

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107189.D
 Acq On : 6 Jul 2018 22:33
 Operator : JU/SJ
 Sample : J3887-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

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-BF061918.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	5.184	479	484	500	rBB	135305	158288	13.71%	1.424%
2	5.590	547	553	579	rVB	1085594	1055485	91.44%	9.498%
3	6.596	719	724	741	rBV	1029386	1154317	100.00%	10.388%
4	6.725	741	746	753	rVB	1212903	1055121	91.41%	9.495%
5	6.943	779	783	789	rBB	372102	301715	26.14%	2.715%
6	7.101	805	810	821	rBB	994944	853573	73.95%	7.681%
7	7.378	852	857	874	rBV	34618	67630	5.86%	0.609%
8	7.513	874	880	902	rVB	666118	663894	57.51%	5.974%
9	8.225	996	1001	1025	rBB	346630	355354	30.78%	3.198%
10	9.301	1178	1184	1199	rBV	1244057	1095166	94.88%	9.855%
11	9.695	1246	1251	1262	rBB	129624	120859	10.47%	1.088%
12	9.984	1294	1300	1309	rBB	333877	316163	27.39%	2.845%
13	10.783	1430	1436	1455	rBV	533681	542902	47.03%	4.886%
14	11.483	1548	1555	1561	rBV	290832	295466	25.60%	2.659%
15	13.060	1817	1823	1834	rBV	1161126	1083684	93.88%	9.752%
16	13.936	1968	1972	2001	rBV	91064	139560	12.09%	1.256%
17	14.130	2001	2005	2015	rVV	418215	408077	35.35%	3.672%
18	14.254	2022	2026	2076	rBV2	18336	107411	9.31%	0.967%
19	14.560	2076	2078	2129	rVV9	25642	110946	9.61%	0.998%
20	15.224	2186	2191	2256	rBV2	26760	67439	5.84%	0.607%
21	15.666	2261	2266	2332	rVV	232106	374041	32.40%	3.366%
22	16.077	2332	2336	2828	rVB	23433	785178	68.02%	7.066%

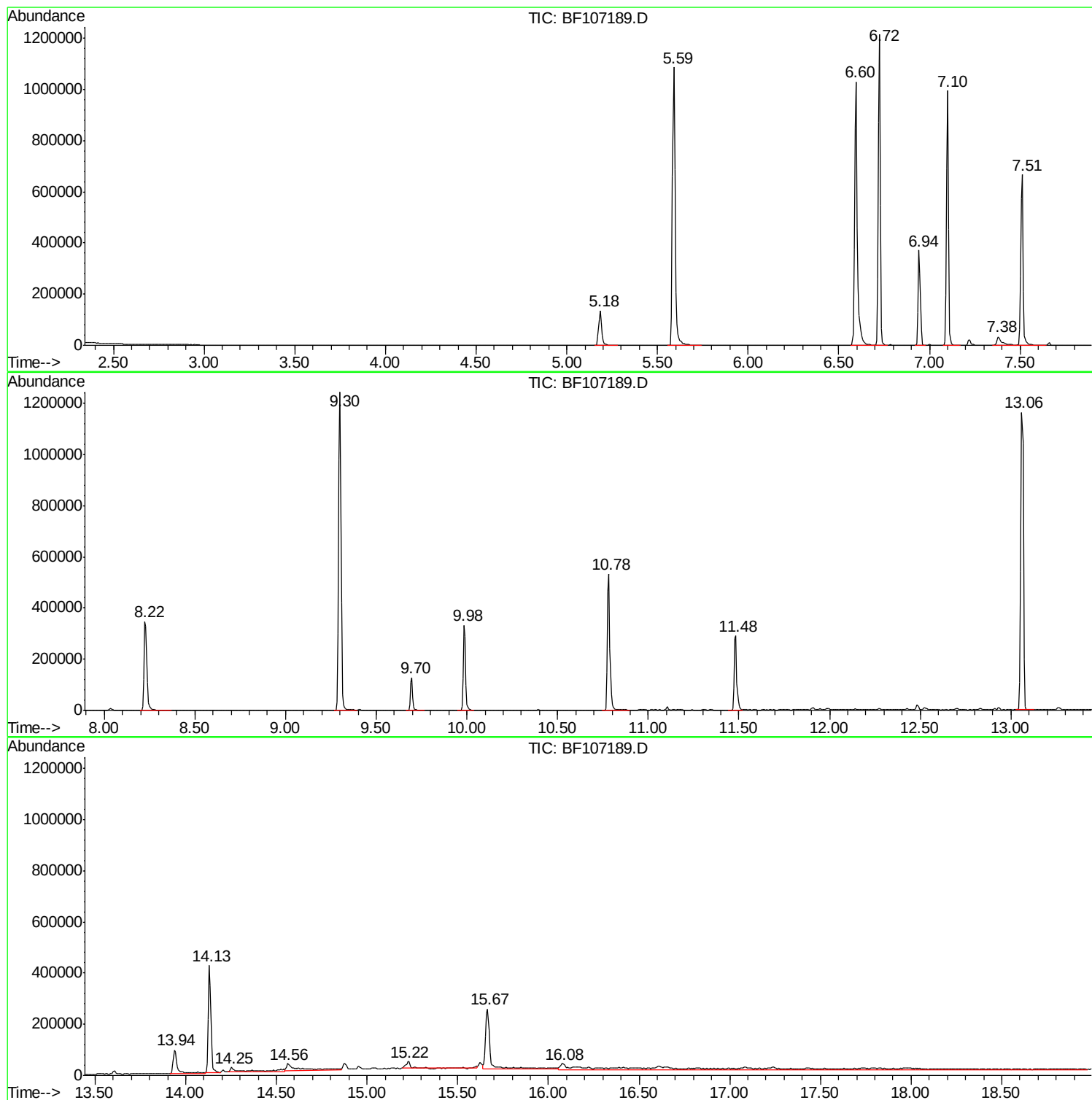
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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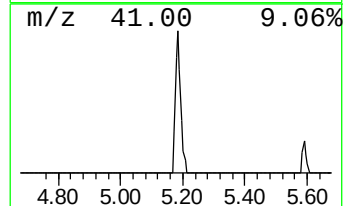
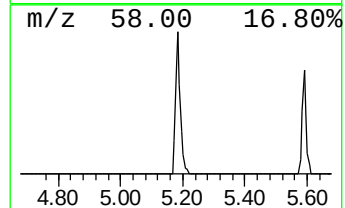
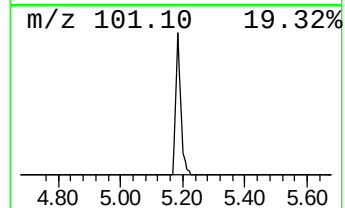
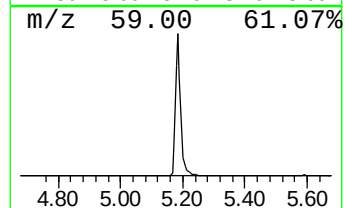
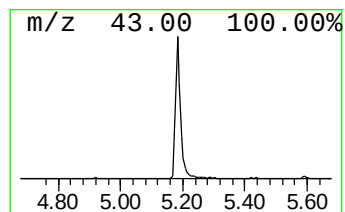
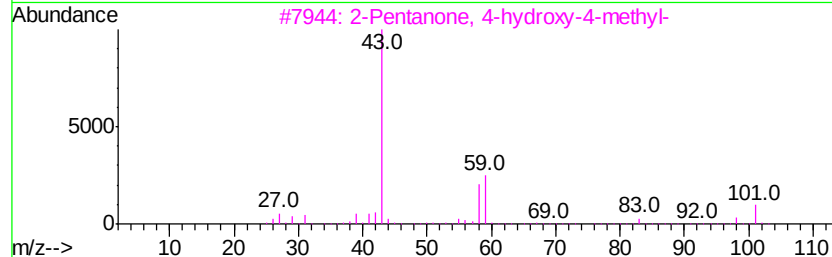
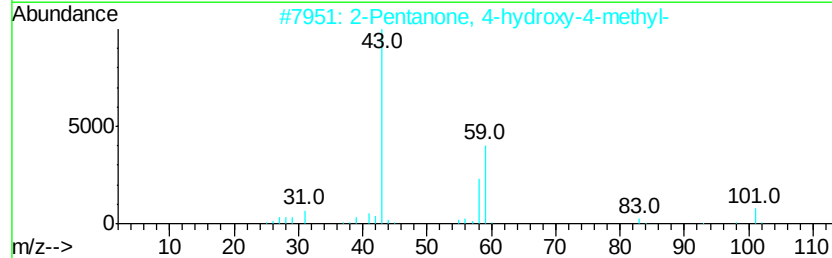
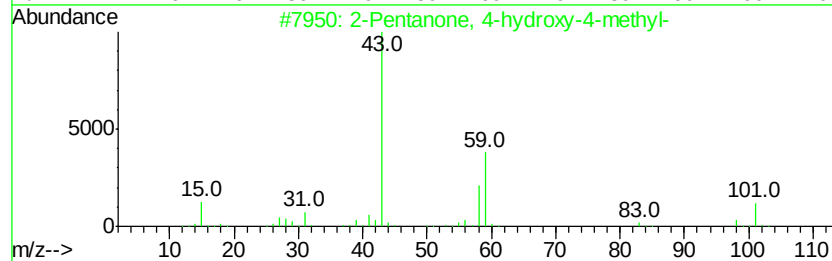
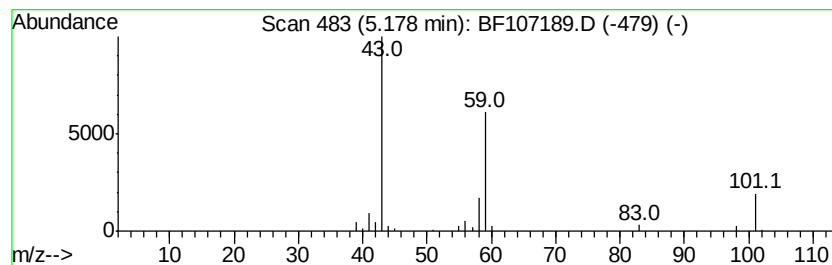
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.49 ng	158288	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32		
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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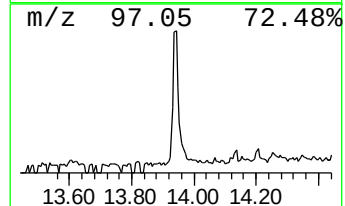
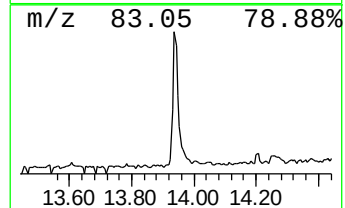
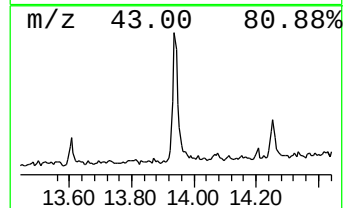
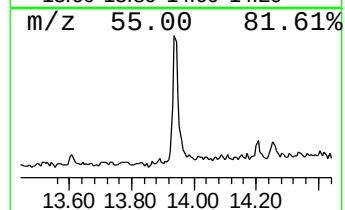
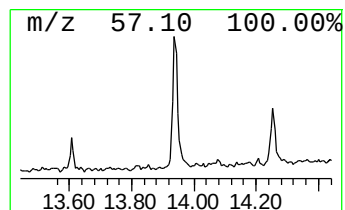
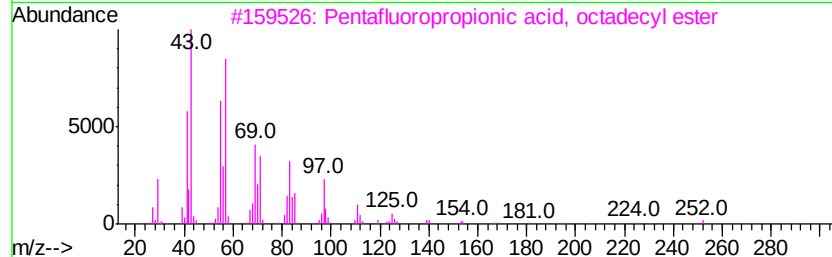
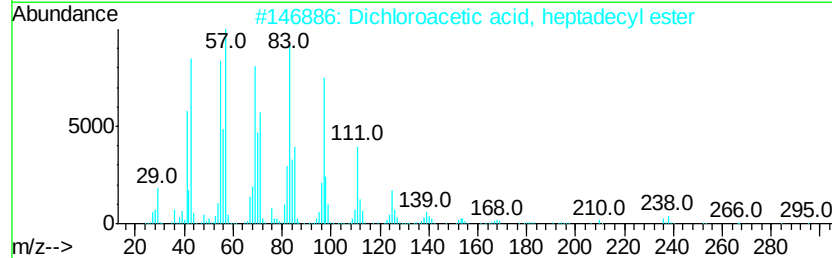
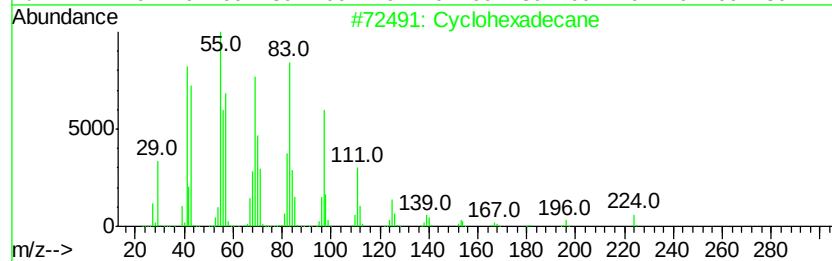
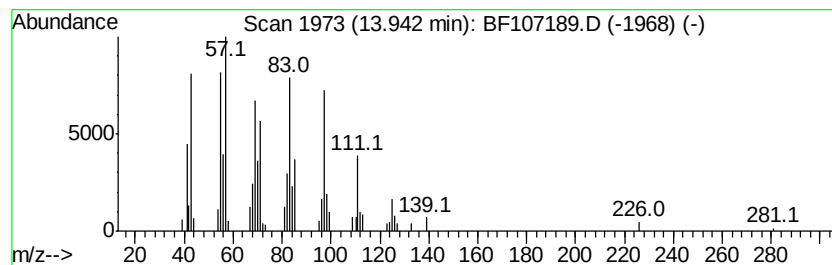
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 2 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.94	6.84 ng	139560	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



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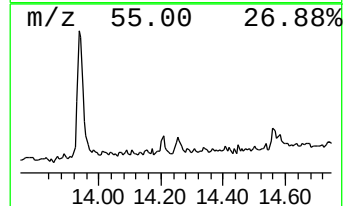
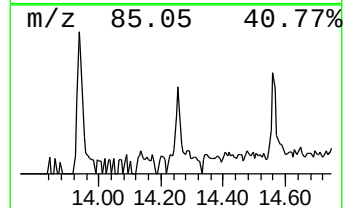
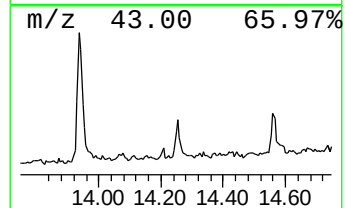
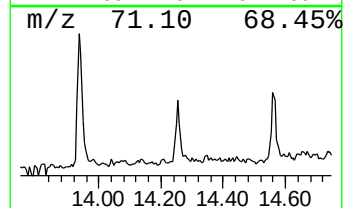
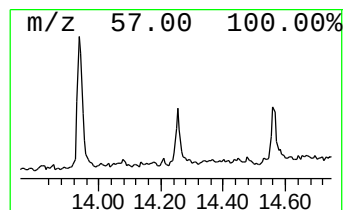
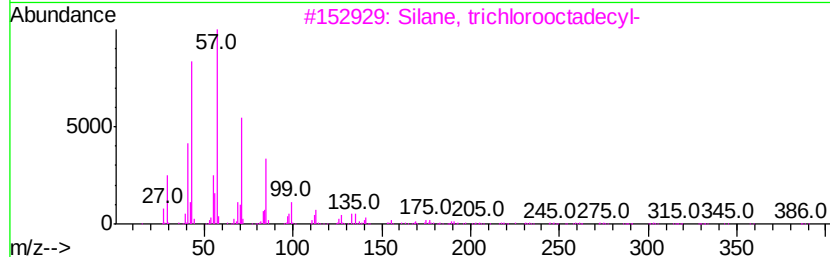
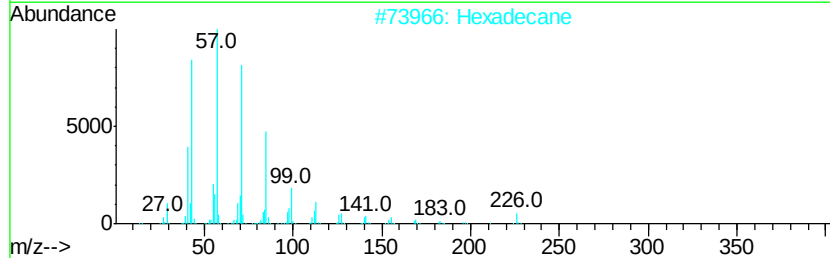
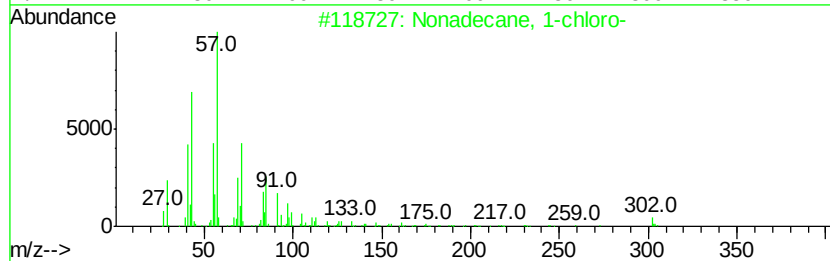
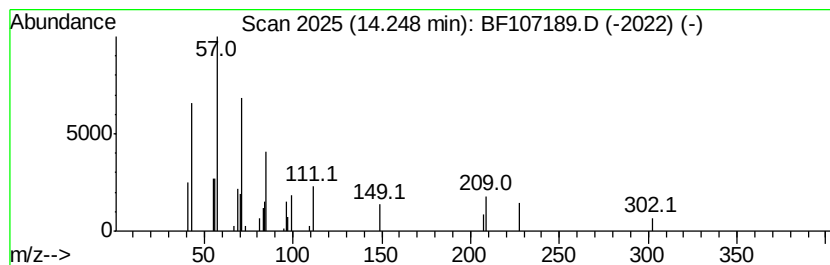
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Peak Number 3 Nonadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.25	5.26 ng	107411	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptadecane	240	C17H36	000629-78-7	64



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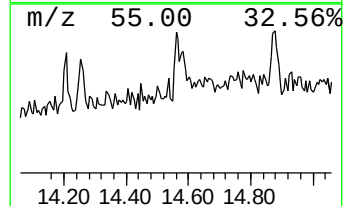
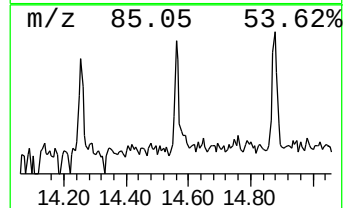
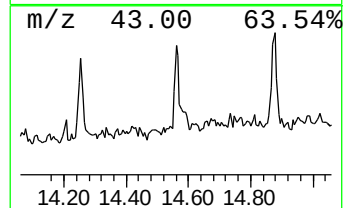
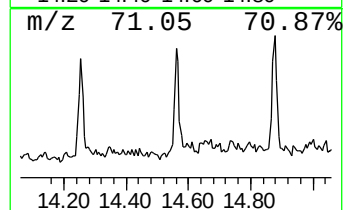
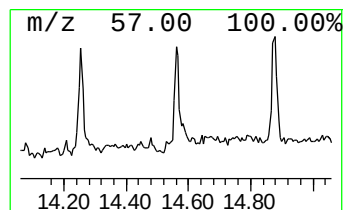
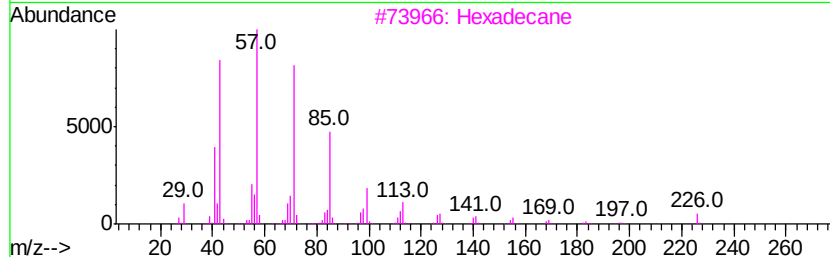
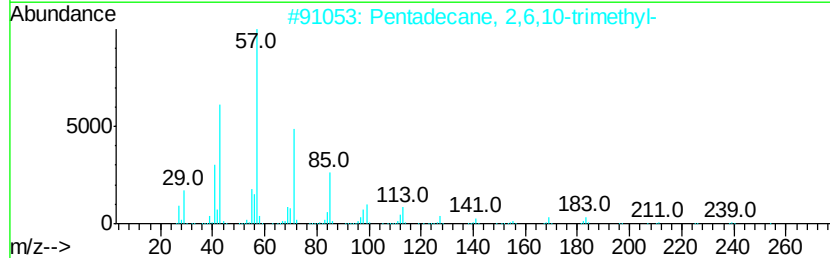
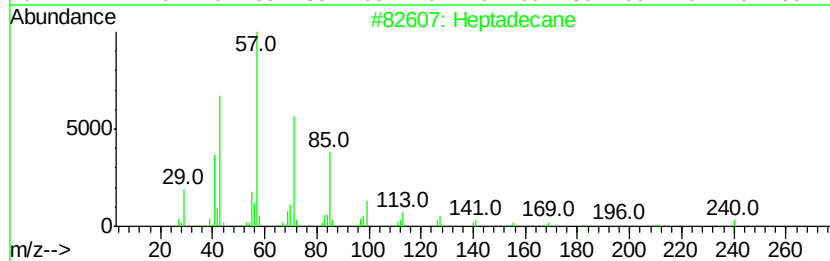
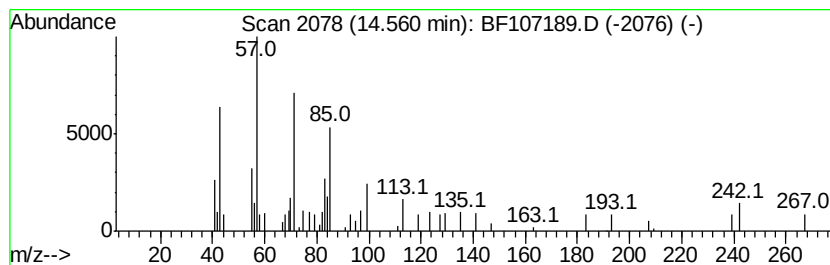
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 4 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.56	5.44 ng	110946	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	59
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
3	Hexadecane	226	C16H34	000544-76-3	50
4	Eicosane	282	C20H42	000112-95-8	50
5	Octadecane	254	C18H38	000593-45-3	50



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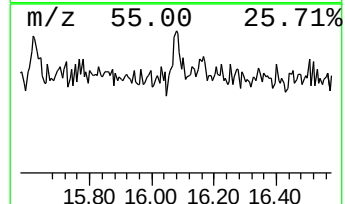
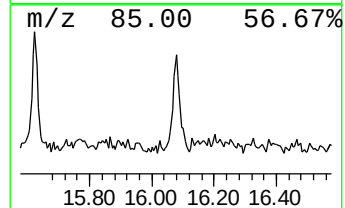
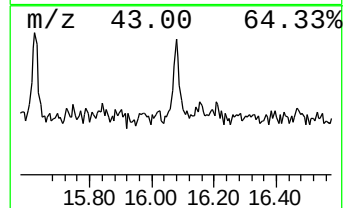
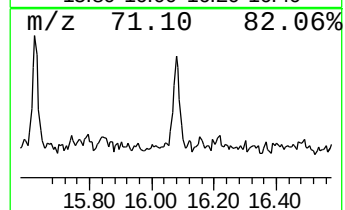
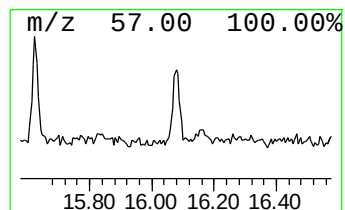
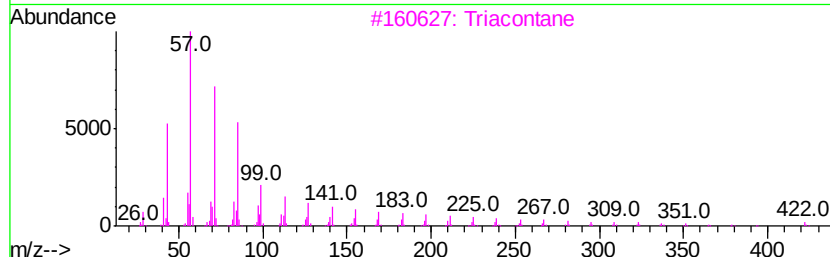
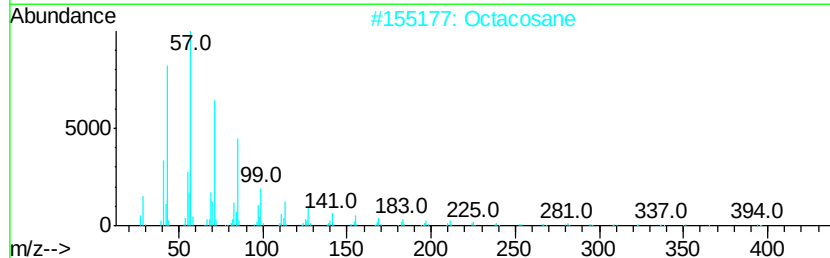
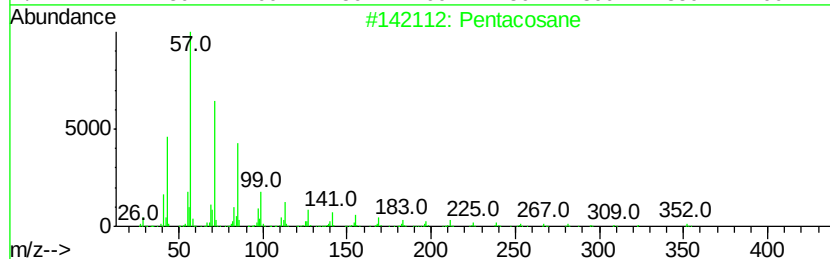
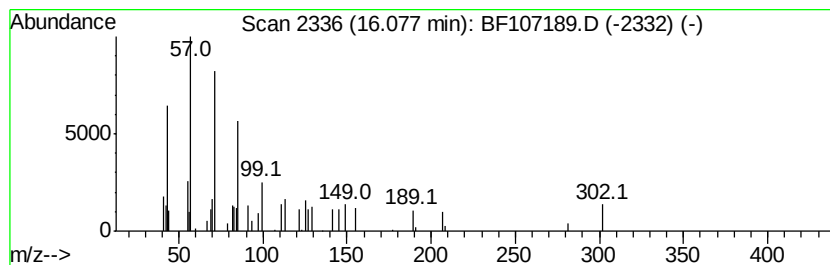
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	41.98 ng	785178	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	64
2	Octacosane		394	C28H58	000630-02-4	58
3	Triacontane		422	C30H62	000638-68-6	53
4	Hexacosane		366	C26H54	000630-01-3	53
5	Docosane		310	C22H46	000629-97-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	10.5	ng	158288	1	6.94	301715	20.0
Cyclohexadecane	13.94	6.8	ng	139560	5	14.13	408077	20.0
Nonadecane, 1-chl...	14.25	5.3	ng	107411	5	14.13	408077	20.0
Heptadecane	14.56	5.4	ng	110946	5	14.13	408077	20.0
Pentacosane	16.08	42.0	ng	785178	6	15.67	374041	20.0