LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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	4.784	233	236	244	rVB	416503	466057	28.54%	2.157%
2	5.241	274	276	279	rBV	1227970	1190678	72.91%	5.509%
3	6.304	367	369	372	rBV	1524729	1307469	80.06%	6.050%
4	6.430	377	380	382	rBV	965829	1289255	78.95%	5.966%
5	6.659	398	400	402	rBV	1365068	1147572	70.27%	5.310%
6	6.807	411	413	416	rBV	782936	1003086	61.42%	4.641%
7	7.230	447	450	452	rBV	761640	849105	51.99%	3.929%
8	7.950	510	513	514	rBV	1397315	1434236	87.82%	6.636%
9	9.025	604	607	609	rBV	1987290	1633065	100.00%	7.556%
10	9.070	609	611	613	rVV	74679	123729	7.58%	0.573%
11	9.116	613	615	616	rVV	42089	53901	3.30%	0.249%
12	9.139	616	617	619	rVV	102976	74878	4.59%	0.346%
13	9.196	620	622	625	rVV2	43068	46775	2.86%	0.216%
14	9.356	634	636	637	rBV	26928	24283	1.49%	0.112%
15	9.425	640	642	644	rVV	171000	134747	8.25%	0.623%
16	9.550	652	653	655	rVB2	16903	20055	1.23%	0.093%
17	9.642	659	661	663	rBV	39780	33434	2.05%	0.155%
18	9.699	663	666	668	rBV	1367286	1457298	89.24%	6.743%
19	9.905	680	684	685	rBV4	15618	25489	1.56%	0.118%
20	10.008	691	693	695	rBV2	17535	24669	1.51%	0.114%
21	10.111	697	702	703	rVV	58732	100846	6.18%	0.467%
22	10.145	703	705	709	rVV2	51681	133592	8.18%	0.618%
23	10.225	709	712	717	rVB2	35511	73612	4.51%	0.341%
24	10.362	722	724	725	rVB2	15495	19123	1.17%	0.088%
25	10.476	732	734	736	rBV	685656	633438	38.79%	2.931%
26	10.613	744	746	751	rVB	60282	72245	4.42%	0.334%
27	10.785	759	761	762	rBV	22562	29047	1.78%	0.134%
28	10.808	762	763	765	rVB2	17912	22984	1.41%	0.106%
29	11.059	783	785	792	rVB2	45133	83026	5.08%	0.384%
30	11.173	792	795	796	rBV	1563201	1362072	83.41%	6.302%
31	11.196	796	797	799	rVV	223898	161206	9.87%	0.746%
32	11.242	799	801	803	rVB2	30131	34235	2.10%	0.158%
33	11.482	820	822	825	rVB2	24813	41408	2.54%	0.192%
34	11.585	829	831	833	rVB	18571	20919	1.28%	0.097%

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Sample : H1329-02 5X
Misc :
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Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.676	837	839	840	rBV	72322	76316	4.67%	0.353%
36	11.699	840	841	844	rVB	104926	88641	5.43%	0.410%
37	11.745	844	845	847	rBV	26165	32346	1.98%	0.150%
38	11.779	847	848	854	rVB	100006	151319	9.27%	0.700%
39	11.894	854	858	861	rBV	65057	99209	6.08%	0.459%
40	11.974	861	865	870	rVB4	28548	71515	4.38%	0.331%
41	12.065	870	873	875	rBV4	10666	27520	1.69%	0.127%
42	12.122	875	878	879	rBV2	18273	28607	1.75%	0.132%
43	12.145	879	880	885	rVB2	34838	57428	3.52%	0.266%
44	12.225	885	887	888	rBV	71448	86712	5.31%	0.401%
45	12.259	888	890	891	rVV	33446	49572	3.04%	0.229%
46	12.305	893	894	896	rBV2	32061	37930	2.32%	0.176%
47	12.374	899	900	903	rBV	119590	143322	8.78%	0.663%
48	12.442	903	906	907	rBV2	12975	23780	1.46%	0.110%
49	12.534	910	914	916	rBV3	11684	30607	1.87%	0.142%
50	12.602	918	920	922	rBV2	426846	526579	32.24%	2.437%
51	12.648	922	924	925	rVV2	29702	35064	2.15%	0.162%
52	12.671	925	926	928	rVB	101808	83394	5.11%	0.386%
53	12.762	931	934	936	rVV	841843	1134350	69.46%	5.249%
54	12.831	937	940	941	rBV	26111	43129	2.64%	0.200%
55	12.934	946	949	951	rVB	41562	61515	3.77%	0.285%
56	13.002	951	955	957	rBV2	56776	78419	4.80%	0.363%
57	13.037	957	958	962	rVB	41006	42711	2.62%	0.198%
58	13.128	964	966	967	rBV	45316	40539	2.48%	0.188%
59	13.162	967	969	970	rBV	29999	27564	1.69%	0.128%
60	13.242	974	976	979	rBV3	23198	39666	2.43%	0.184%
61	13.299	979	981	983	rBV	245347	227797	13.95%	1.054%
62	13.345	983	985	989	rVB3	58134	95455	5.85%	0.442%
63	13.677	1011	1014	1018	rVB2	84764	120584	7.38%	0.558%
64	13.802	1022	1025	1027	rBV	1088114	1119927	68.58%	5.182%
65	13.985	1039	1041	1044	rVB	46600	57804	3.54%	0.267%
66	14.294	1066	1068	1073	rBV2	57829	106155	6.50%	0.491%
67	14.591	1092	1094	1097	rVB2	65319	63412	3.88%	0.293%
68	14.797	1110	1112	1116	rVV	51528	87573	5.36%	0.405%
69	14.888	1118	1120	1122	rVB	61684	62006	3.80%	0.287%
70	15.060	1133	1135	1138	rVV	30053	38207	2.34%	0.177%
71	15.117	1138	1140	1142	rVV	50583	62209	3.81%	0.288%

LSC Area Percent Report

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Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.174	1142	1145	1147	rVV	700284	879380	53.85%	4.069%
73	15.220	1147	1149	1154	rVB	59537	86575	5.30%	0.401%
74	15.597	1179	1182	1186	rBV	43618	95121	5.82%	0.440%
75	15.768	1195	1197	1205	rVB8	37186	91541	5.61%	0.424%
76	16.031	1218	1220	1225	rVB2	33609	54717	3.35%	0.253%
77	16.145	1227	1230	1236	rVB4	36668	79673	4.88%	0.369%
78	16.637	1271	1273	1276	rVB4	21194	38256	2.34%	0.177%

Sum of corrected areas: 21611680

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084886.D
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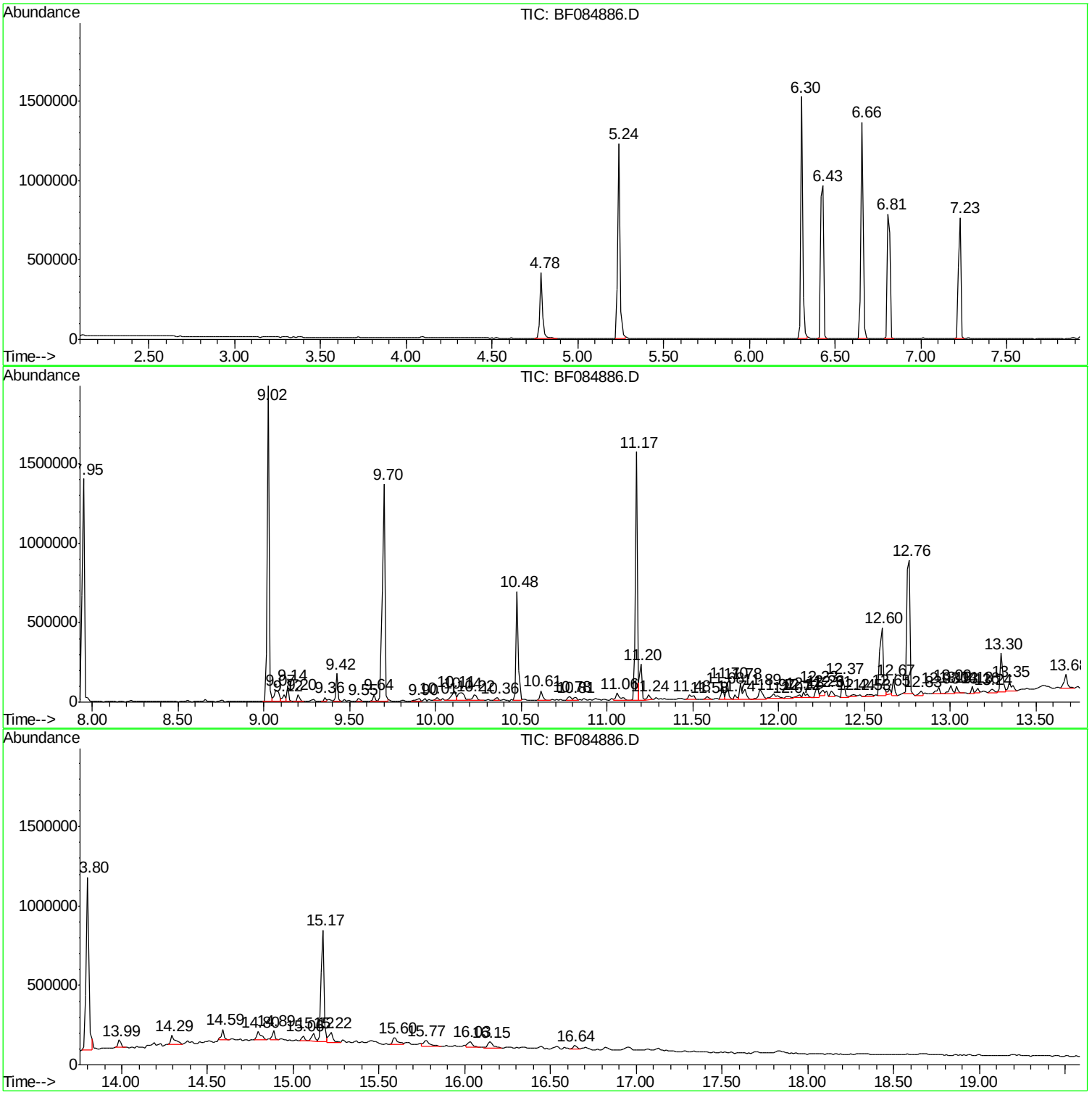
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

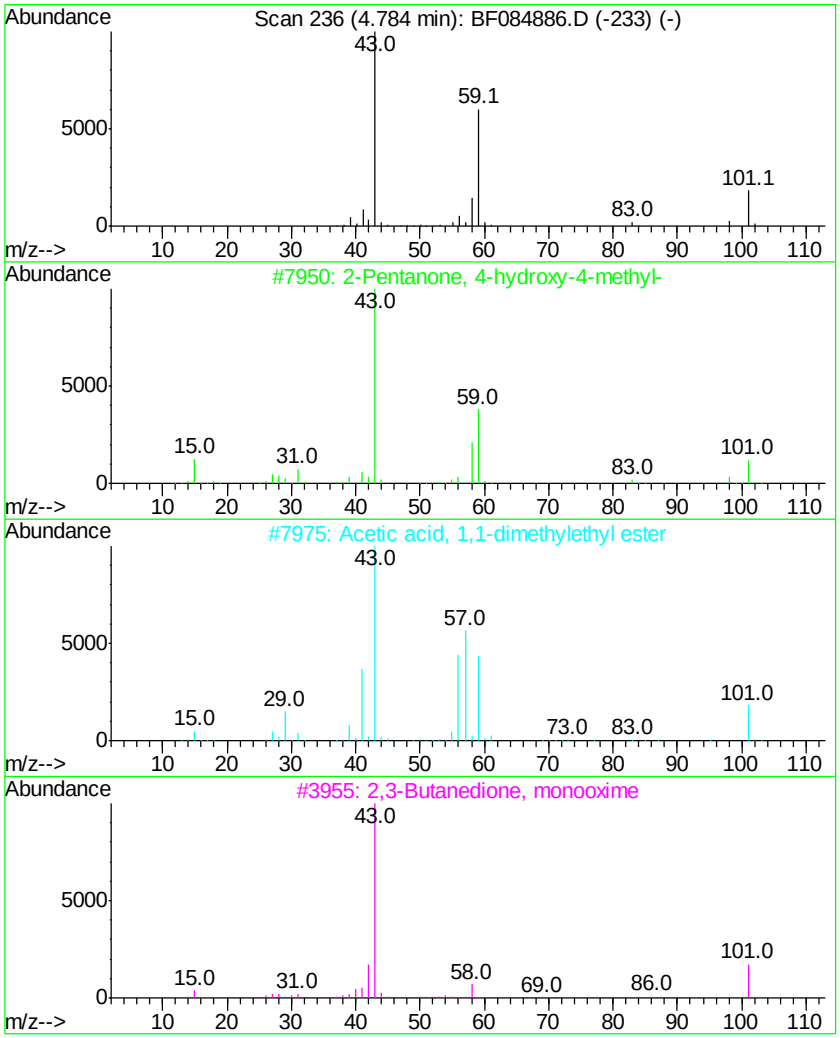
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

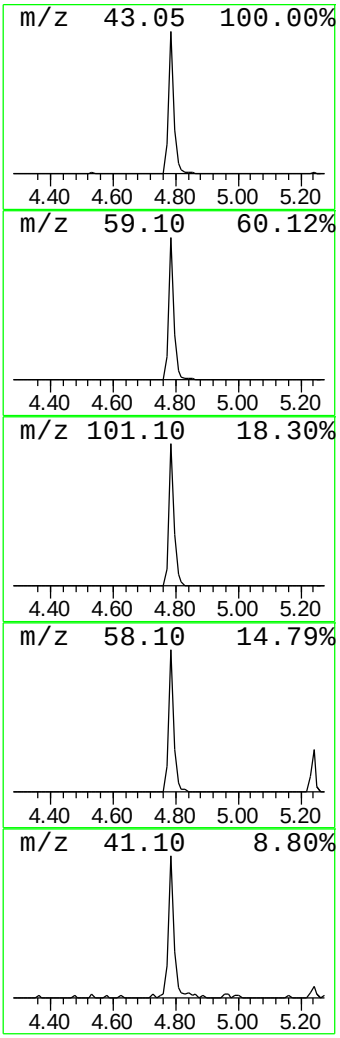
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	8.12 ng	466057	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Acq On : 6 Feb 2016 3:27
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Sample : H1329-02 5X
Misc :
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Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

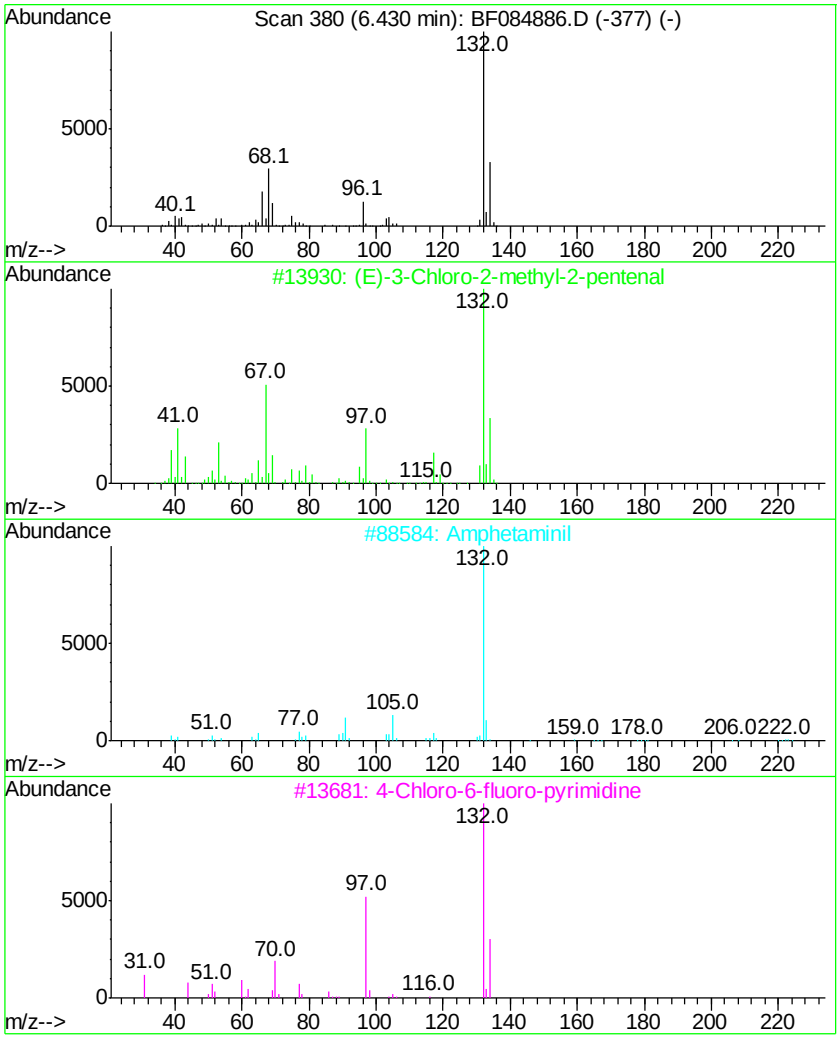
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

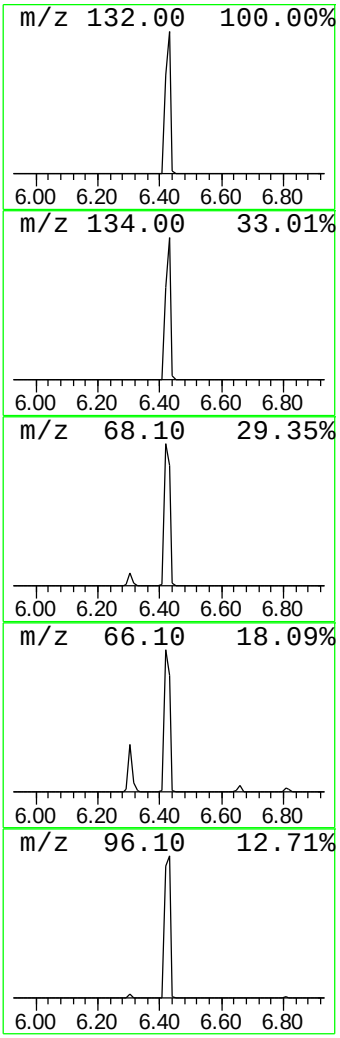
****

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	22.47 ng	1289260	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
2	Amphetaminil	250	C17H18N2	017590-01-1	28
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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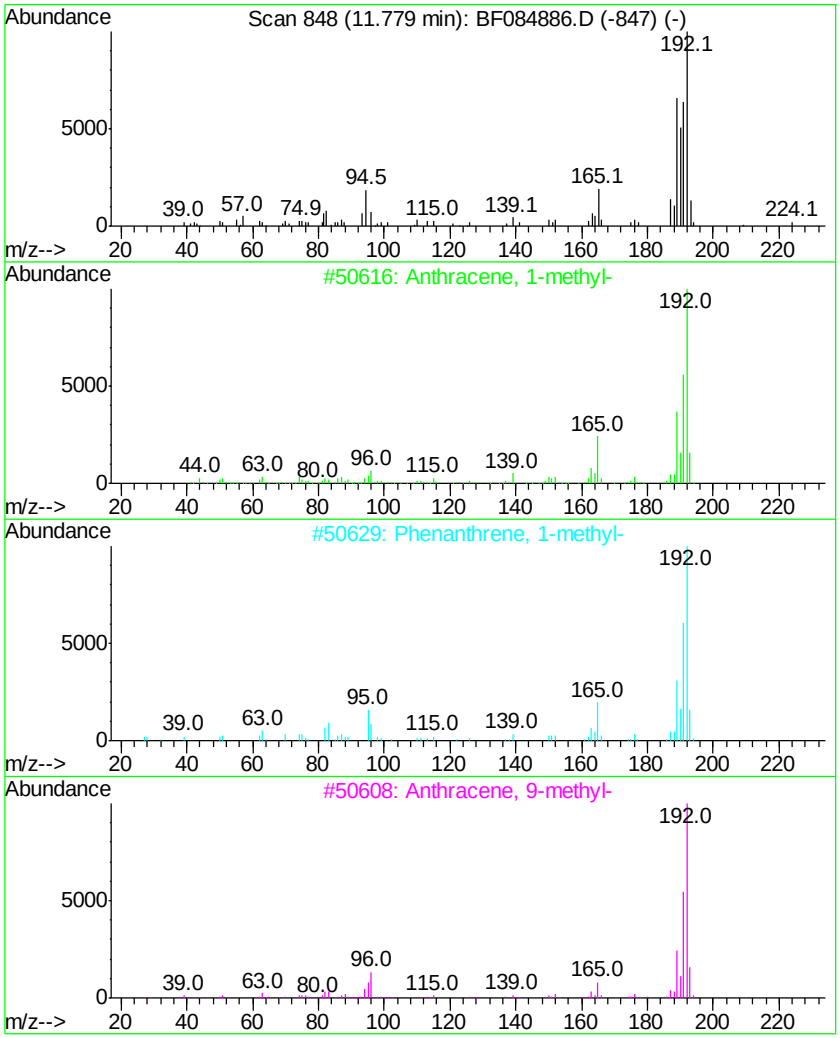
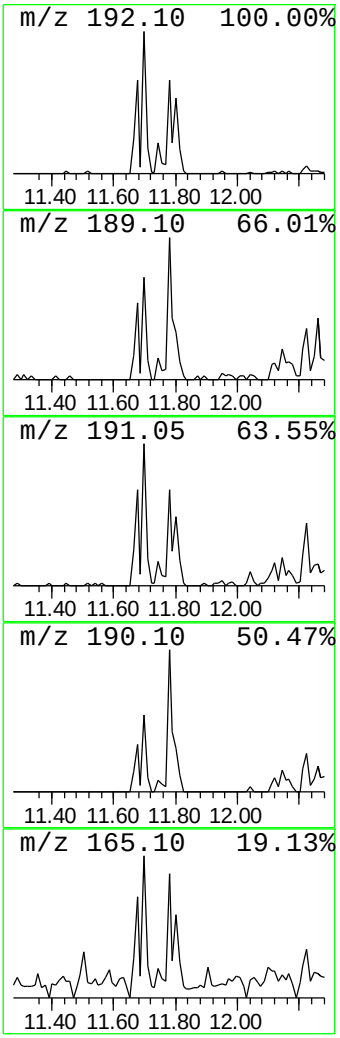
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.22 ng	151319	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





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TIC Library : C:\DATABASE\NIST02.L
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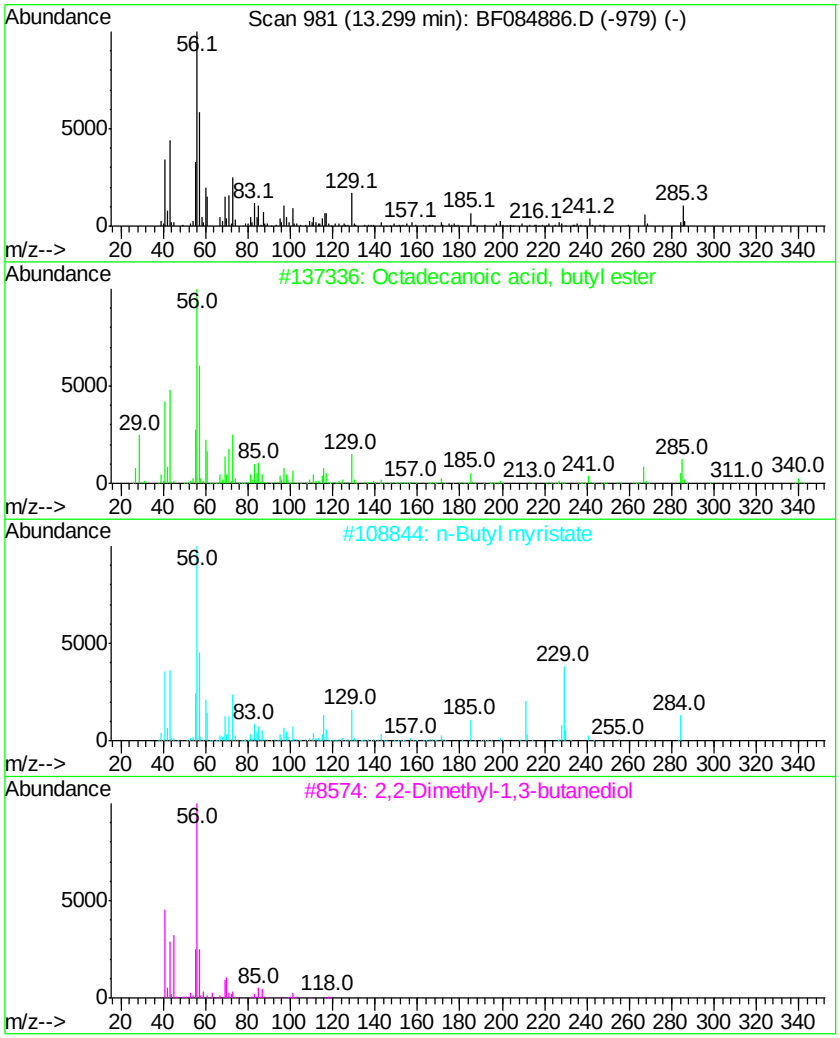
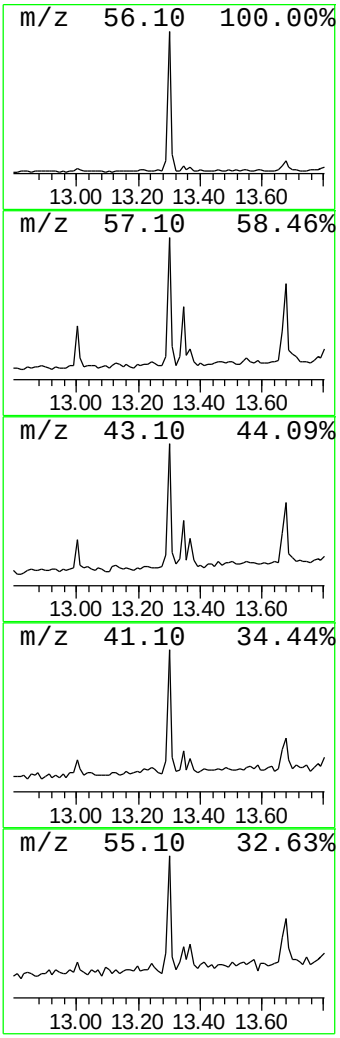
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.07 ng	227797	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	86
3	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	43
4	Propan-2-one O-(2-chloro-1-methy...	149	C6H12ClNO	1000186-05-6	43
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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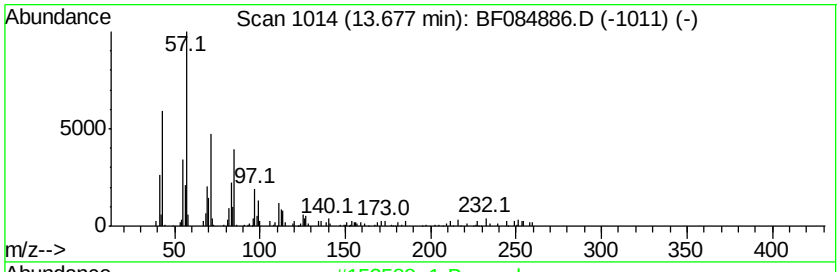
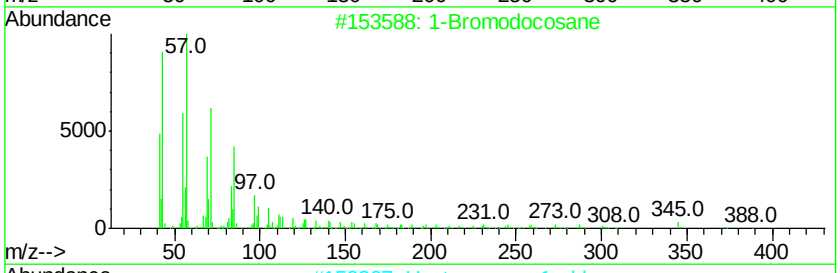
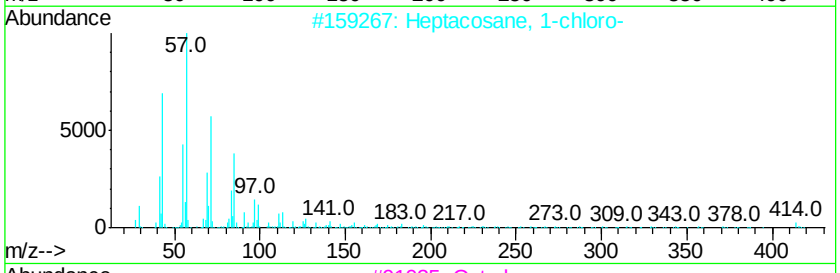
Peak Number 7 1-Bromodocosane Concentration Rank 7

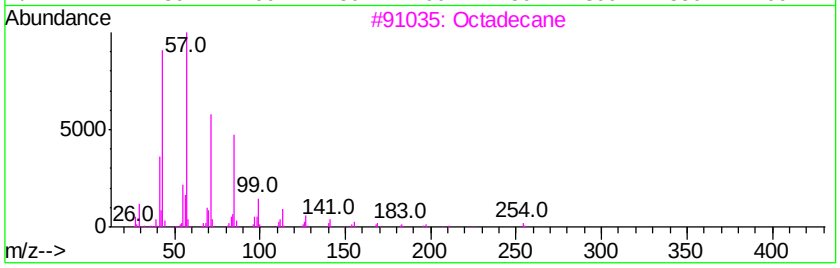
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.15 ng	120584	Chrysene-d12	13.80

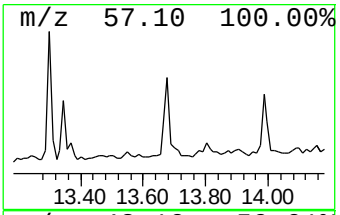
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	80
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
3	Octadecane	254	C18H38	000593-45-3	53
4	Tetratetracontane	619	C44H90	007098-22-8	52
5	Tritetracontane	605	C43H88	007098-21-7	52

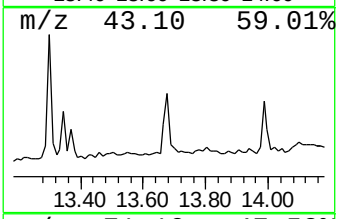


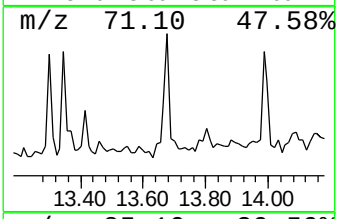


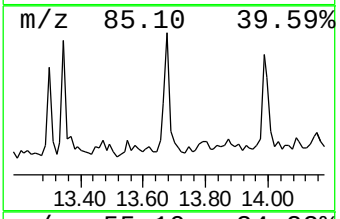


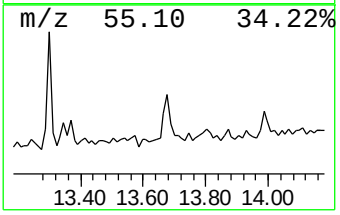












Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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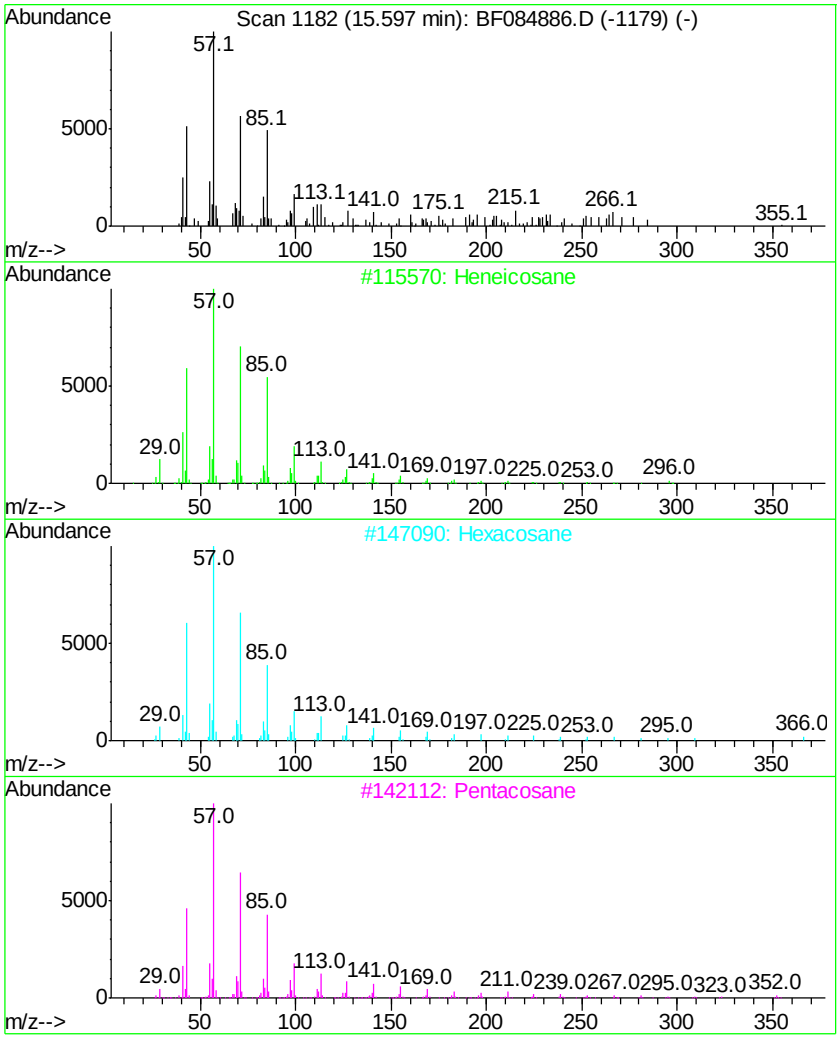
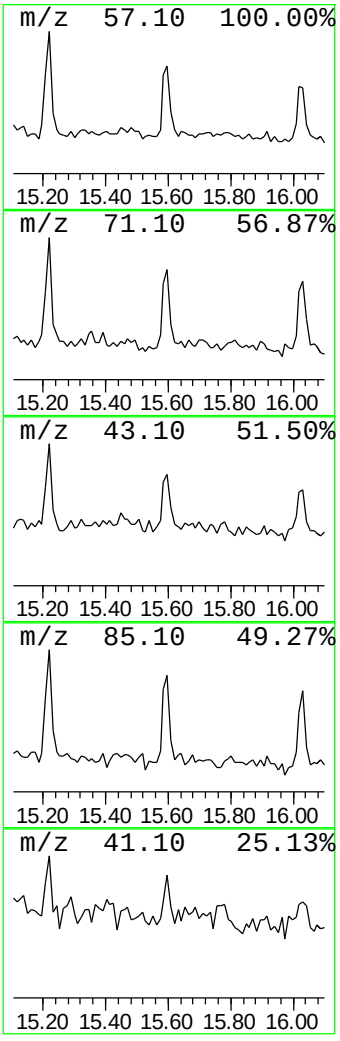
Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.16 ng	95121	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	58
2	Hexacosane	366	C26H54	000630-01-3	58
3	Pentacosane	352	C25H52	000629-99-2	58
4	Nonadecane	268	C19H40	000629-92-5	52
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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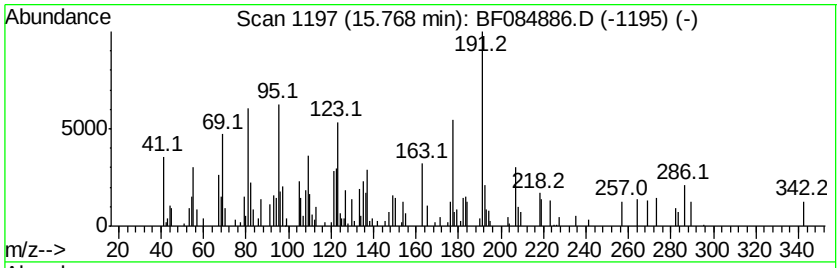
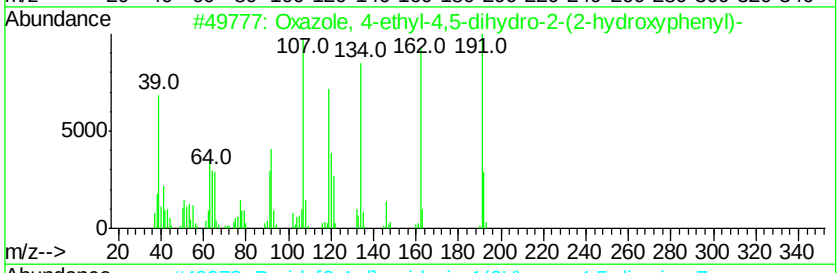
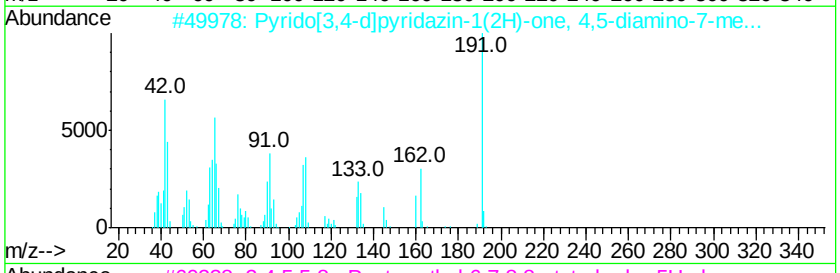
Peak Number 9 unknown15.77 Concentration Rank 9

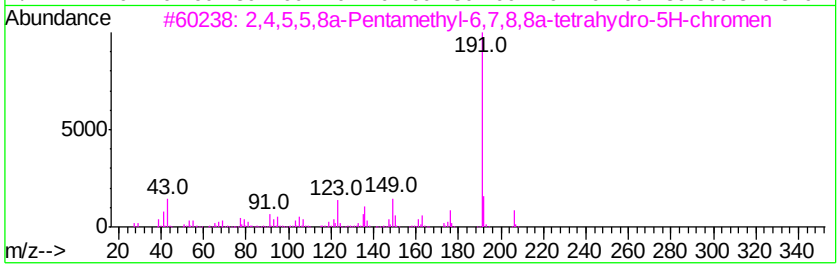
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.08 ng	91541	Perylene-d12	15.17

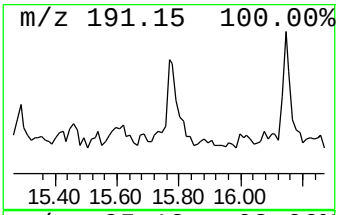
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 4-ethyl-4,5-dihydro-2-(...	191	C11H13NO2	1000142-01-8	38
2	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	35
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	27
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	22
5	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	22

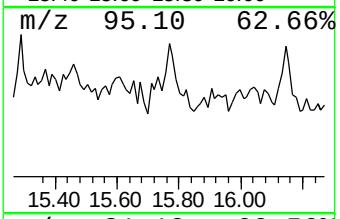


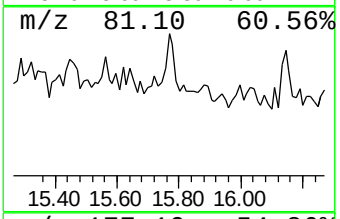


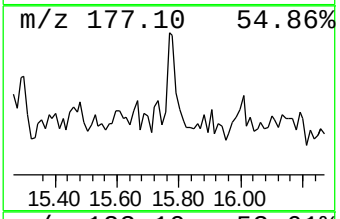


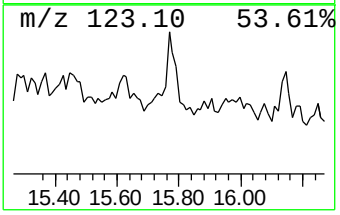












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084886.D
Acq On : 6 Feb 2016 3:27
Operator : SJ/IZ
Sample : H1329-02 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B007(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	8.1	ng	466057	1	6.66	1147570	20.0
unknown6.43	6.43	22.5	ng	1289260	1	6.66	1147570	20.0
Anthracene, 1-met...	11.78	2.2	ng	151319	4	11.17	1362070	20.0
Octadecanoic acid...	13.30	4.1	ng	227797	5	13.80	1119930	20.0
1-Bromodocosane	13.68	2.1	ng	120584	5	13.80	1119930	20.0
Heneicosane	15.60	2.2	ng	95121	6	15.17	879380	20.0
unknown15.77	15.77	2.1	ng	91541	6	15.17	879380	20.0