

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086434.D
 Acq On : 27 Apr 2016 20:04
 Operator : UM/SJ
 Sample : H2724-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-B2(0-5)-C

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-BF042716.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	4.978	250	253	261	rBV	38139	67677	3.05%	0.279%
2	5.390	286	289	292	rBV	2044760	2016554	90.79%	8.305%
3	6.430	378	380	383	rBV	1509906	2185016	98.37%	8.999%
4	6.567	389	392	395	rBV	2367581	2220350	99.96%	9.145%
5	6.807	410	413	415	rBV	570014	757702	34.11%	3.121%
6	6.956	424	426	429	rBV	1817954	1692872	76.22%	6.972%
7	7.367	459	462	464	rBV	1485712	1397171	62.90%	5.754%
8	7.470	469	471	479	rVB	25234	63250	2.85%	0.260%
9	8.087	523	525	534	rBV	1179141	1142556	51.44%	4.706%
10	9.162	617	619	622	rBV	1901804	2221142	100.00%	9.148%
11	9.253	626	627	631	rVB2	14314	26204	1.18%	0.108%
12	9.562	652	654	656	rBV	270910	240791	10.84%	0.992%
13	9.779	671	673	676	rBV	42171	36616	1.65%	0.151%
14	9.836	676	678	680	rVV2	812154	1019454	45.90%	4.199%
15	9.870	680	681	687	rVB	61586	61424	2.77%	0.253%
16	10.042	695	696	700	rBV	22233	24647	1.11%	0.102%
17	10.282	715	717	718	rVB	68462	57700	2.60%	0.238%
18	10.385	725	726	729	rVB	38304	38790	1.75%	0.160%
19	10.499	733	736	739	rVV	30585	47841	2.15%	0.197%
20	10.625	745	747	754	rBV	1163384	1192191	53.67%	4.910%
21	10.750	756	758	763	rVB	108121	131055	5.90%	0.540%
22	10.945	772	775	779	rBV3	11956	25419	1.14%	0.105%
23	11.196	796	797	798	rBV	54674	45498	2.05%	0.187%
24	11.231	798	800	803	rVB2	19459	30349	1.37%	0.125%
25	11.322	806	808	809	rBV	856587	809554	36.45%	3.334%
26	11.391	812	814	817	rVB2	39710	64031	2.88%	0.264%
27	11.562	826	829	833	rBV3	17541	47633	2.14%	0.196%
28	11.619	833	834	838	rVB2	26889	37913	1.71%	0.156%
29	11.848	853	854	856	rVV	32318	29747	1.34%	0.123%
30	11.893	856	858	859	rVV	31745	34407	1.55%	0.142%
31	11.928	859	861	866	rVB	40716	72985	3.29%	0.301%
32	12.145	876	880	883	rVB2	18525	49982	2.25%	0.206%
33	12.374	897	900	901	rBV	18472	28164	1.27%	0.116%
34	12.419	902	904	906	rVB2	22231	28234	1.27%	0.116%

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35	12.534	912	914	916	rBV	233780	313922	14.13%	1.293%
36	12.682	924	927	930	rBV4	11210	22868	1.03%	0.094%
37	12.751	930	933	935	rBV2	213935	315867	14.22%	1.301%
38	12.785	935	936	940	rVB4	27413	43781	1.97%	0.180%
39	12.842	940	941	944	rBV	37451	53395	2.40%	0.220%
40	12.911	944	947	949	rBV	1063892	1402234	63.13%	5.775%
41	13.082	961	962	965	rVB2	60326	71694	3.23%	0.295%
42	13.151	965	968	969	rBV	56438	73539	3.31%	0.303%
43	13.185	969	971	976	rVV3	51123	80647	3.63%	0.332%
44	13.276	978	979	981	rVB	30974	26736	1.20%	0.110%
45	13.482	995	997	1000	rVB	59729	75247	3.39%	0.310%
46	13.596	1004	1007	1009	rVV2	36066	54765	2.47%	0.226%
47	13.699	1014	1016	1018	rBV	28333	43946	1.98%	0.181%
48	13.814	1024	1026	1029	rVB2	90514	109402	4.93%	0.451%
49	13.951	1035	1038	1045	rBV2	749402	1198376	53.95%	4.936%
50	14.054	1045	1047	1049	rVV2	29067	36339	1.64%	0.150%
51	14.134	1052	1054	1056	rBV2	46624	58799	2.65%	0.242%
52	14.339	1070	1072	1073	rBV	31249	35489	1.60%	0.146%
53	14.431	1079	1080	1083	rBV2	61892	134693	6.06%	0.555%
54	14.728	1104	1106	1107	rBV	39438	52752	2.37%	0.217%
55	14.865	1116	1118	1121	rVB	149709	161025	7.25%	0.663%
56	14.968	1124	1127	1131	rBV	152845	363847	16.38%	1.499%
57	15.071	1132	1136	1142	rVV3	112295	376834	16.97%	1.552%
58	15.242	1149	1151	1154	rVB	94544	123020	5.54%	0.507%
59	15.300	1154	1156	1159	rBV	107061	139141	6.26%	0.573%
60	15.357	1159	1161	1168	rVV	402604	806619	36.32%	3.322%
61	15.814	1198	1201	1203	rBV	62730	102125	4.60%	0.421%
62	17.128	1314	1316	1320	rVB	35372	58290	2.62%	0.240%

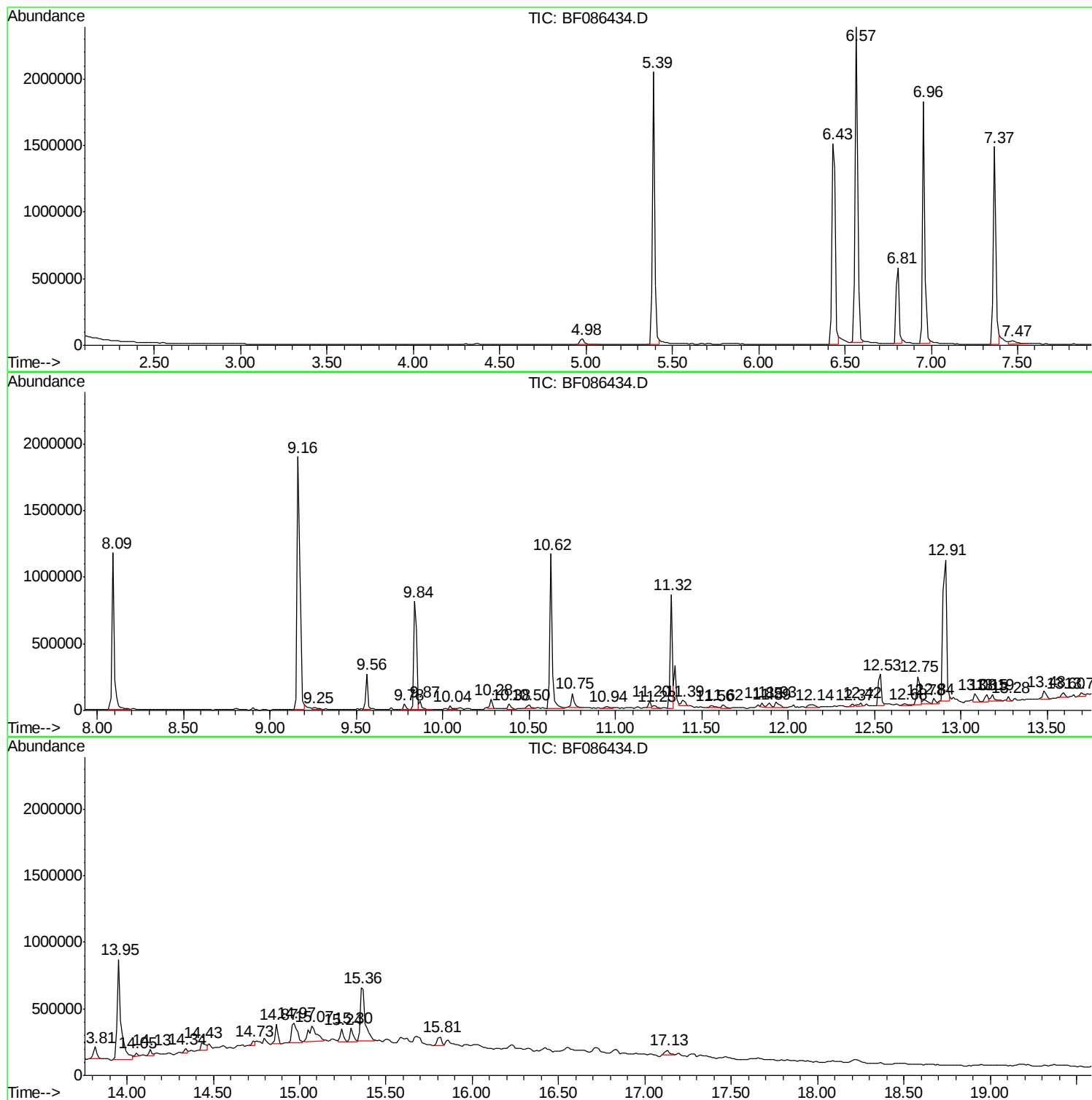
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ClientSampled :
TH-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
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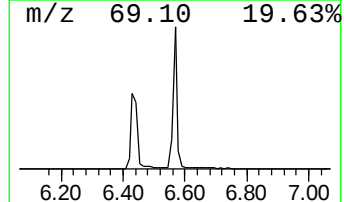
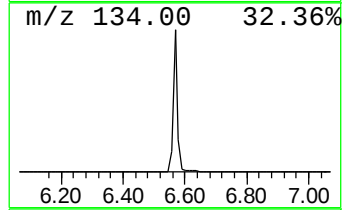
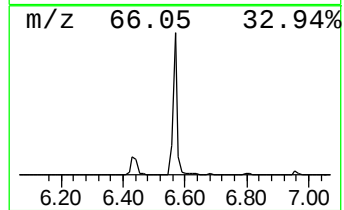
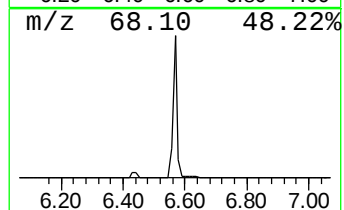
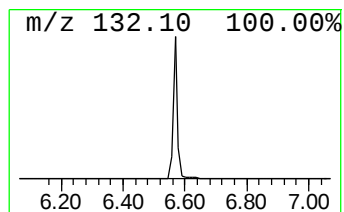
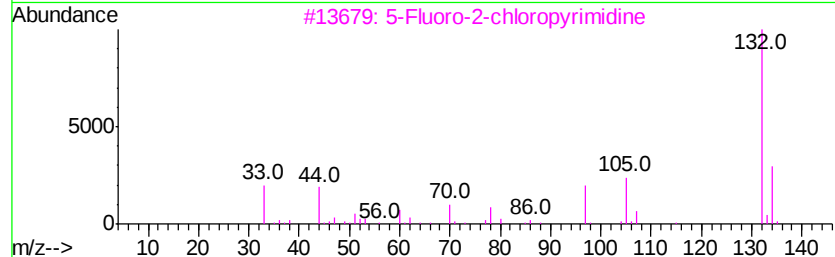
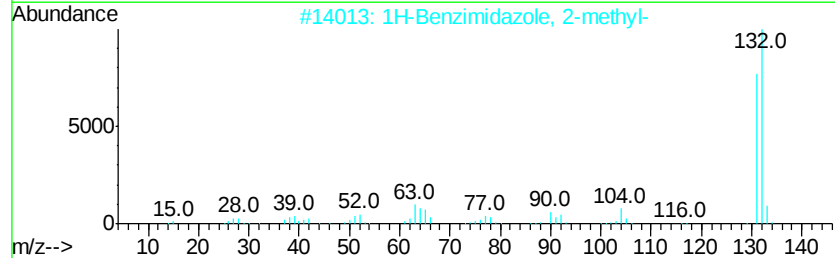
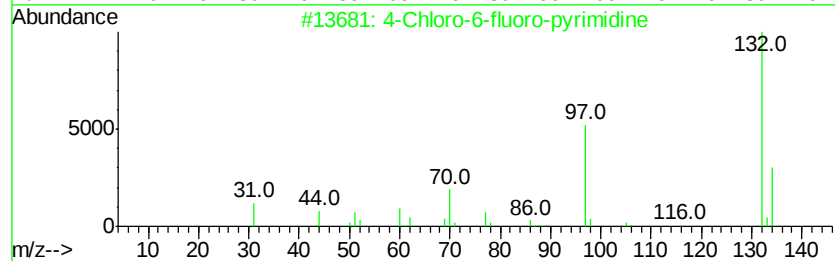
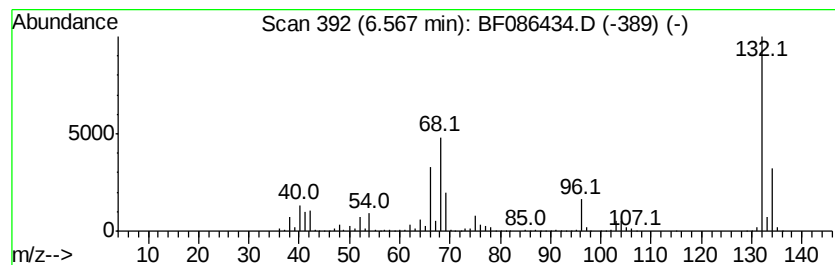
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	58.61 ng	2220350	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27		
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22		
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12		
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10		
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9		



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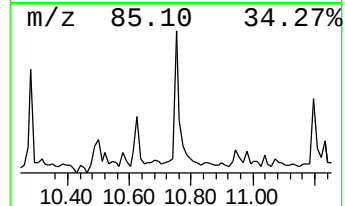
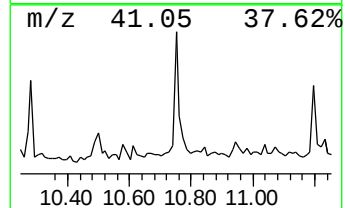
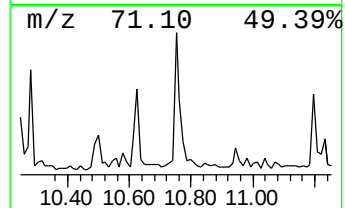
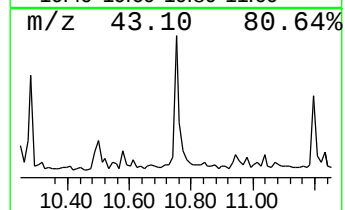
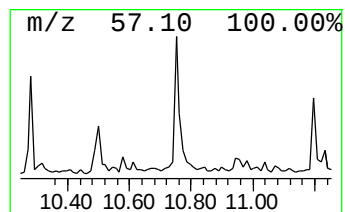
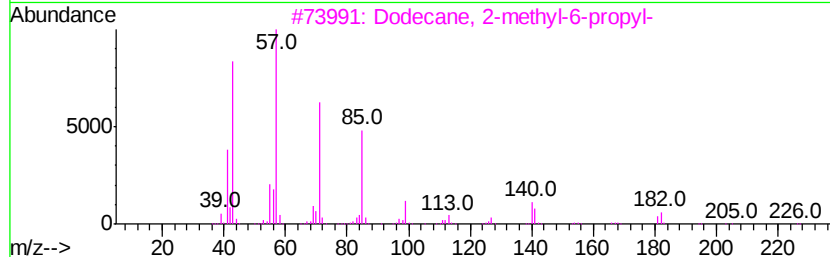
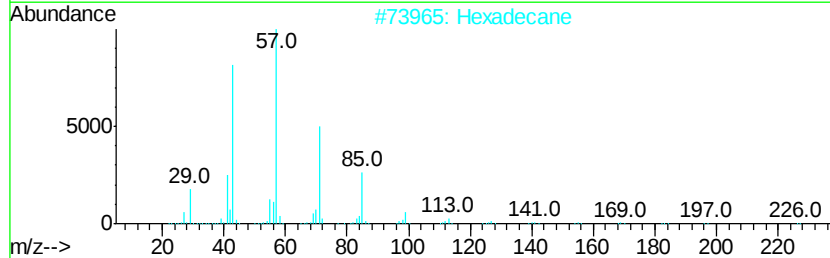
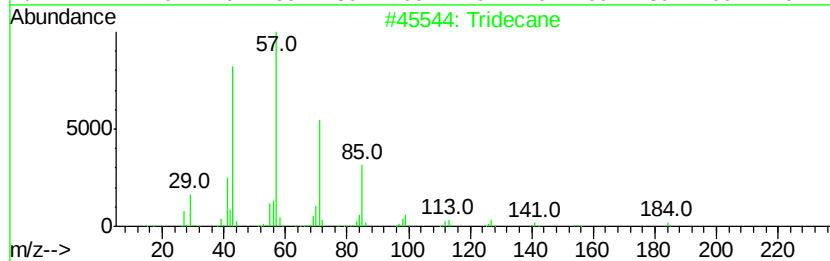
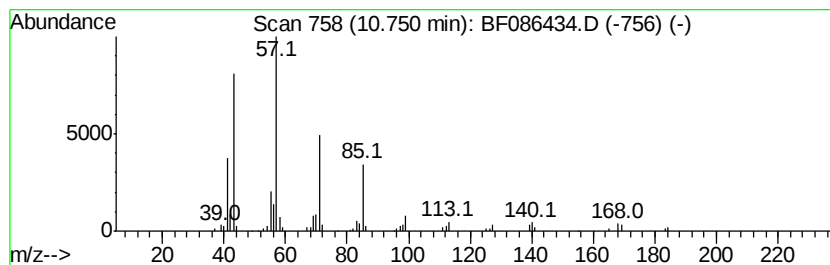
Instrument :
BNA_F
ClientSampleId :
TH-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.75	3.24 ng	131055	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	74
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



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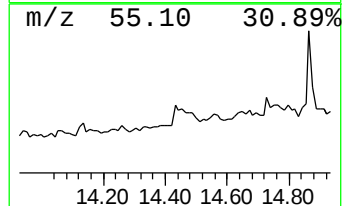
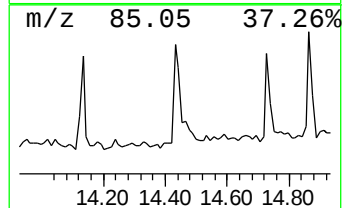
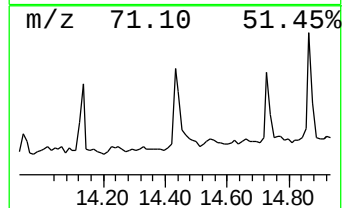
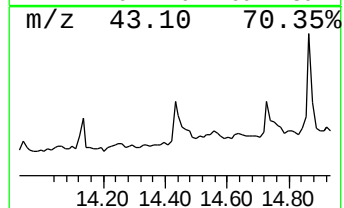
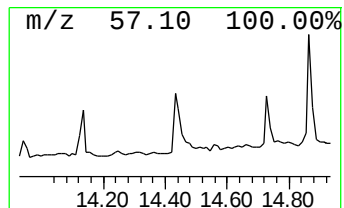
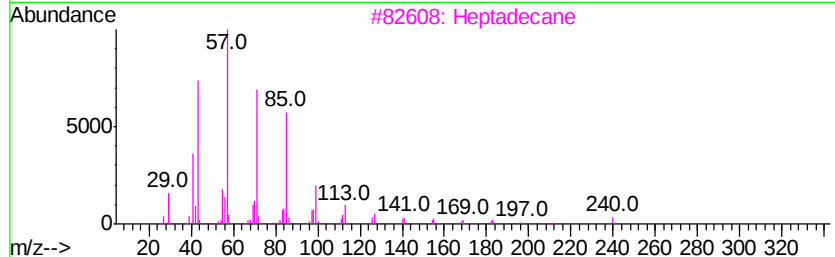
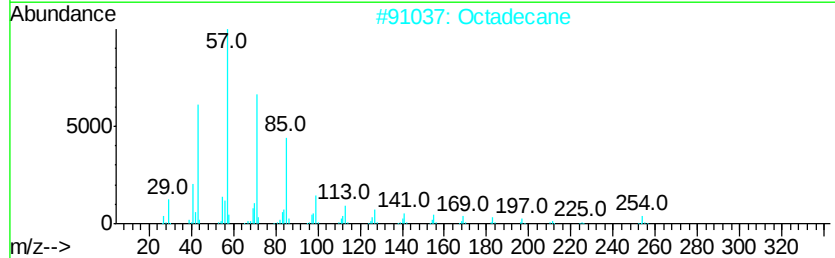
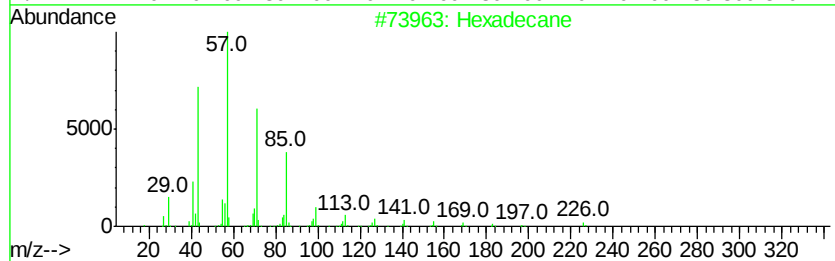
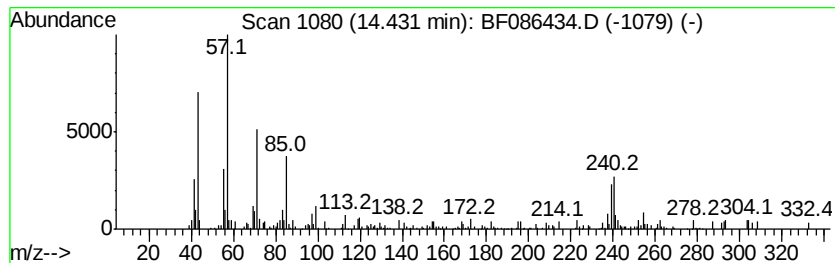
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.25 ng	134693	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Octadecane	254	C18H38	000593-45-3	60
3		Heptadecane	240	C17H36	000629-78-7	60
4		Tetradecane	198	C14H30	000629-59-4	46
5		Octacosane	394	C28H58	000630-02-4	46



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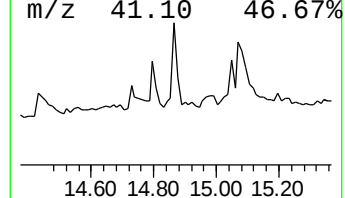
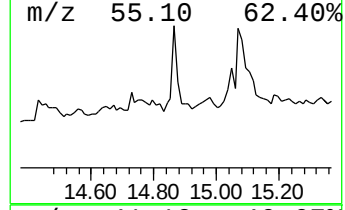
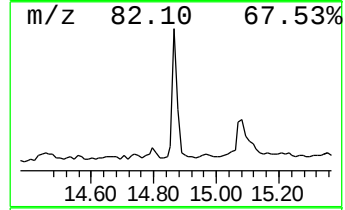
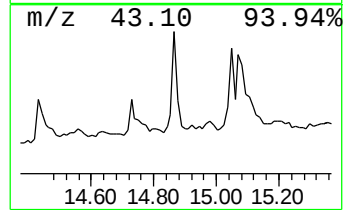
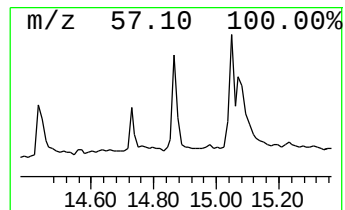
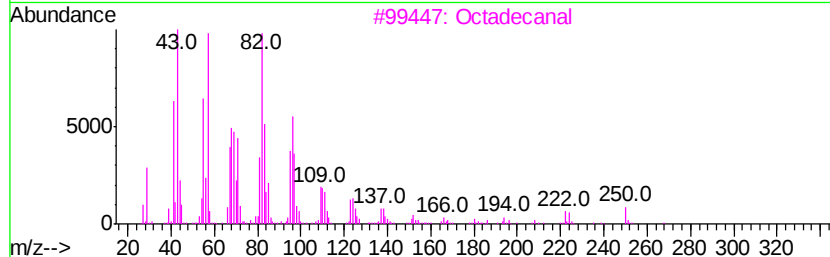
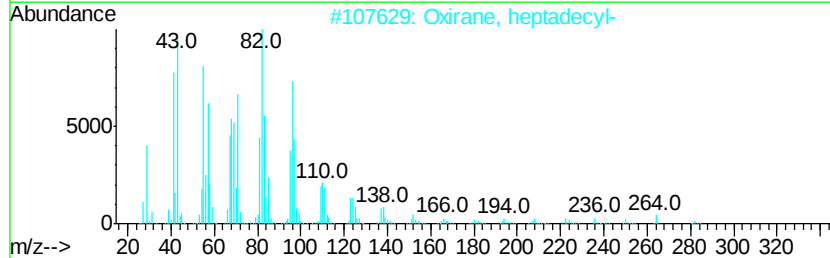
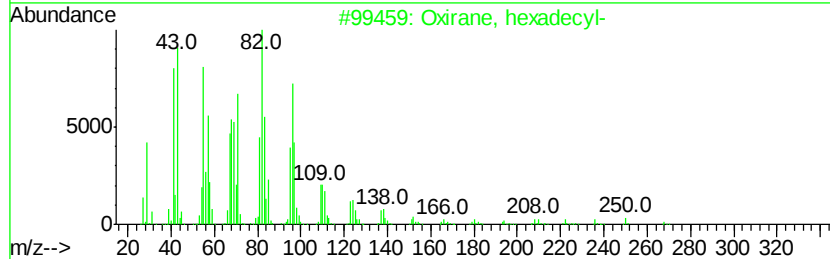
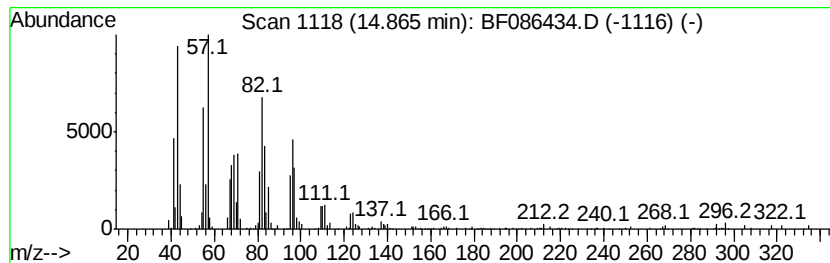
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.87	3.99 ng	161025	Perylene-d12	15.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Pentadecanal-	226	C15H30O	002765-11-9	87
5	1,19-Eicosadiene	278	C20H38	014811-95-1	76



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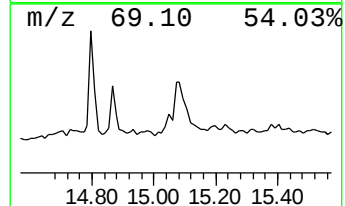
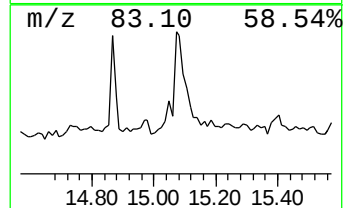
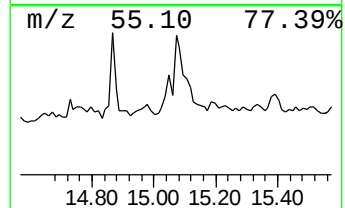
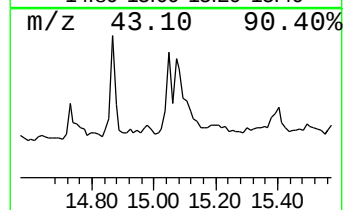
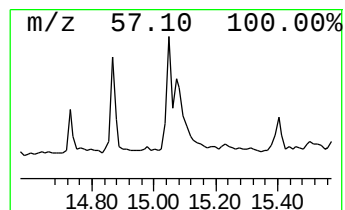
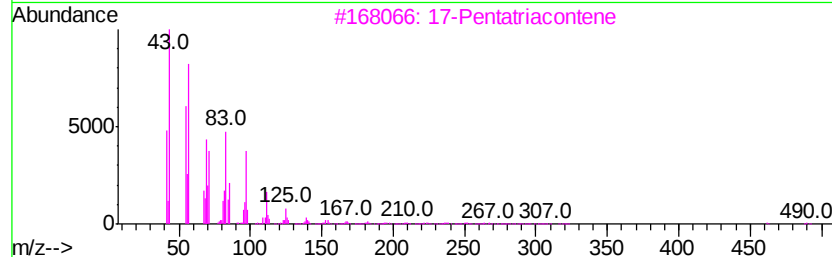
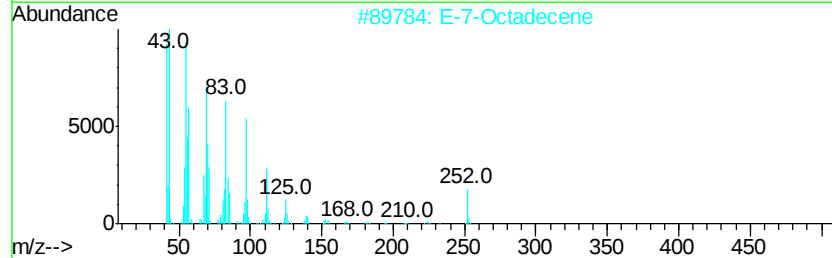
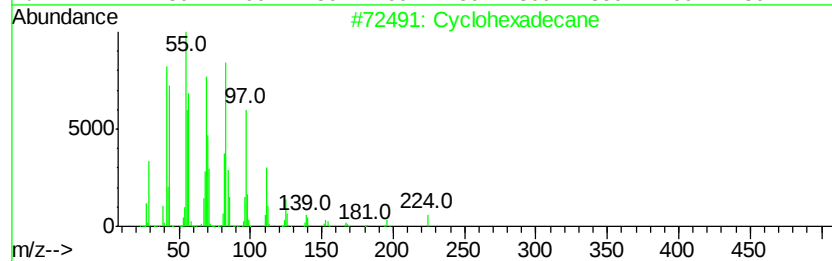
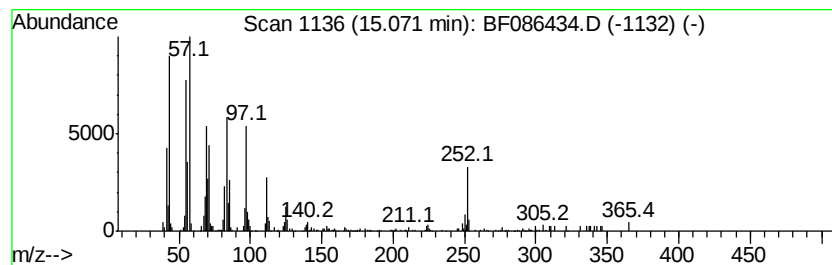
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	9.34 ng	376834	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		E-7-Octadecene	252	C18H36	1000130-92-0	90
3		17-Pentatriacontene	491	C35H70	006971-40-0	76
4		Cyclotetracosane	336	C24H48	000297-03-0	76
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086434.D
Acq On : 27 Apr 2016 20:04
Operator : UM/SJ
Sample : H2724-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-B2(0-5)-C

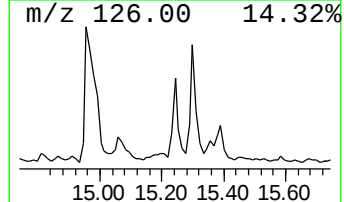
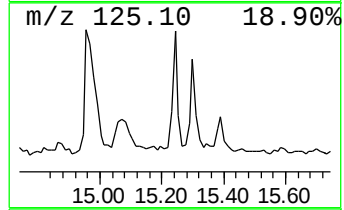
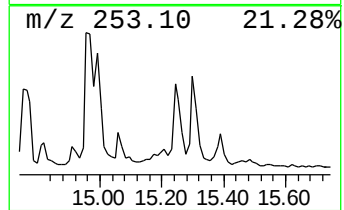
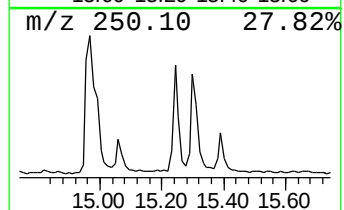
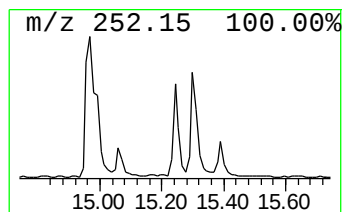
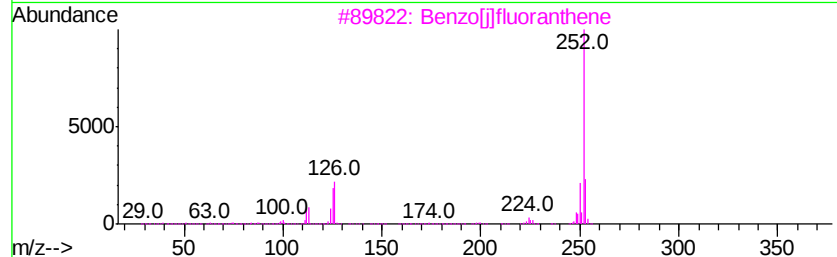
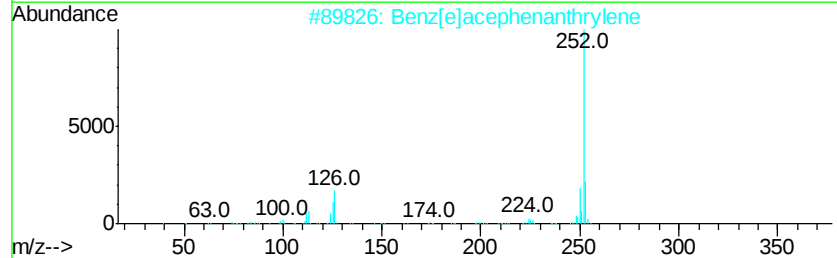
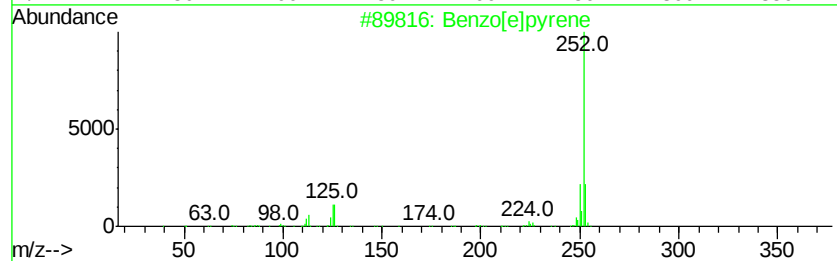
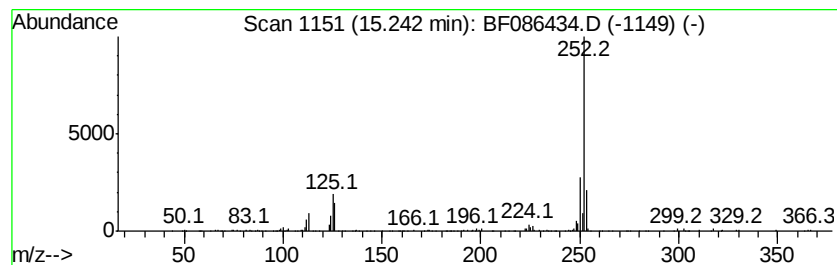
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.05 ng	123020	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086434.D
Acq On : 27 Apr 2016 20:04
Operator : UM/SJ
Sample : H2724-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-B2(0-5)-C

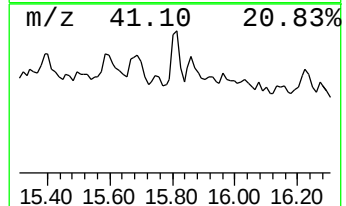
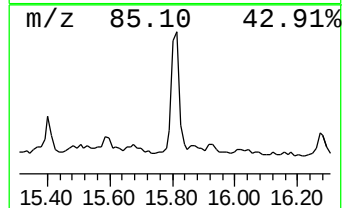
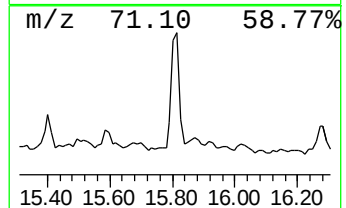
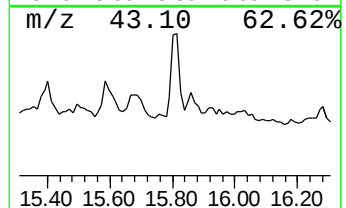
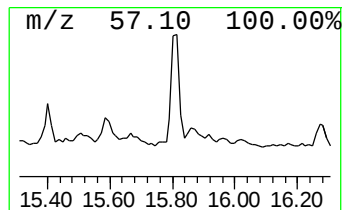
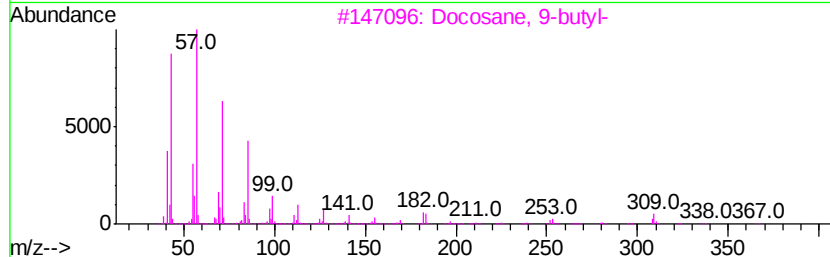
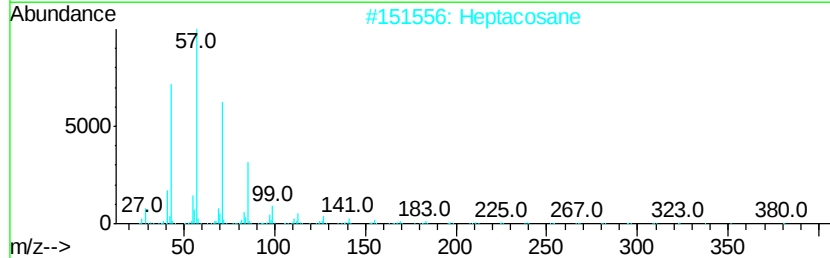
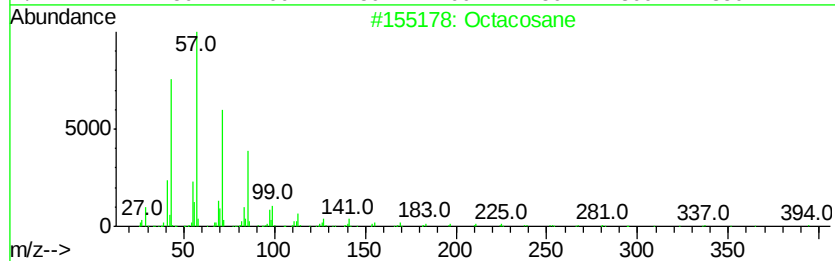
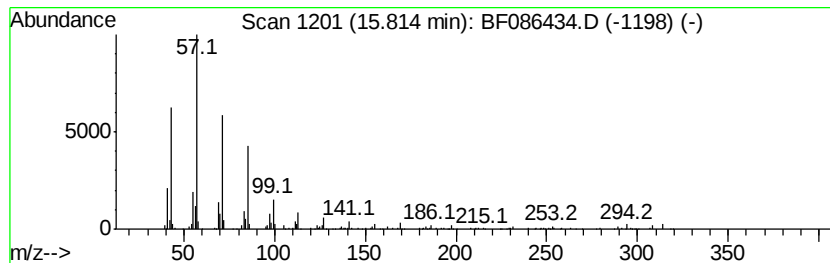
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.53 ng	102125	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086434.D
Acq On : 27 Apr 2016 20:04
Operator : UM/SJ
Sample : H2724-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
unknown6.57	6.57	58.6	ng	2220350	1	6.81	757702	20.0
Tridecane	10.75	3.2	ng	131055	4	11.32	809554	20.0
Hexadecane	14.43	2.3	ng	134693	5	13.95	1198380	20.0
Oxirane, hexadecyl-	14.87	4.0	ng	161025	6	15.37	806619	20.0
Cyclohexadecane	15.07	9.3	ng	376834	6	15.37	806619	20.0
Benzo[e]pyrene	15.24	3.0	ng	123020	6	15.37	806619	20.0
Octacosane	15.81	2.5	ng	102125	6	15.37	806619	20.0