

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083811.D
 Acq On : 15 Dec 2015 11:30
 Operator : UM/IZ
 Sample : G4743-03RE
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8RE

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-BF121315.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	2.178	6	8	15	rVB2	32688	48319	1.26%	0.121%
2	5.093	260	263	272	rVB	661834	995423	25.94%	2.486%
3	5.516	296	300	302	rBV	2819019	3312928	86.34%	8.275%
4	5.904	332	334	337	rVB	45190	45317	1.18%	0.113%
5	6.533	386	389	392	rVB	2387075	2983996	77.76%	7.453%
6	6.670	398	401	404	rBV	2990728	3115619	81.19%	7.782%
7	6.899	419	421	424	rBV	1646799	1429030	37.24%	3.569%
8	7.059	432	435	437	rVB	2852225	2583668	67.33%	6.453%
9	7.459	467	470	473	rBV	1757817	2043499	53.25%	5.104%
10	7.562	476	479	482	rBV	60058	85541	2.23%	0.214%
11	8.190	531	534	536	rBV	1462513	1935282	50.43%	4.834%
12	9.265	625	628	630	rBV	3762867	3837229	100.00%	9.584%
13	9.379	637	638	640	rVB2	78025	80392	2.10%	0.201%
14	9.653	659	662	664	rBV	1125670	957190	24.94%	2.391%
15	9.882	679	682	684	rVB	61050	62334	1.62%	0.156%
16	9.939	684	687	690	rBV	2221371	2117989	55.20%	5.290%
17	10.373	724	725	727	rVB	87206	82365	2.15%	0.206%
18	10.602	741	745	748	rBV	31059	52078	1.36%	0.130%
19	10.728	753	756	758	rBV	2295989	2489270	64.87%	6.218%
20	10.854	765	767	772	rVB	80863	125279	3.26%	0.313%
21	11.299	801	806	807	rBV	90336	94044	2.45%	0.235%
22	11.425	814	817	819	rBV	1929717	2123054	55.33%	5.303%
23	11.471	819	821	826	rVB	34489	59731	1.56%	0.149%
24	11.654	834	837	839	rBV	232533	310746	8.10%	0.776%
25	11.722	841	843	845	rVB	60356	46655	1.22%	0.117%
26	11.985	864	866	868	rVB	60884	59080	1.54%	0.148%
27	12.122	876	878	881	rVB2	57972	91360	2.38%	0.228%
28	12.465	906	908	910	rBV	446033	392848	10.24%	0.981%
29	12.522	910	913	915	rVB2	54084	81420	2.12%	0.203%
30	12.625	920	922	924	rBV	58922	57368	1.50%	0.143%
31	12.831	938	940	943	rBV2	353744	340659	8.88%	0.851%
32	12.888	943	945	949	rVB2	125967	163284	4.26%	0.408%
33	13.002	953	955	958	rVB	2682546	3049919	79.48%	7.618%
34	13.242	974	976	978	rVB	144059	121725	3.17%	0.304%

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 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 >
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35	13.459	992	995	996	rBV	34189	39649	1.03%	0.099%
36	13.539	1000	1002	1004	rVV	207788	213179	5.56%	0.532%
37	13.585	1004	1006	1010	rVB	108079	118039	3.08%	0.295%
38	13.905	1031	1034	1042	rBV	162967	255944	6.67%	0.639%
39	14.054	1044	1047	1049	rBV	1738913	1807706	47.11%	4.515%
40	14.225	1060	1062	1064	rBV	63935	68131	1.78%	0.170%
41	14.271	1064	1066	1075	rVB4	10849	42657	1.11%	0.107%
42	14.534	1084	1089	1091	rBV2	71152	107131	2.79%	0.268%
43	14.831	1111	1115	1120	rBV2	47258	57888	1.51%	0.145%
44	15.071	1134	1136	1142	rVB	27383	53354	1.39%	0.133%
45	15.163	1142	1144	1147	rBV2	38303	49251	1.28%	0.123%
46	15.494	1169	1173	1175	rBV	1217668	1542617	40.20%	3.853%
47	15.540	1175	1177	1184	rVB	37056	69239	1.80%	0.173%
48	16.363	1244	1249	1251	rBV3	24255	62900	1.64%	0.157%
49	16.465	1256	1258	1265	rVB2	20728	45997	1.20%	0.115%
50	17.037	1305	1308	1312	rVB	19705	39475	1.03%	0.099%
51	17.723	1365	1368	1375	rVB3	18101	45889	1.20%	0.115%
52	18.546	1436	1440	1446	rVB3	12999	42390	1.10%	0.106%

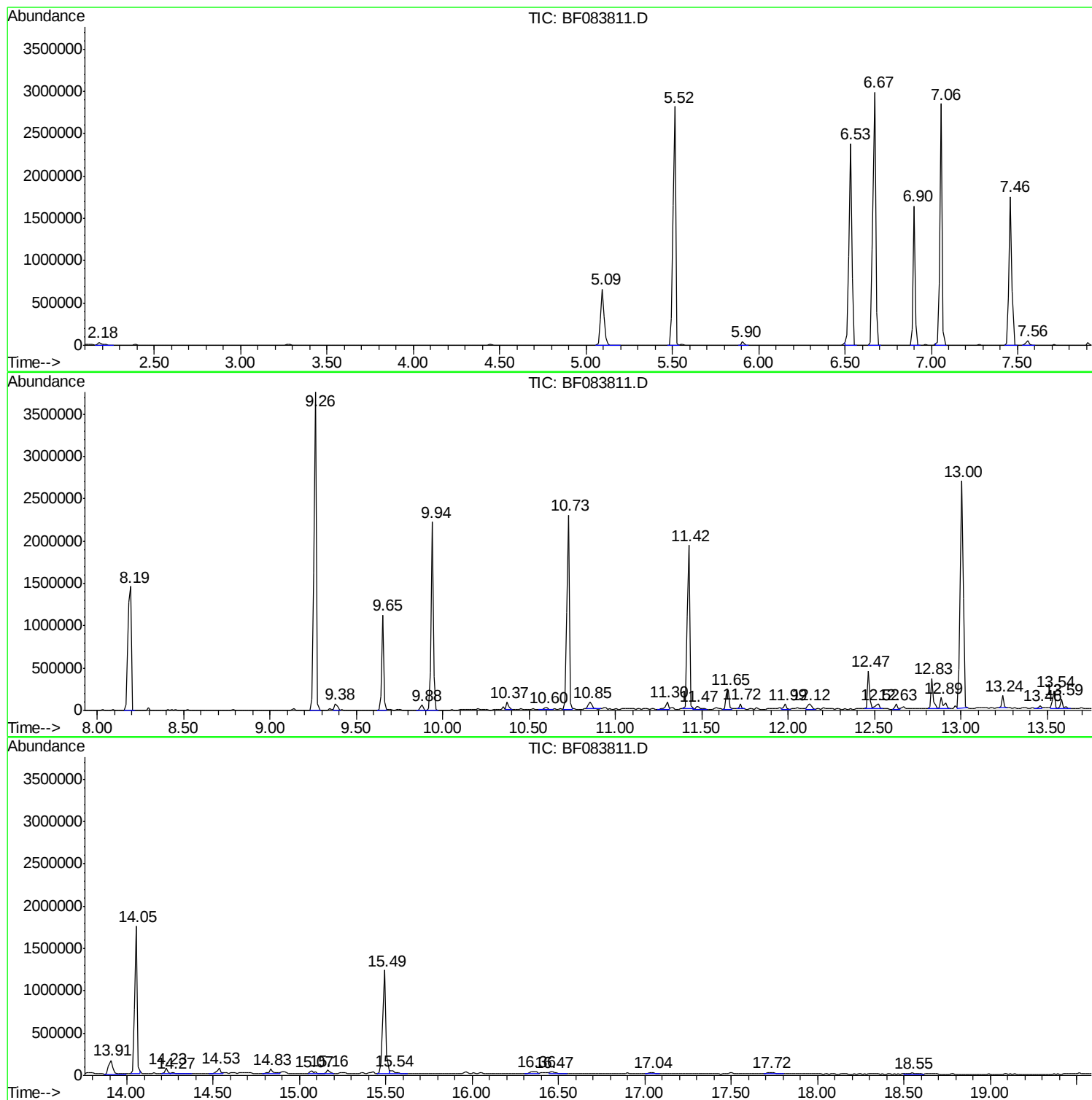
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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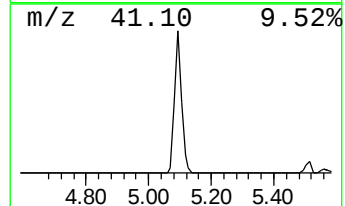
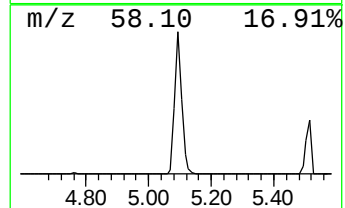
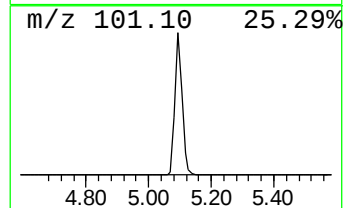
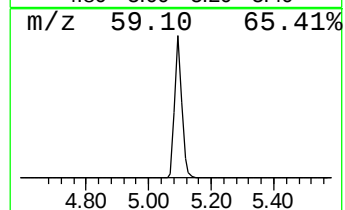
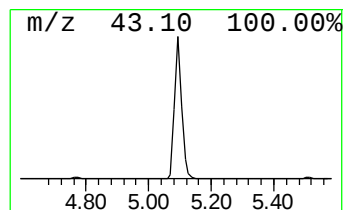
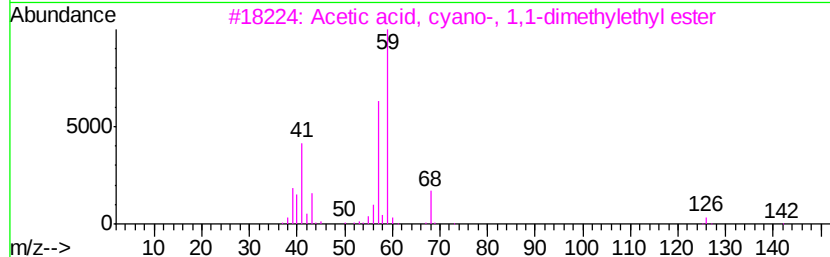
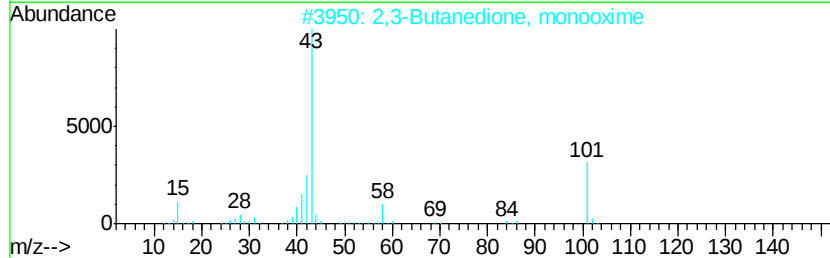
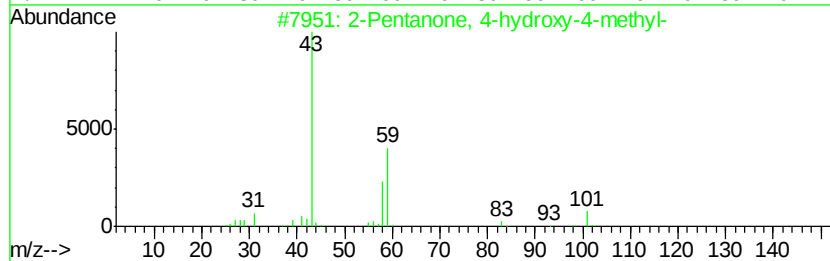
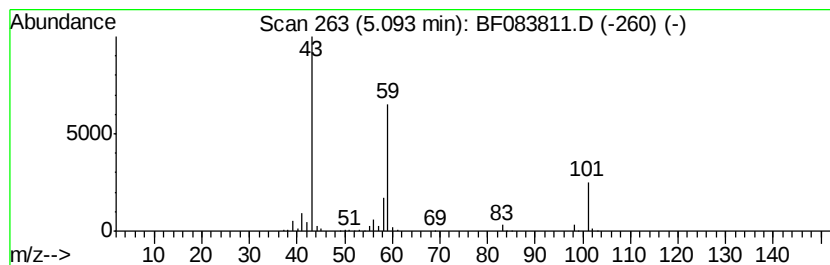
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	13.93 ng	995423	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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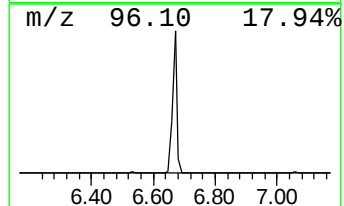
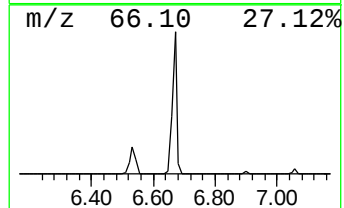
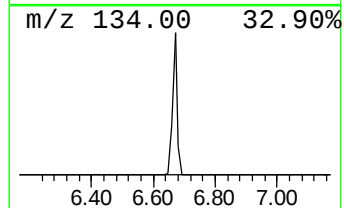
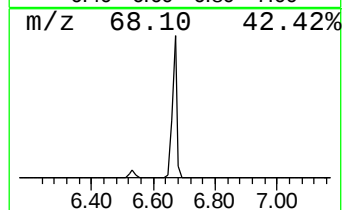
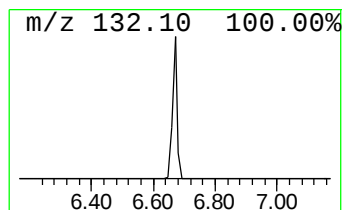
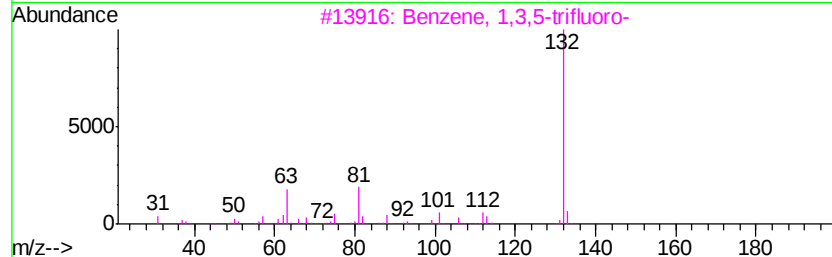
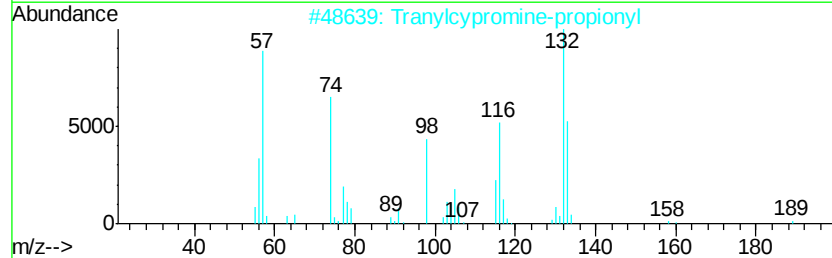
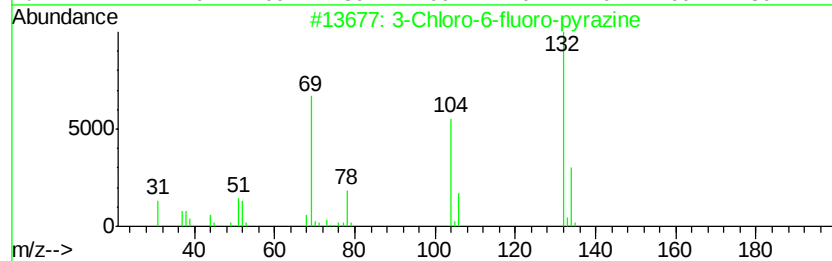
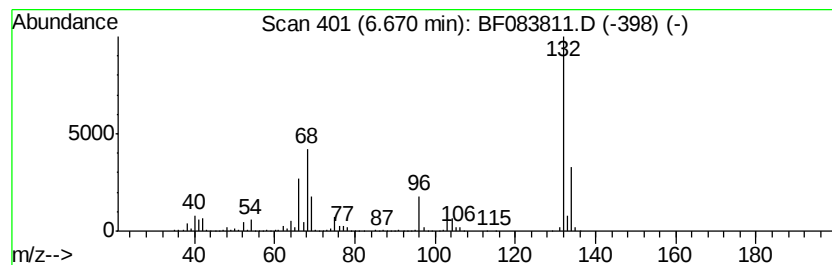
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	43.60 ng	3115620	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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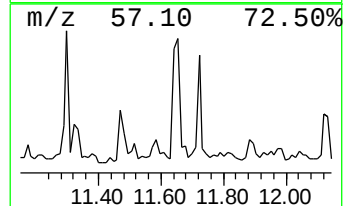
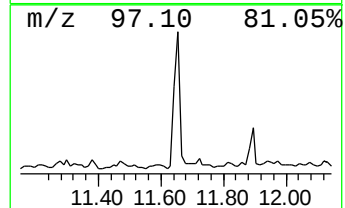
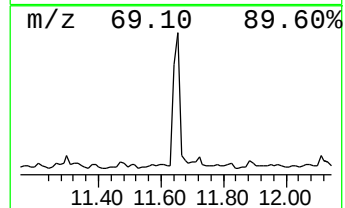
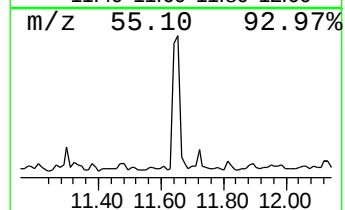
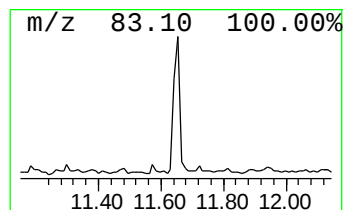
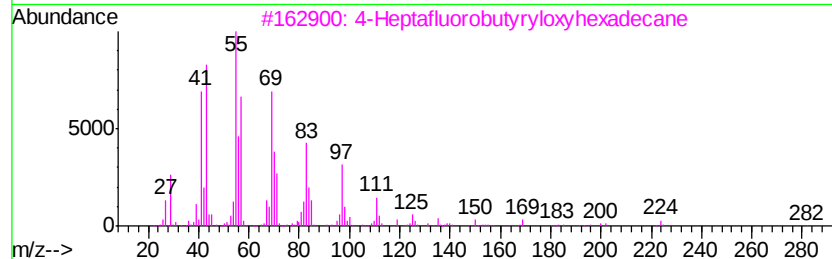
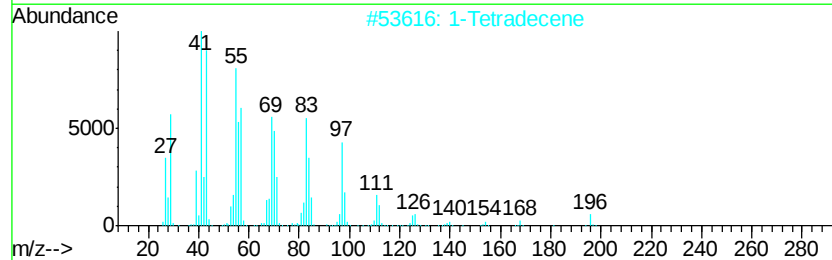
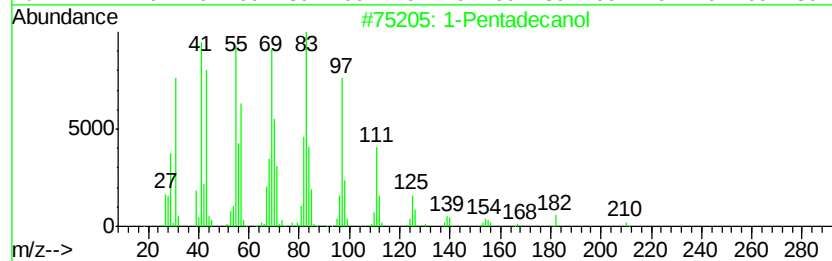
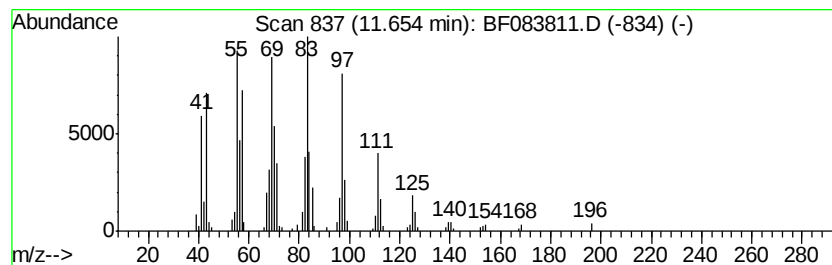
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Pentadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.65	2.93 ng	310746	Phenanthrene-d10		11.43		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecanol	228	C15H32O	000629-76-5	94
2			1-Tetradecene	196	C14H28	001120-36-1	91
3			4-Heptafluorobutyrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4			5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5			1-Hexadecanol	242	C16H34O	036653-82-4	91



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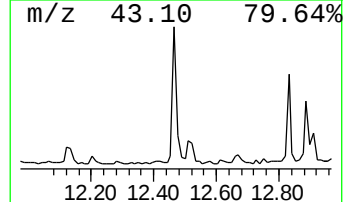
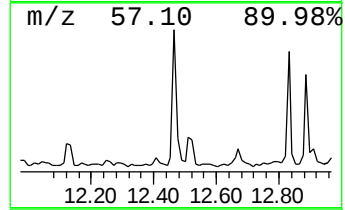
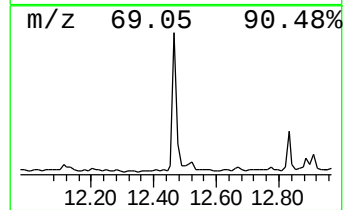
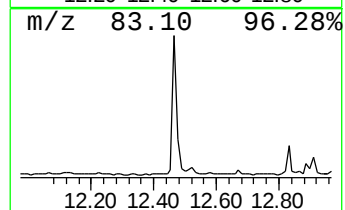
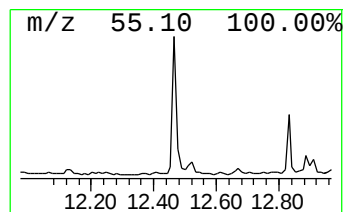
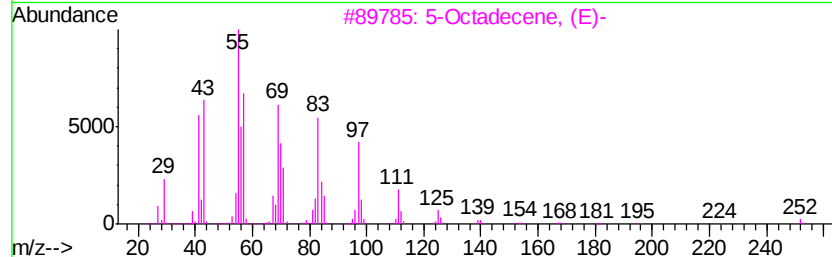
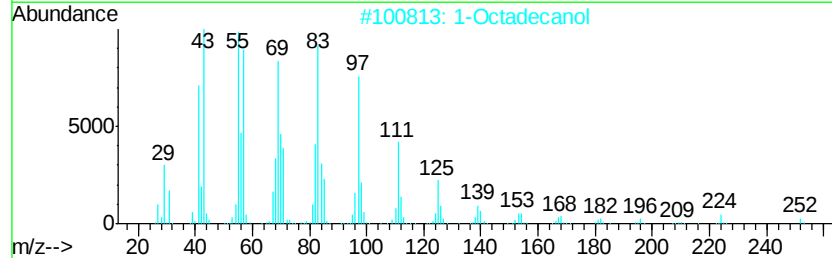
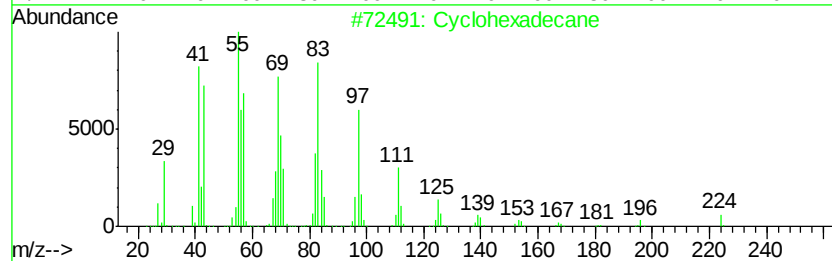
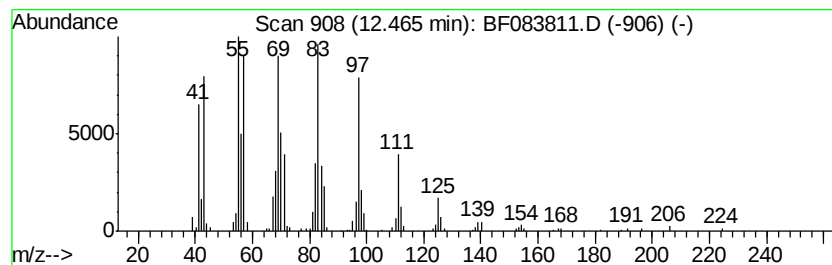
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Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	3.70 ng	392848	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane	224	C16H32	000295-65-8	95
2	1-Octadecanol	270	C18H38O	000112-92-5	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	4-Heptafluorobutvrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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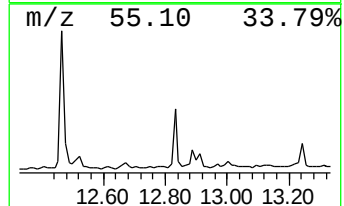
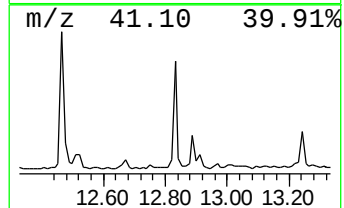
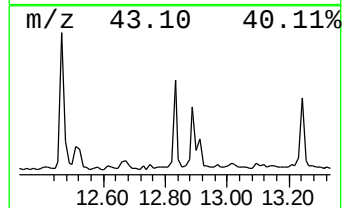
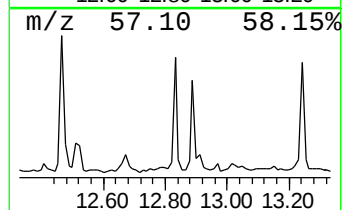
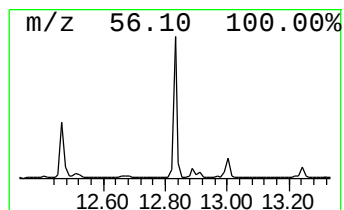
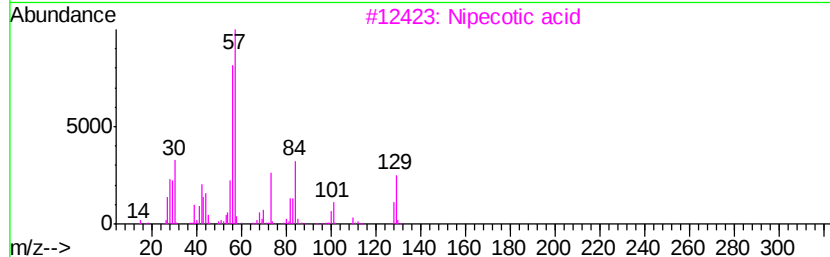
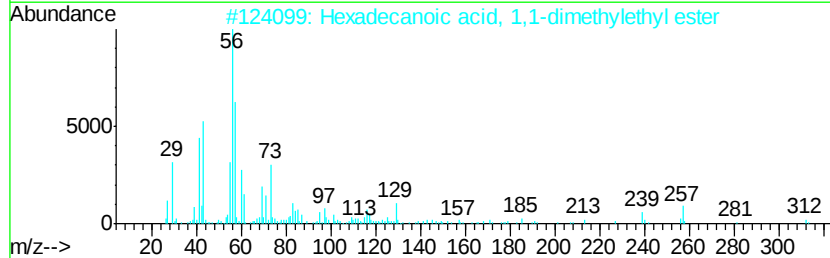
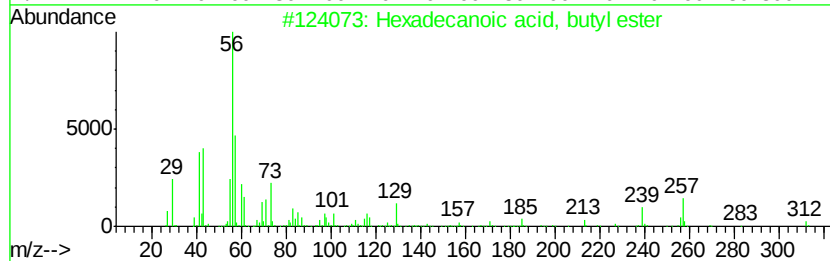
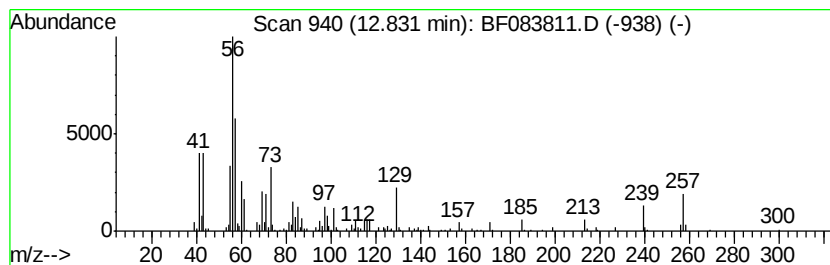
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.77 ng	340659	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3		Nipecotic acid	129	C6H11NO2	000498-95-3	47
4		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
5		Cyclohexanamine	99	C6H13N	000108-91-8	30



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083811.D
Acq On : 15 Dec 2015 11:30
Operator : UM/IZ
Sample : G4743-03RE
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

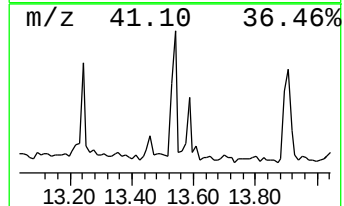
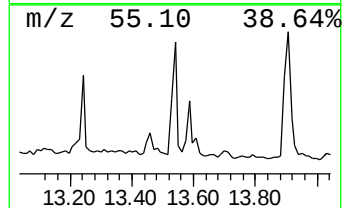
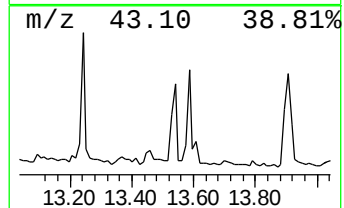
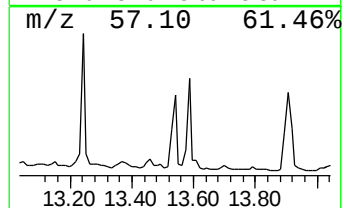
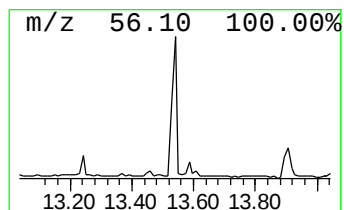
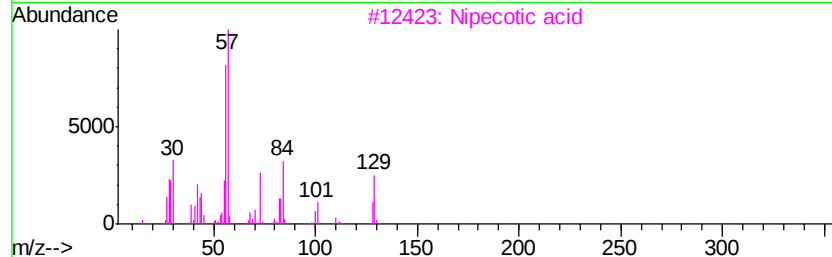
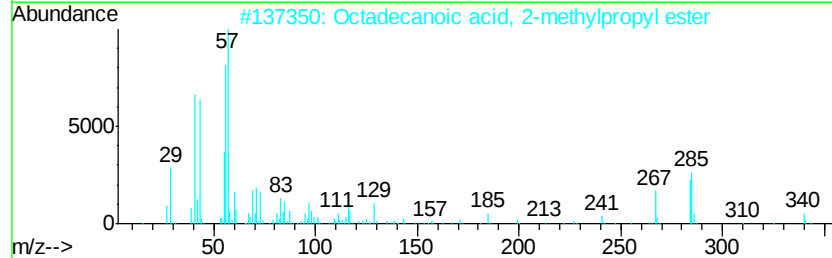
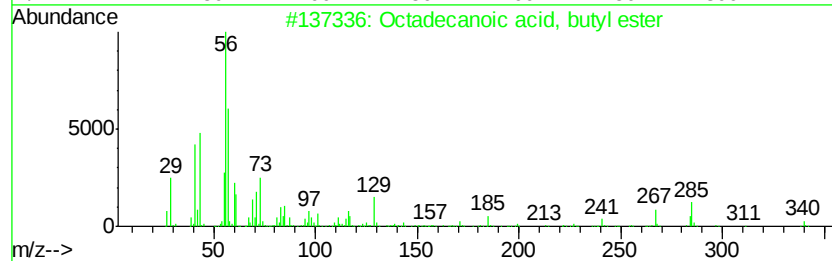
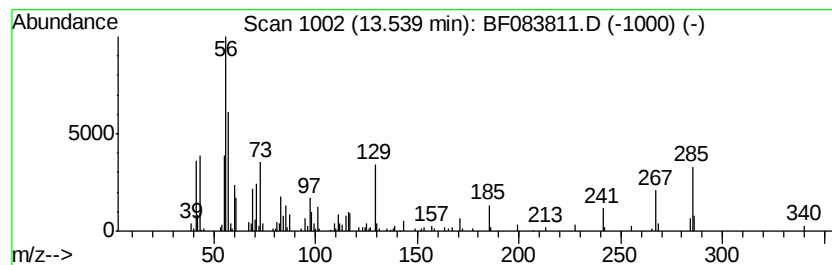
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.36 ng	213179	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Nipecotic acid	129	C6H11NO2	000498-95-3	43
4		n-Butyl myristate	284	C18H36O2	000110-36-1	38
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083811.D
Acq On : 15 Dec 2015 11:30
Operator : UM/IZ
Sample : G4743-03RE
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

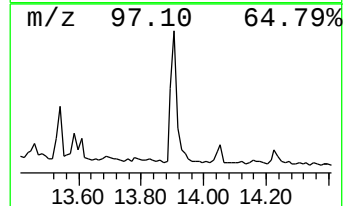
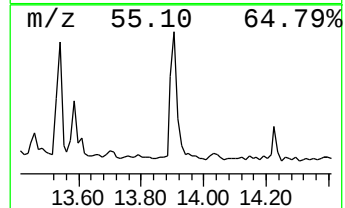
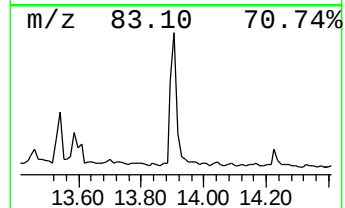
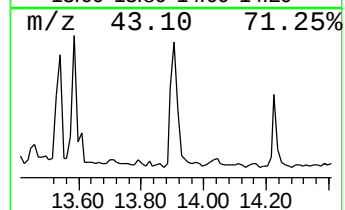
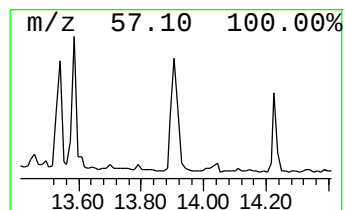
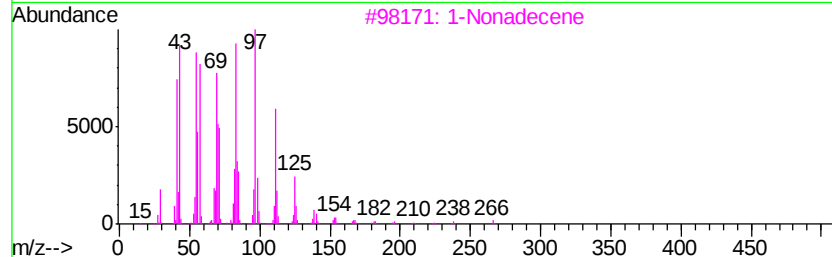
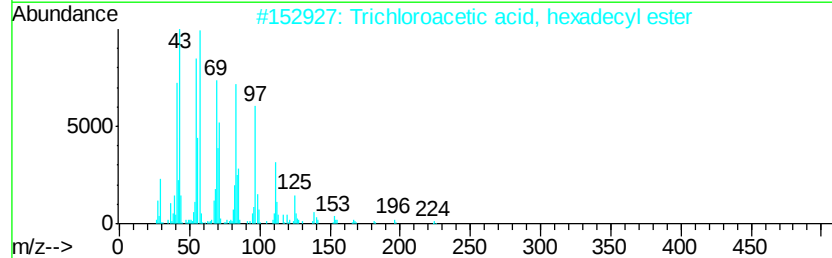
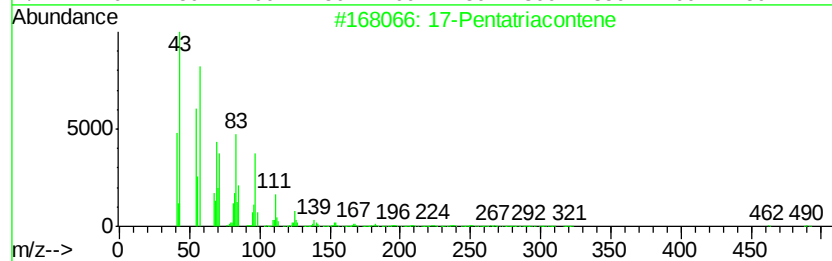
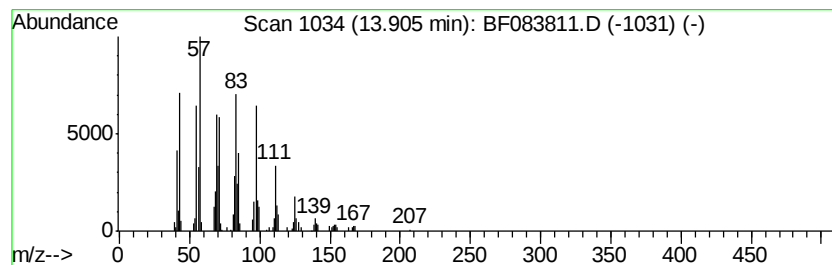
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.83 ng	255944	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
3		1-Nonadecene	266	C19H38	018435-45-5	76
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
5		1-Docosene	308	C22H44	001599-67-3	72



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Sample : G4743-03RE
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.09	13.9	ng	995423	1	6.90	1429030	20.0
unknown6.67	6.67	43.6	ng	3115620	1	6.90	1429030	20.0
1-Pentadecanol	11.65	2.9	ng	310746	4	11.43	2123050	20.0
Cyclohexadecane	12.47	3.7	ng	392848	4	11.43	2123050	20.0
Hexadecanoic acid...	12.83	3.8	ng	340659	5	14.05	1807710	20.0
Octadecanoic acid...	13.54	2.4	ng	213179	5	14.05	1807710	20.0
17-Pentatriacontene	13.91	2.8	ng	255944	5	14.05	1807710	20.0