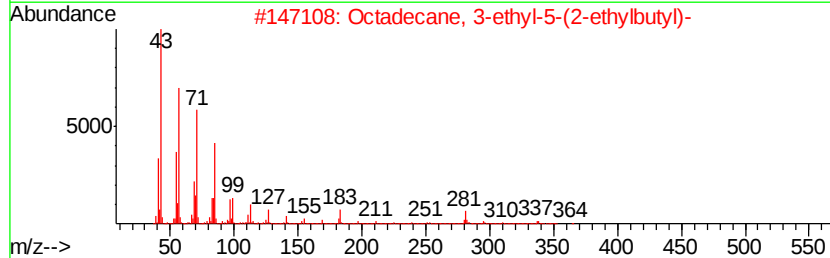
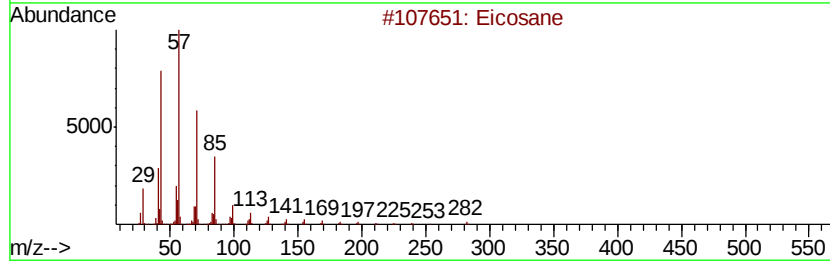
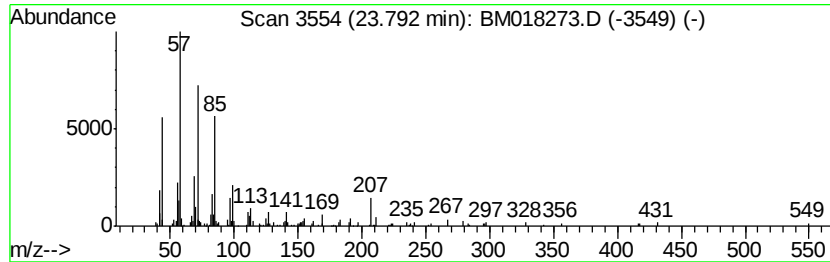
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecane, 3-ethyl-5-(2-ethylbu... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	4.95 ng	321924	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	86
3		Triacontane	422	C30H62	000638-68-6	83
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121818\
Data File : BM018273.D
Acq On : 18 Dec 2018 16:23
Operator : JU/SJ
Sample : J6403-61
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	2.4	ng	102249	1	7.49	858658	20.0
unknown7.03	7.03	80.2	ng	3444380	1	7.49	858658	20.0
n-Hexadecanoic acid	17.82	5.3	ng	383277	4	16.91	1461490	20.0
17-Pentatriacontene	20.86	6.2	ng	464957	5	21.13	1503340	20.0
Hexadecane	21.30	2.1	ng	160008	5	21.13	1503340	20.0
Eicosane	21.72	4.0	ng	303329	5	21.13	1503340	20.0
Eicosane, 2-methyl-	22.17	3.4	ng	256449	5	21.13	1503340	20.0
Octadecane, 3-eth...	23.79	5.0	ng	321924	6	23.30	1300290	20.0