LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

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-BF041516.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	2.144	3	5	18	rVB	180806	335354	7.22%	0.564%
2	5.070	259	261	269	rVB	281464	402901	8.67%	0.677%
3	5.481	294	297	299	rBV	3819950	4219035	90.79%	7.091%
4	6.522	385	388	390	rBV	3247391	4646776	100.00%	7.810%
5	6.659	397	400	402	rBV	4701685	4569564	98.34%	7.680%
6	6.887	418	420	423	rBV	1346928	1792842	38.58%	3.013%
7	7.047	432	434	437	rVB	3609848	3357134	72.25%	5.642%
8	7.173	442	445	447	rVB2	25816	53372	1.15%	0.090%
9	7.459	467	470	472	rBV	2640748	3054867	65.74%	5.134%
10	7.539	475	477	479	rVB	110833	108865	2.34%	0.183%
11	7.905	506	509	510	rBV2	43608	46477	1.00%	0.078%
12	8.179	530	533	535	rBV	2886178	2501390	53.83%	4.204%
13	8.887	593	595	597	rVB	63905	63488	1.37%	0.107%
14	8.990	602	604	606	rVB	79744	63905	1.38%	0.107%
15	9.253	625	627	630	rBV	4145495	3956899	85.15%	6.650%
16	9.379	633	638	640	rBV3	58956	130575	2.81%	0.219%
17	9.516	647	650	652	rBV	34209	46669	1.00%	0.078%
18	9.596	652	657	658	rBV	51296	103584	2.23%	0.174%
19	9.653	660	662	664	rVV	567065	657139	14.14%	1.104%
20	9.710	664	667	672	rVB2	37837	69933	1.50%	0.118%
21	9.790	672	674	676	rBV	186667	171052	3.68%	0.287%
22	9.870	680	681	684	rBV2	55718	56867	1.22%	0.096%
23	9.928	684	686	688	rVV	1735972	2298860	49.47%	3.864%
24	9.962	688	689	691	rVB	244214	202507	4.36%	0.340%
25	10.133	702	704	706	rVB	127259	104104	2.24%	0.175%
26	10.248	711	714	715	rBV2	29672	48876	1.05%	0.082%
27	10.339	720	722	723	rBV2	43563	51614	1.11%	0.087%
28	10.373	723	725	729	rVB2	60401	90739	1.95%	0.153%
29	10.453	729	732	733	rBV3	28428	48648	1.05%	0.082%
30	10.476	733	734	736	rVB	217302	169170	3.64%	0.284%
31	10.590	741	744	747	rVV2	54000	86918	1.87%	0.146%
32	10.716	752	755	758	rBV	2243377	2116778	45.55%	3.558%
33	10.842	764	766	770	rVB	170699	206013	4.43%	0.346%
34	11.025	780	782	785	rBV2	40961	72197	1.55%	0.121%

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Sample : H2413-03 2X
Misc :
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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.219	797	799	801	rBV2	68448	76338	1.64%	0.128%
36	11.288	801	805	806	rBV3	102061	133216	2.87%	0.224%
37	11.413	814	816	817	rBV	2021769	1809424	38.94%	3.041%
38	11.493	820	823	824	rVV	223972	347402	7.48%	0.584%
39	11.516	824	825	828	rVV2	48406	71736	1.54%	0.121%
40	11.642	834	836	840	rBV	557442	595430	12.81%	1.001%
41	11.711	840	842	844	rBV2	59844	65509	1.41%	0.110%
42	11.916	858	860	861	rBV	172240	161514	3.48%	0.271%
43	11.939	861	862	865	rVV	307393	450139	9.69%	0.757%
44	11.985	865	866	868	rVV	87000	115306	2.48%	0.194%
45	12.031	868	870	874	rVB	268952	427825	9.21%	0.719%
46	12.225	884	887	890	rVB2	119822	262322	5.65%	0.441%
47	12.465	906	908	910	rBV	1097833	1010950	21.76%	1.699%
48	12.511	910	912	914	rVB2	112079	168494	3.63%	0.283%
49	12.545	914	915	917	rBV	102748	110753	2.38%	0.186%
50	12.625	920	922	924	rBV	1779218	1514290	32.59%	2.545%
51	12.671	924	926	929	rBV4	52759	112573	2.42%	0.189%
52	12.728	929	931	934	rBV3	108800	211992	4.56%	0.356%
53	12.854	938	942	944	rBV	1518268	1654544	35.61%	2.781%
54	12.968	950	952	953	rBV	79394	97097	2.09%	0.163%
55	13.002	953	955	957	rVV	2559640	2506983	53.95%	4.213%
56	13.071	957	961	965	rVV3	111743	185513	3.99%	0.312%
57	13.185	969	971	972	rVB	212104	254702	5.48%	0.428%
58	13.242	974	976	978	rVB	237245	251081	5.40%	0.422%
59	13.288	978	980	981	rBV	146914	174575	3.76%	0.293%
60	13.448	993	994	996	rVB2	92703	105141	2.26%	0.177%
61	13.802	1022	1025	1026	rBV2	151658	303001	6.52%	0.509%
62	13.905	1031	1034	1038	rVV4	397488	639504	13.76%	1.075%
63	14.042	1043	1046	1051	rVV2	1413545	3017995	64.95%	5.072%
64	14.157	1054	1056	1058	rVV	123905	125453	2.70%	0.211%
65	14.431	1078	1080	1082	rBV	184899	272791	5.87%	0.458%
66	14.534	1087	1089	1092	rBV3	346655	526802	11.34%	0.885%
67	15.071	1134	1136	1141	rVV	605184	1285252	27.66%	2.160%
68	15.162	1142	1144	1148	rVB4	291557	566297	12.19%	0.952%
69	15.368	1160	1162	1165	rVB	478892	567801	12.22%	0.954%
70	15.425	1165	1167	1169	rBV	562484	675298	14.53%	1.135%
71	15.482	1170	1172	1174	rBV	655389	972123	20.92%	1.634%

LSC Area Percent Report

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Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

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-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.962	1212	1214	1216	rBV	170320	263318	5.67%	0.443%
73	16.900	1293	1296	1305	rVB2	217198	485836	10.46%	0.817%
74	17.323	1330	1333	1339	rVB	197388	388457	8.36%	0.653%
75	19.506	1520	1524	1527	rBV2	224653	629217	13.54%	1.058%

Sum of corrected areas: 59499106

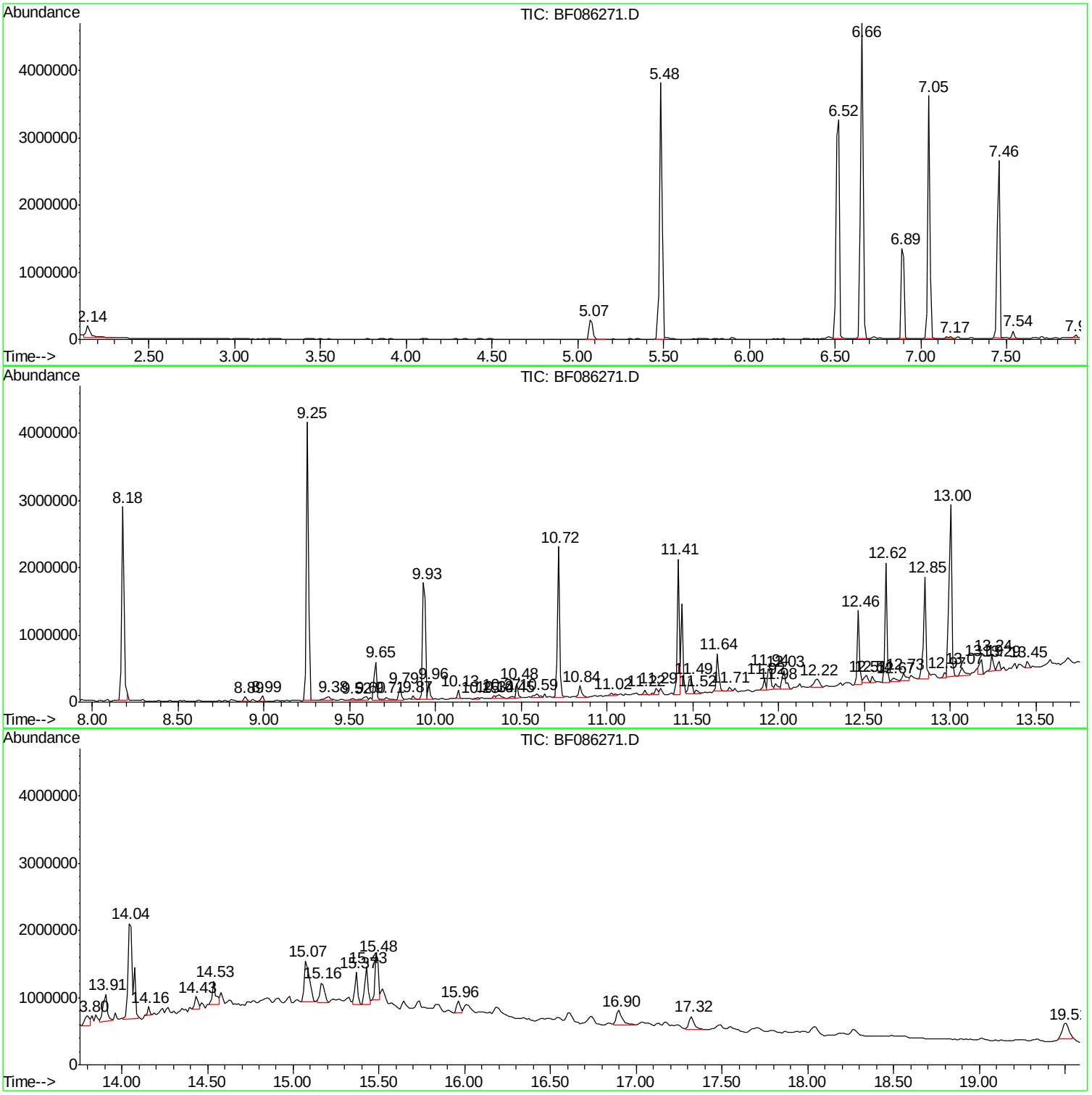
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

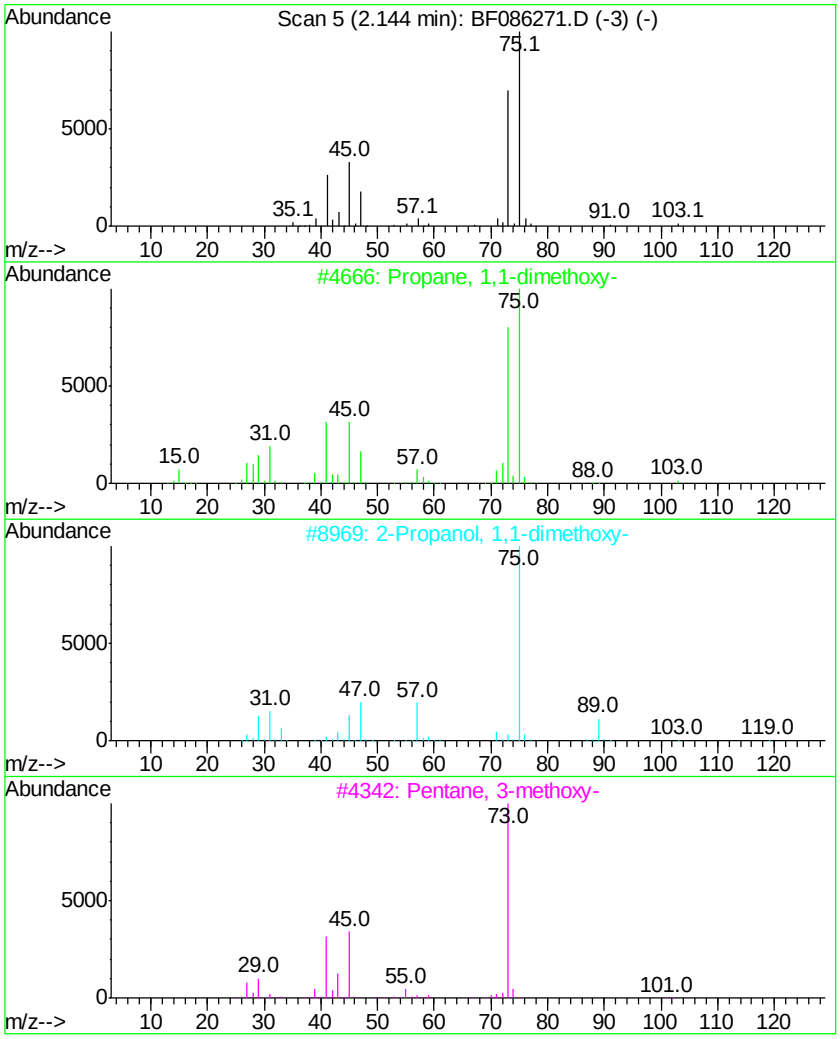
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

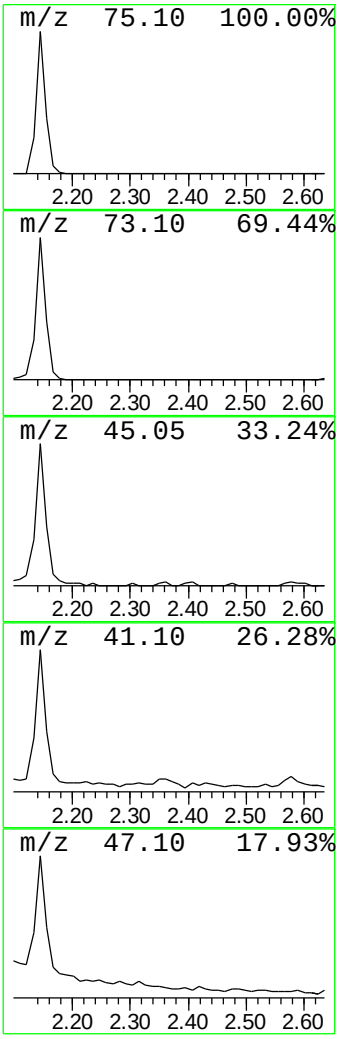
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	3.74 ng	335354	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

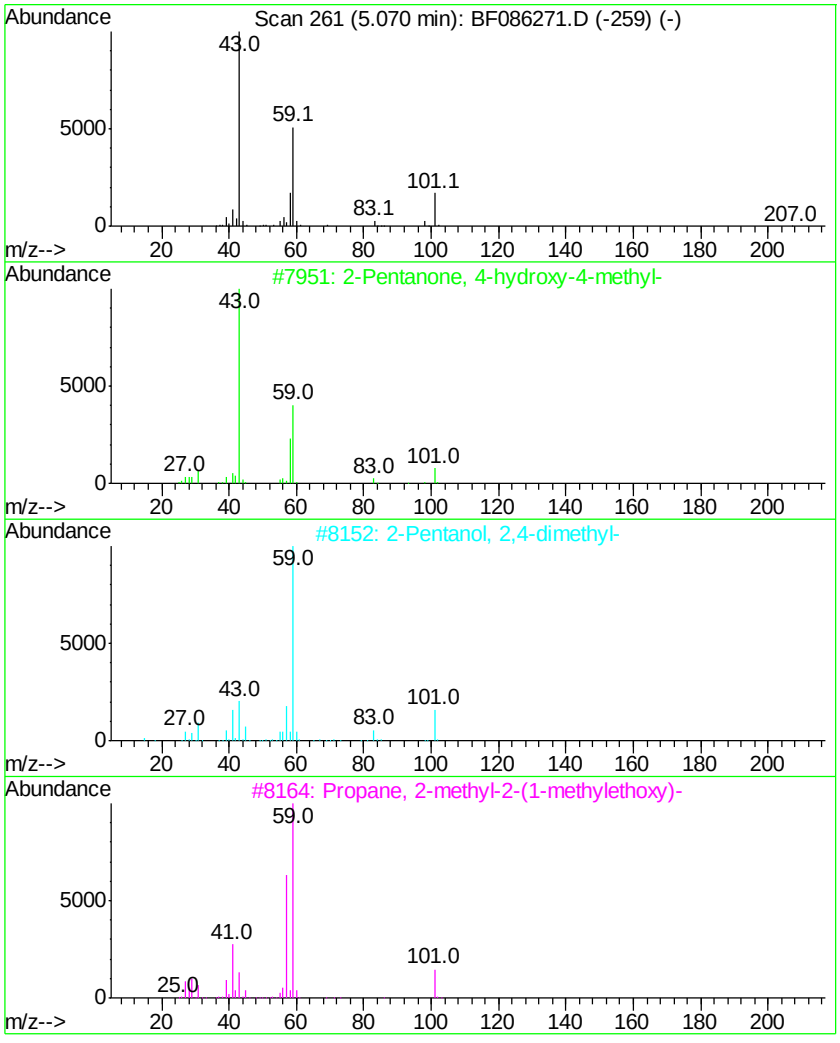
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

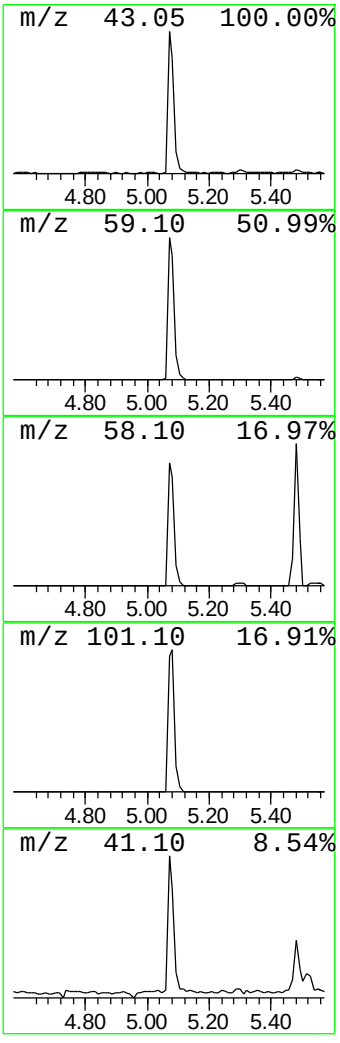
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.49 ng	402901	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

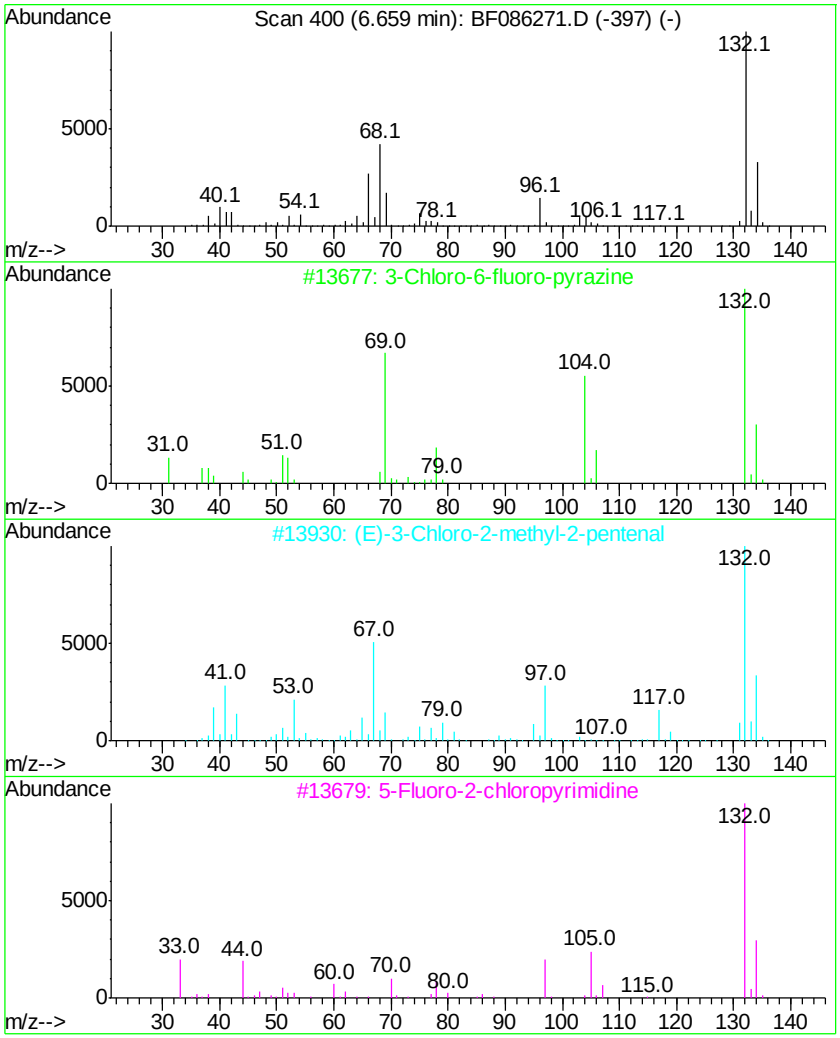
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

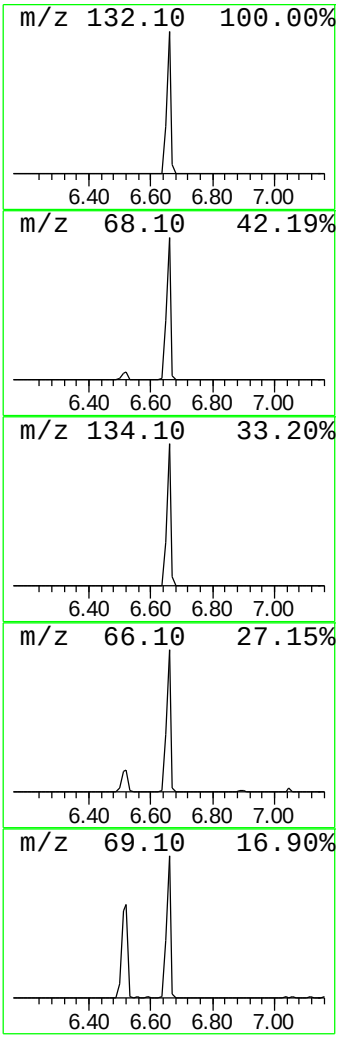
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	50.98 ng	4569560	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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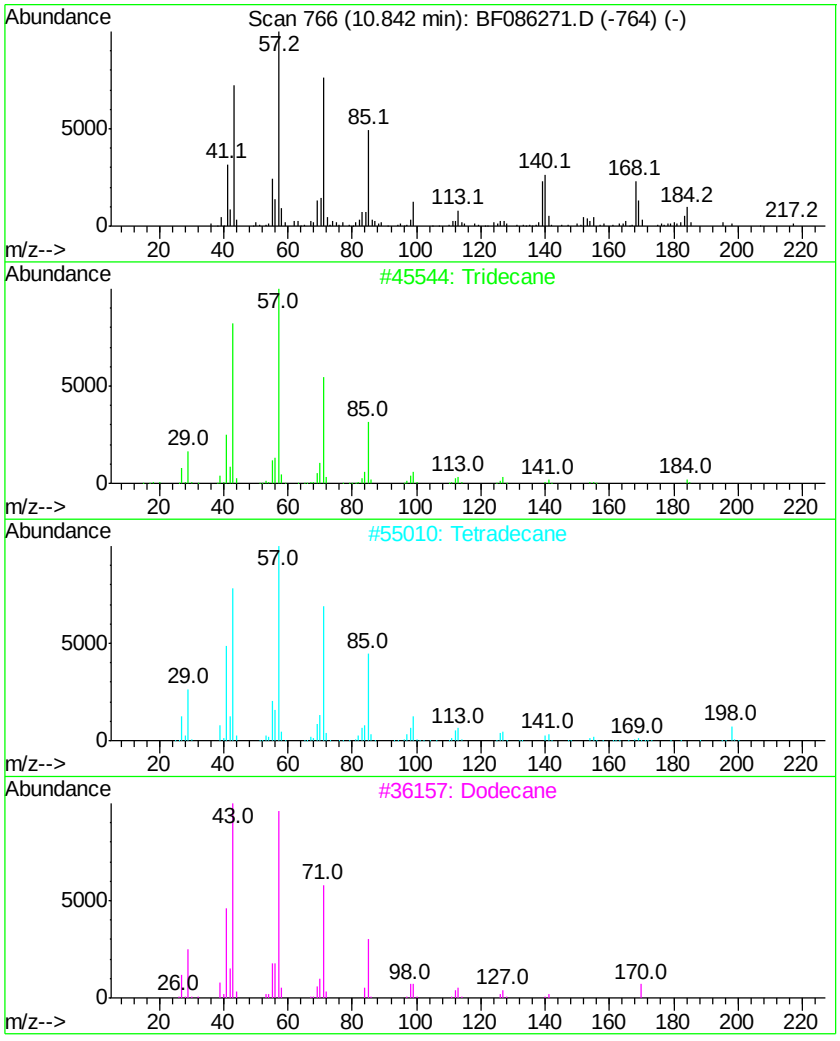
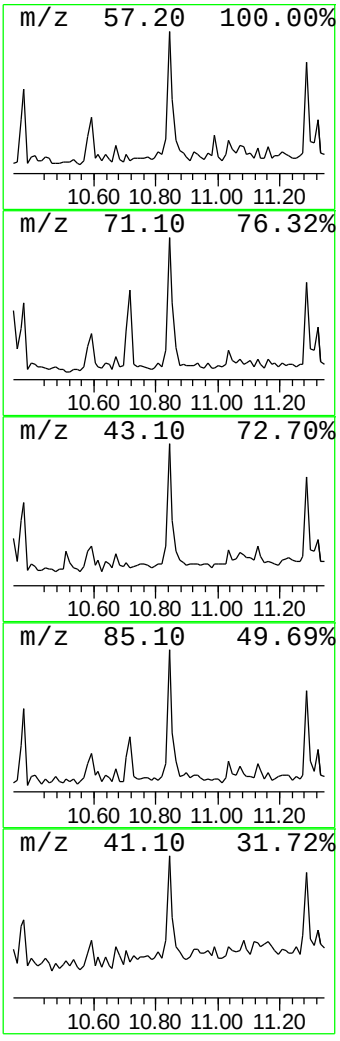
Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.28 ng	206013	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





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Sample : H2413-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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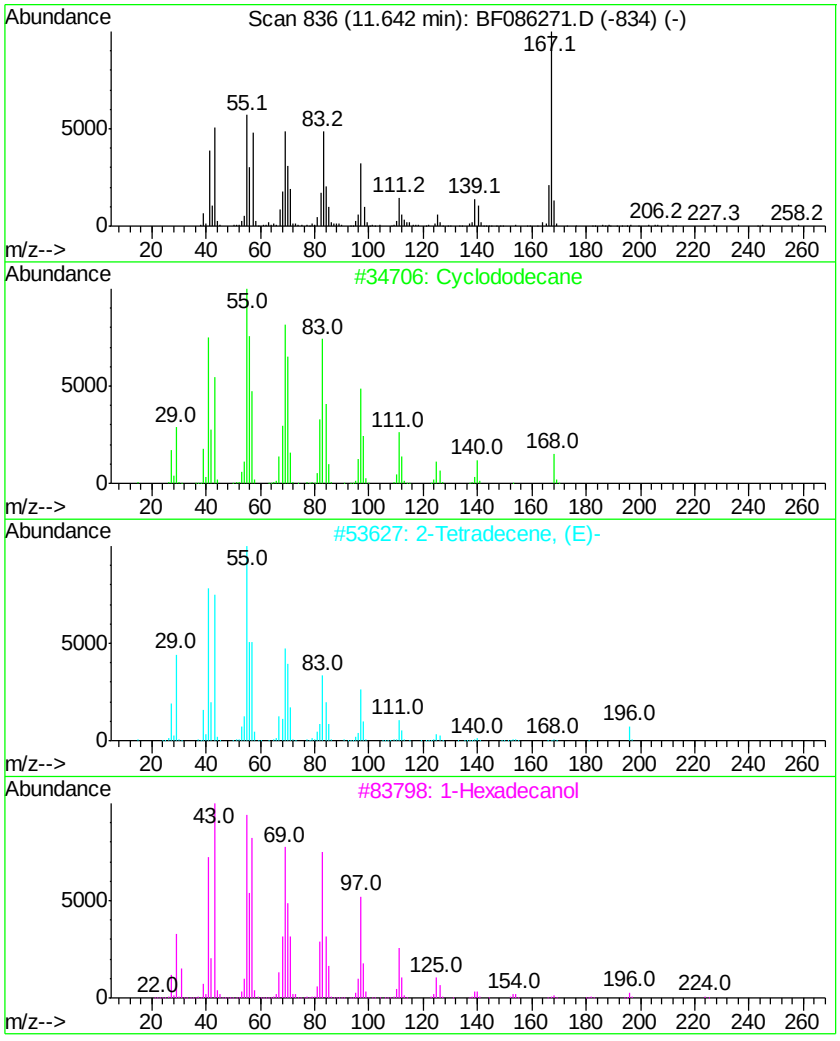
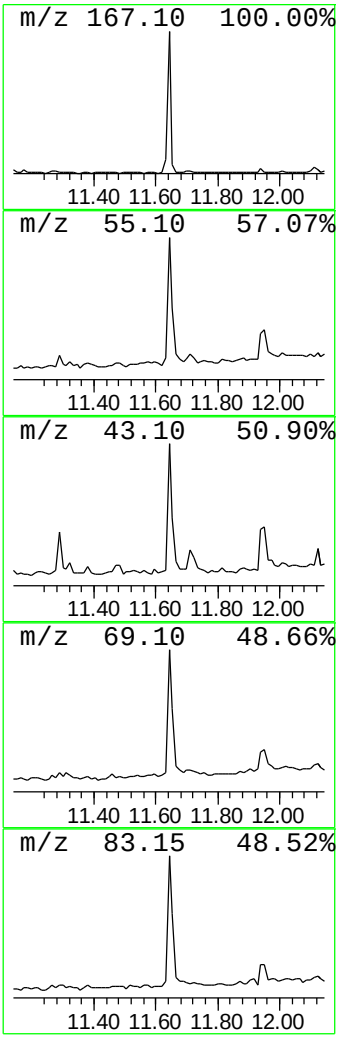
Peak Number 6 Cyclododecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	6.58 ng	595430	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	80
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	72
3	1-Hexadecanol	242	C16H34O	036653-82-4	55
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	55
5	Carbazole	167	C12H9N	000086-74-8	49





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Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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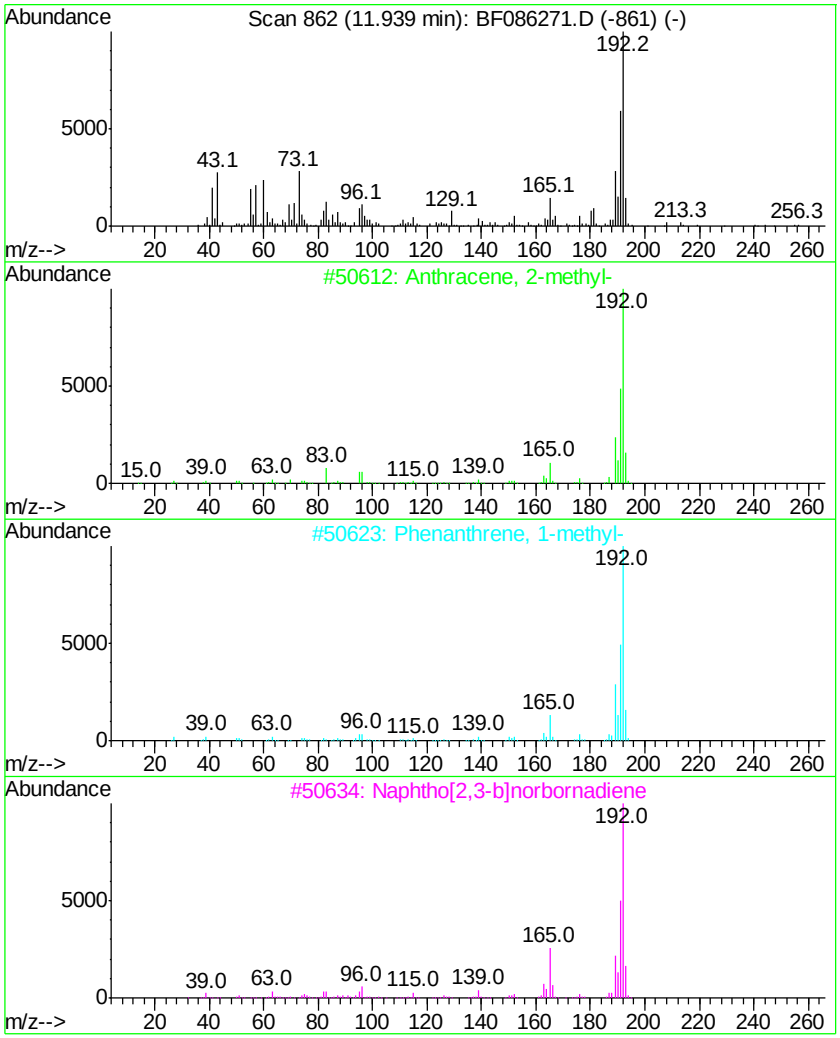
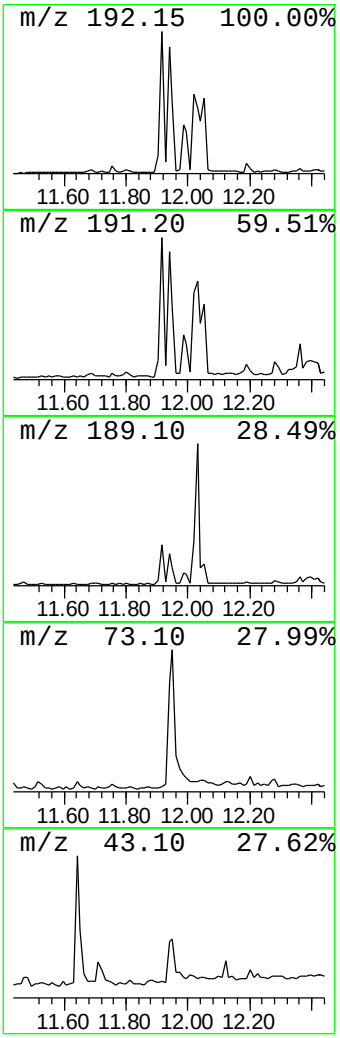
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.98 ng	450139	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086271.D
Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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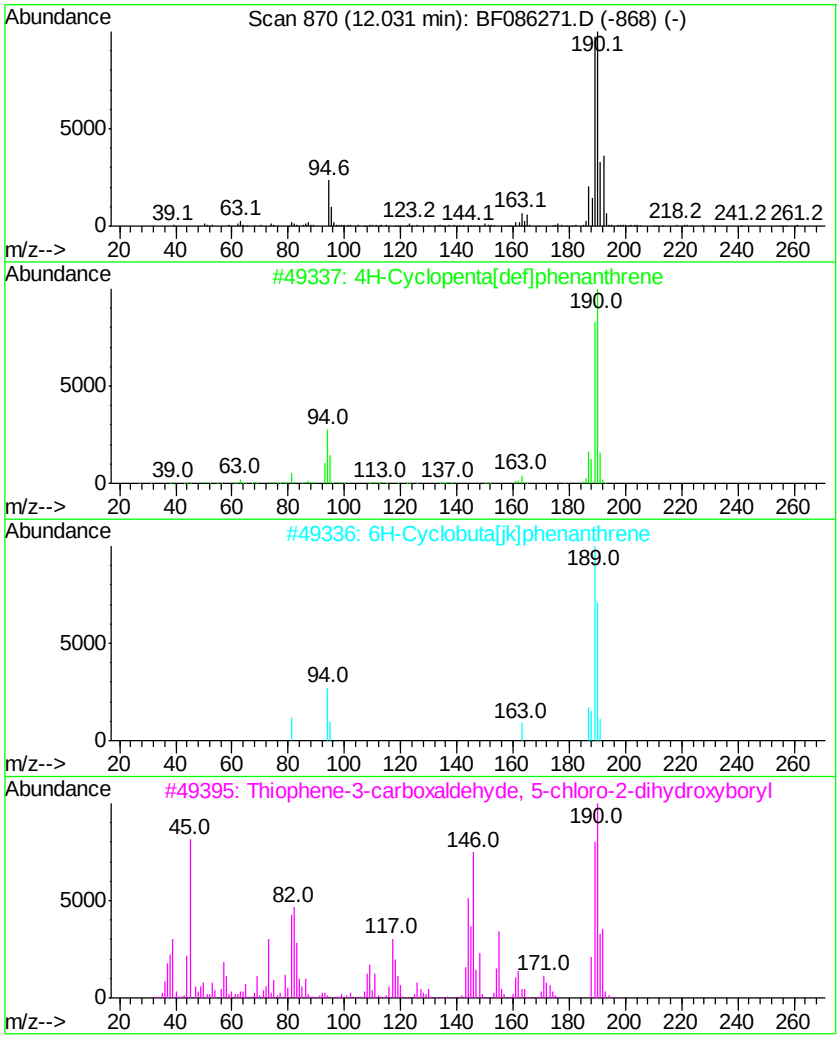
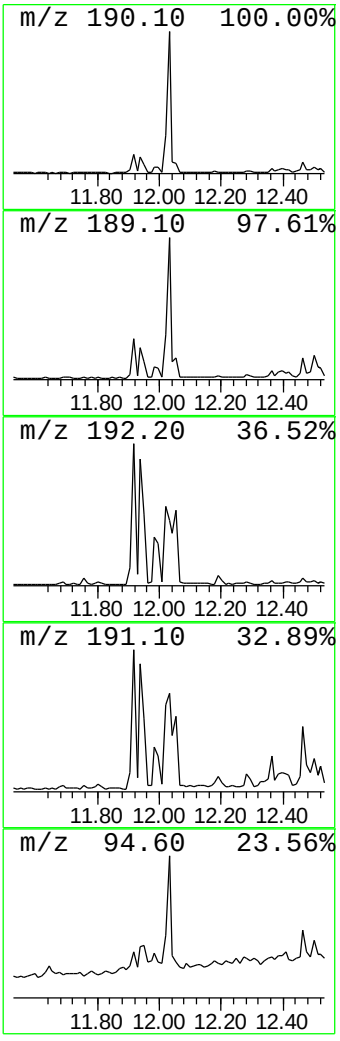
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.73 ng	427825	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

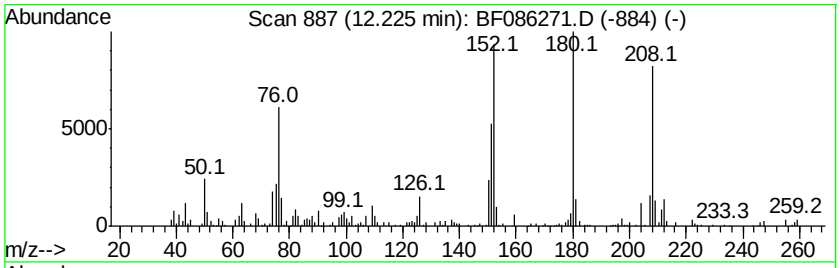
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

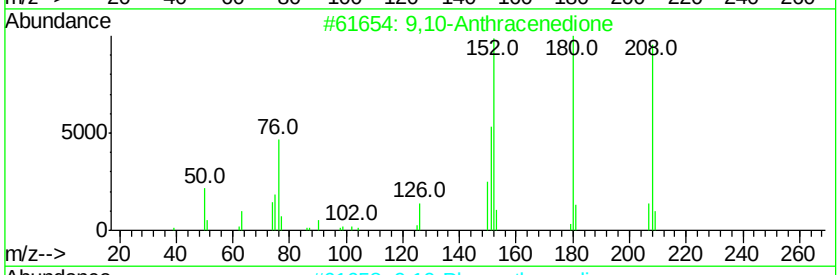
****

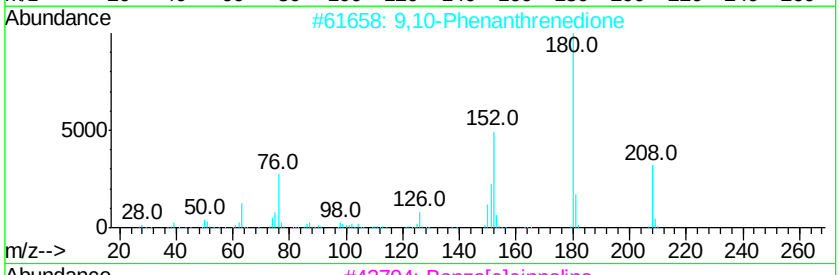
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

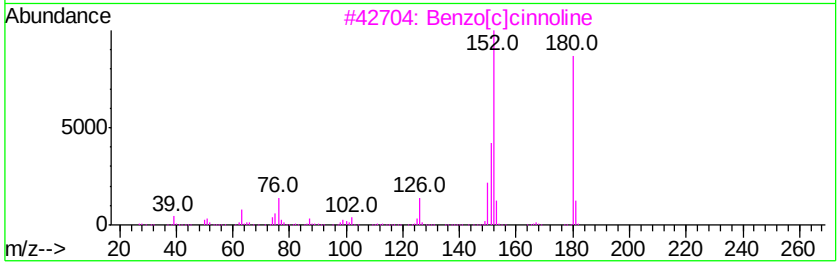
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.90 ng	262322	Phenanthrene-d10	11.41

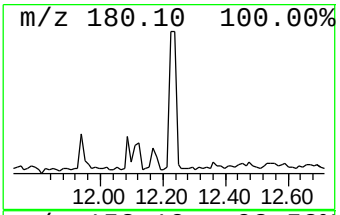
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60

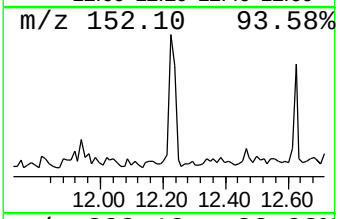


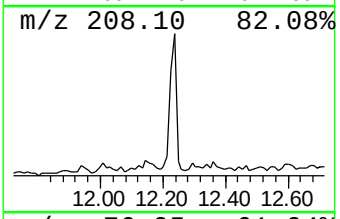


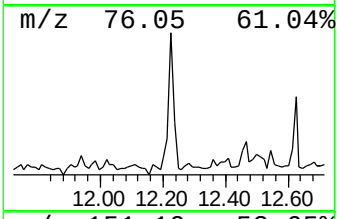


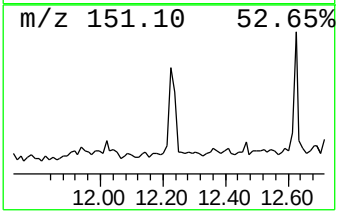












Library Search Compound Report

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Acq On : 16 Apr 2016 17:41
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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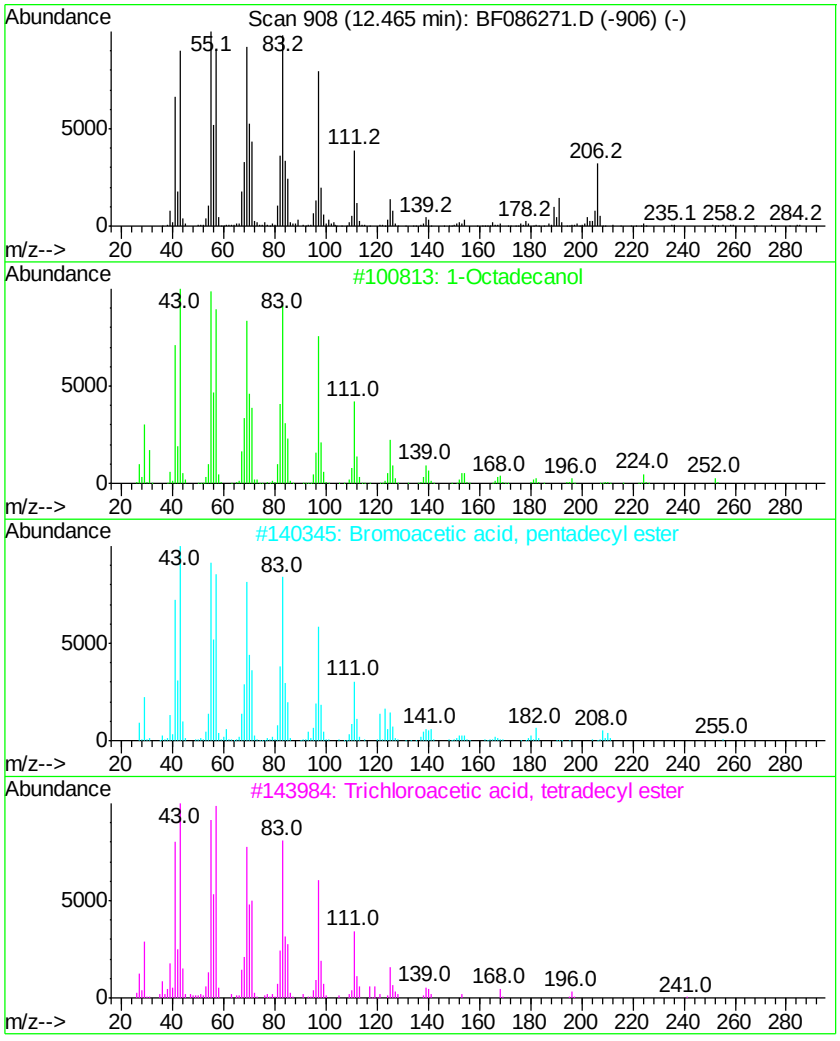
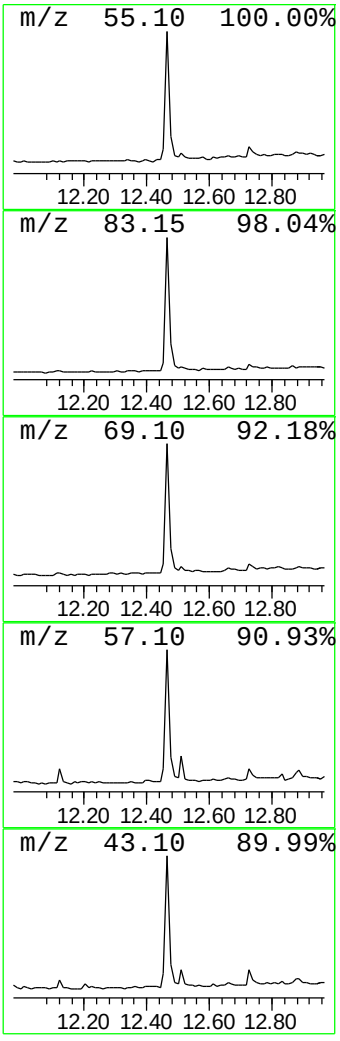
Peak Number 10 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	11.17 ng	1010950	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





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ALS Vial : 50 Sample Multiplier: 1

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

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

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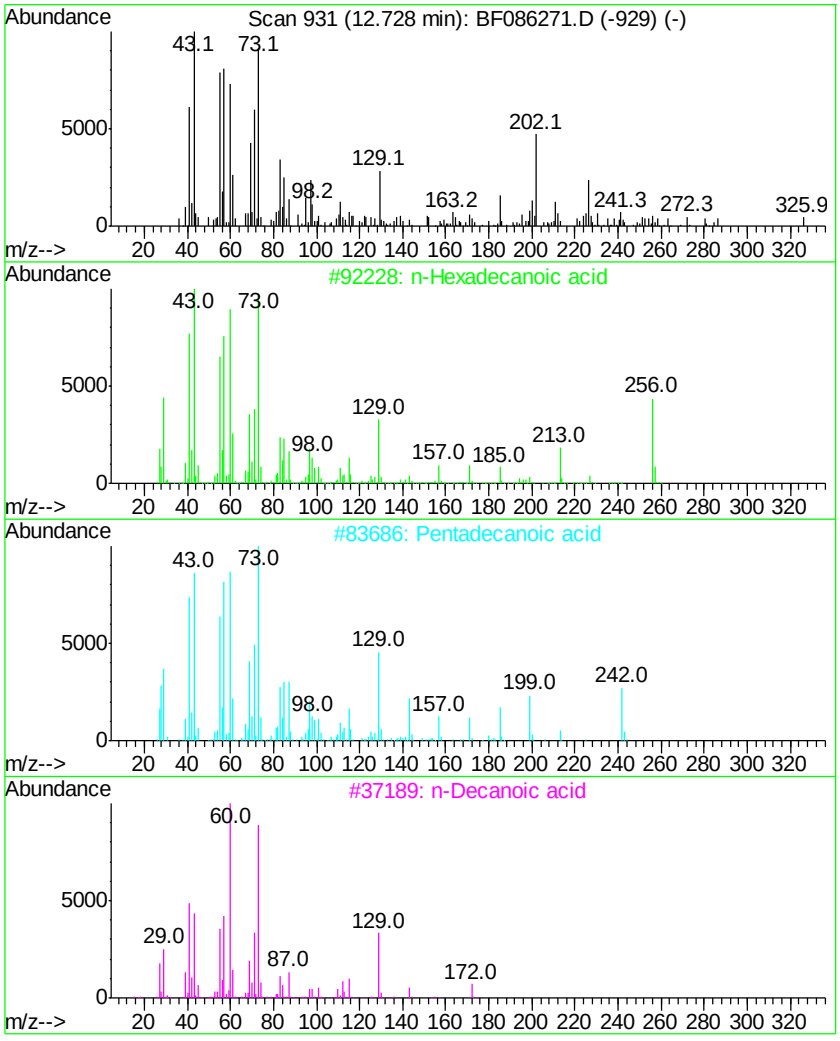
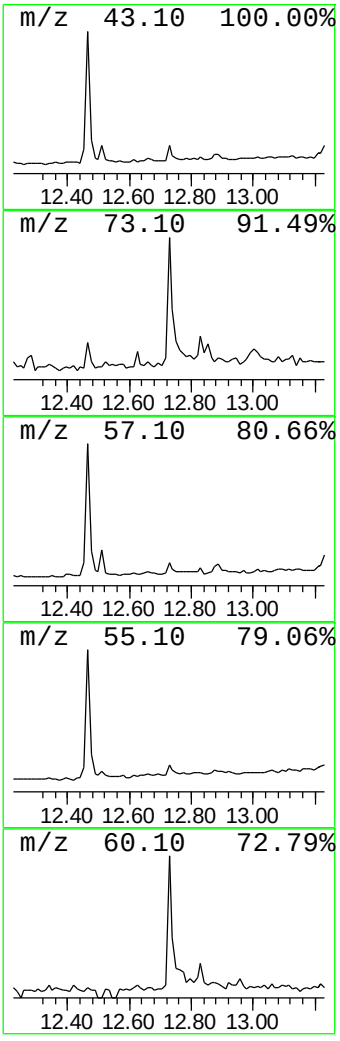
Peak Number 11 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.34 ng	211992	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	n-Decanoic acid	172	C10H20O2	000334-48-5	42
4	Dodecanoic acid	200	C12H24O2	000143-07-7	37
5	Undecanoic acid	186	C11H22O2	000112-37-8	37





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Sample : H2413-03 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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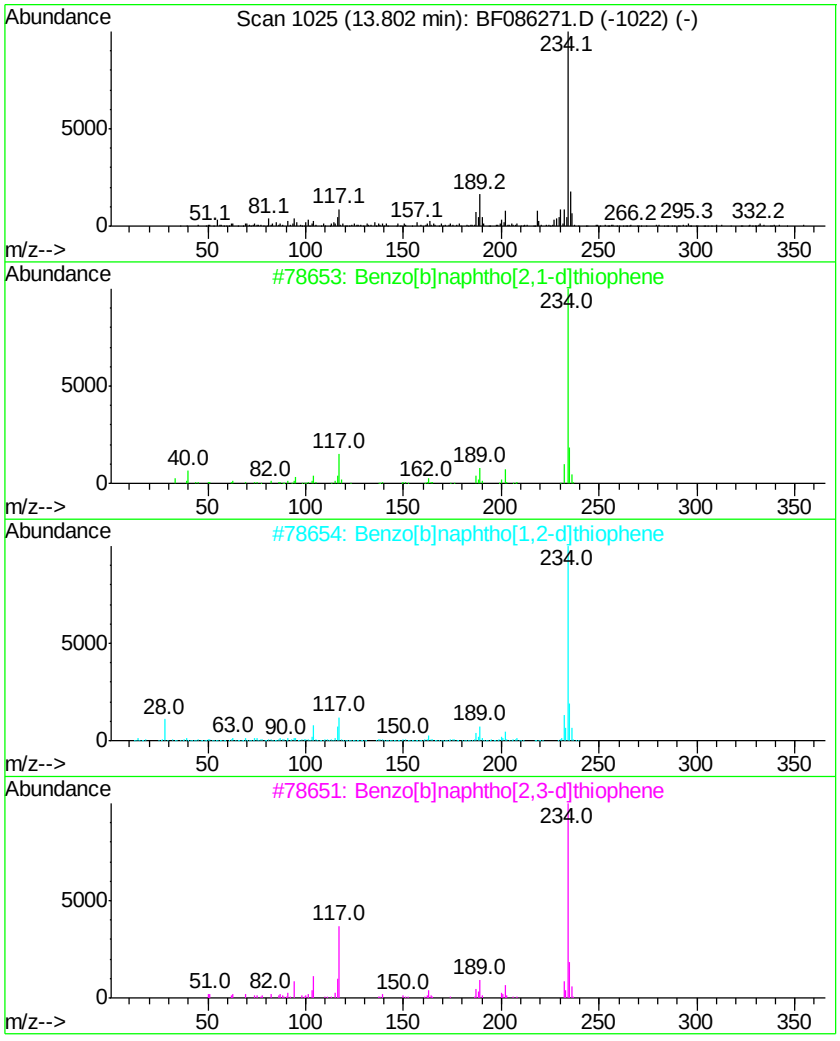
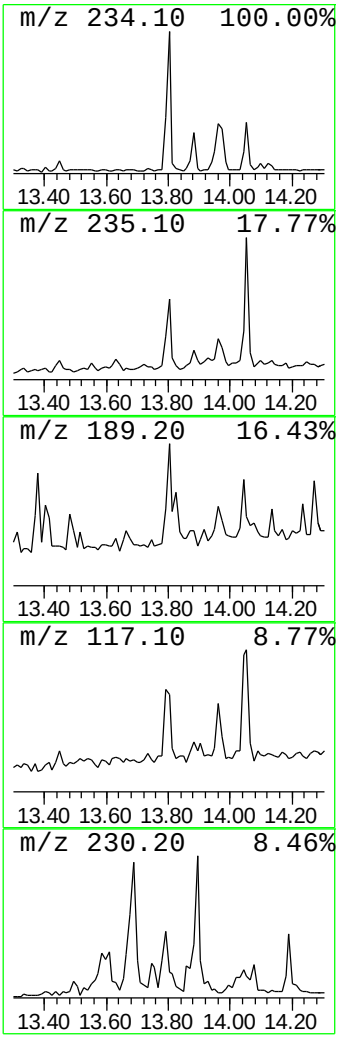
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.01 ng	303001	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	59
5	6-Nitro-2-carbethoxyindole	234	C11H10N2O4	016792-45-3	59





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Sample : H2413-03 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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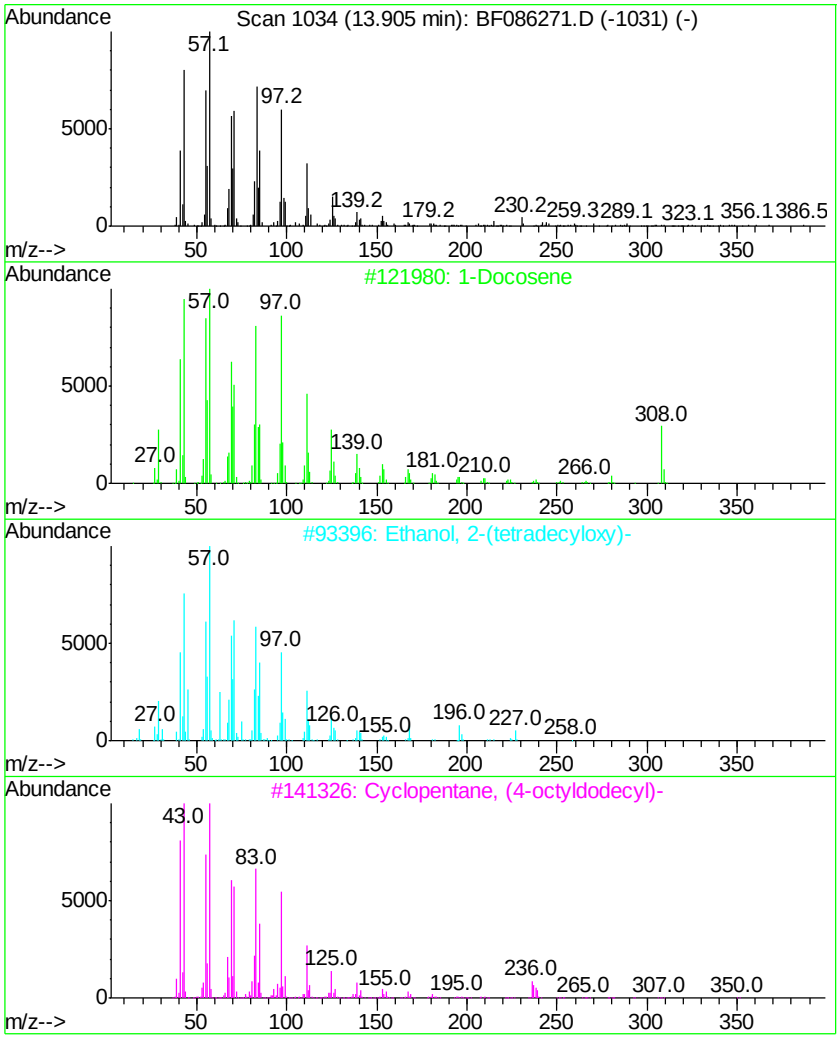
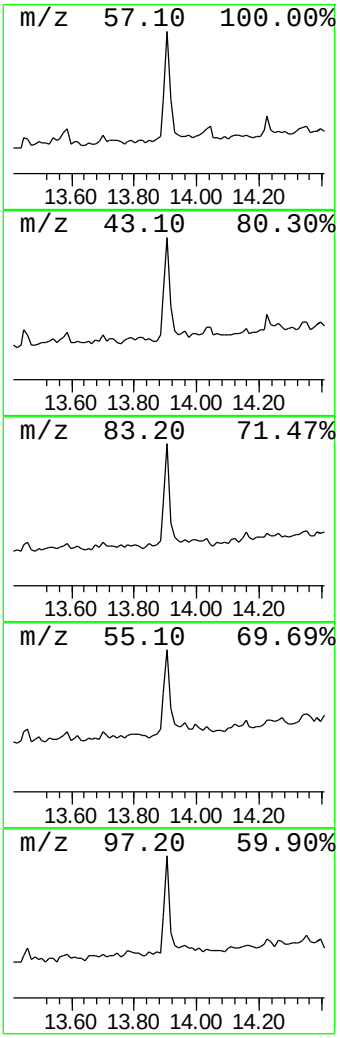
Peak Number 13 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.24 ng	639504	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	87
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86





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Sample : H2413-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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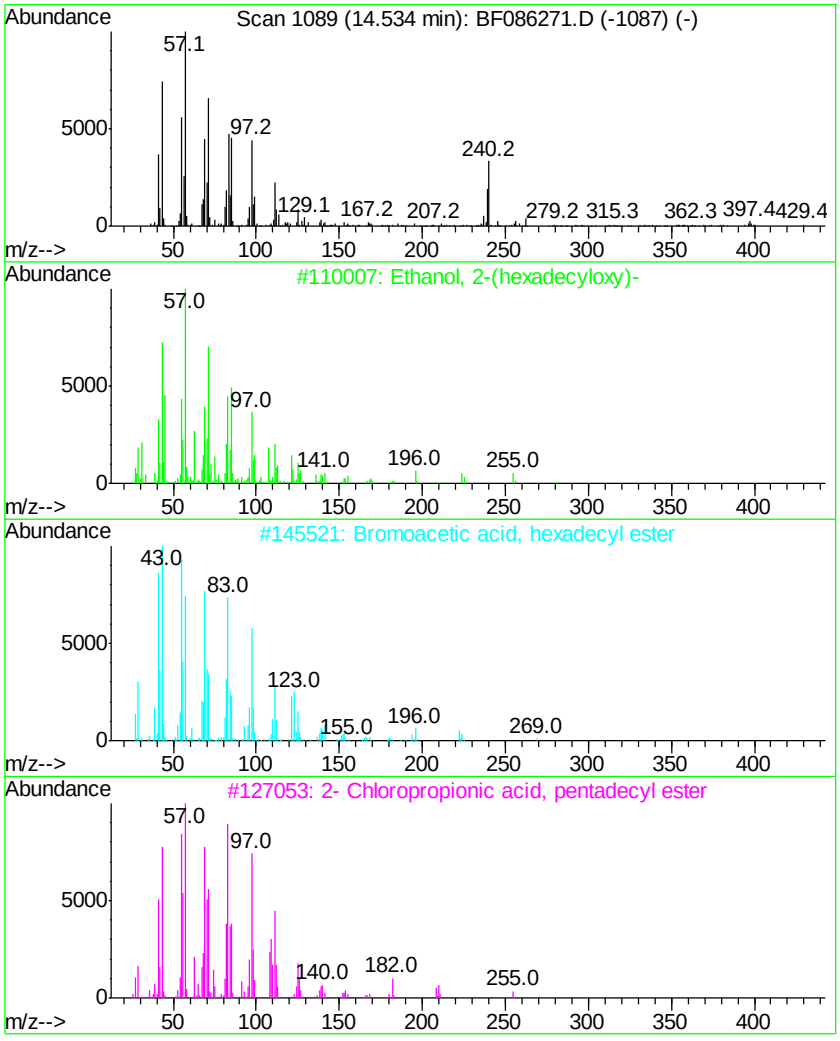
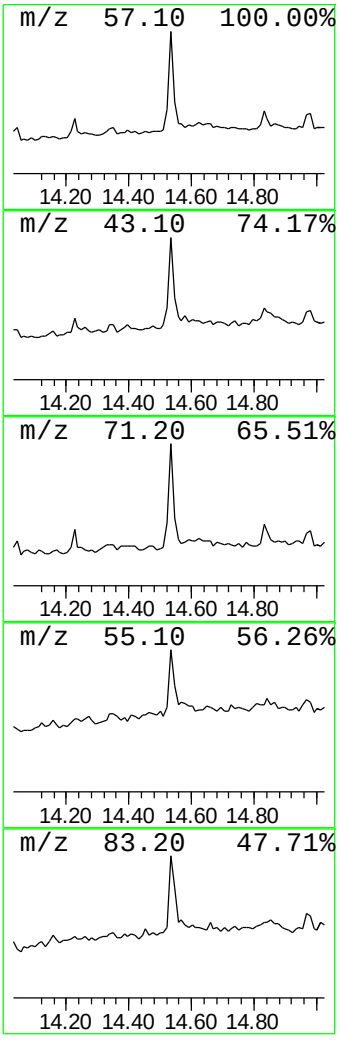
Peak Number 14 Ethanol, 2-(hexadecyloxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.49 ng	526802	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	50
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	49
4	1-Tricosanol	340	C23H48O	003133-01-5	49
5	Cyclooctacosane	392	C28H56	000297-24-5	49





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Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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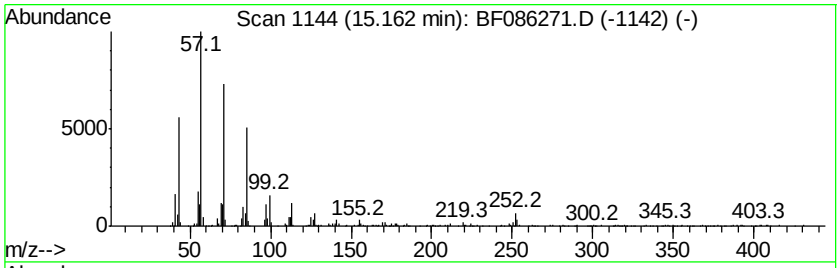
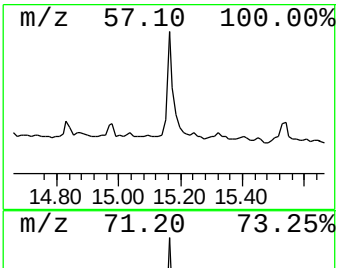
Peak Number 15 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	11.65 ng	566297	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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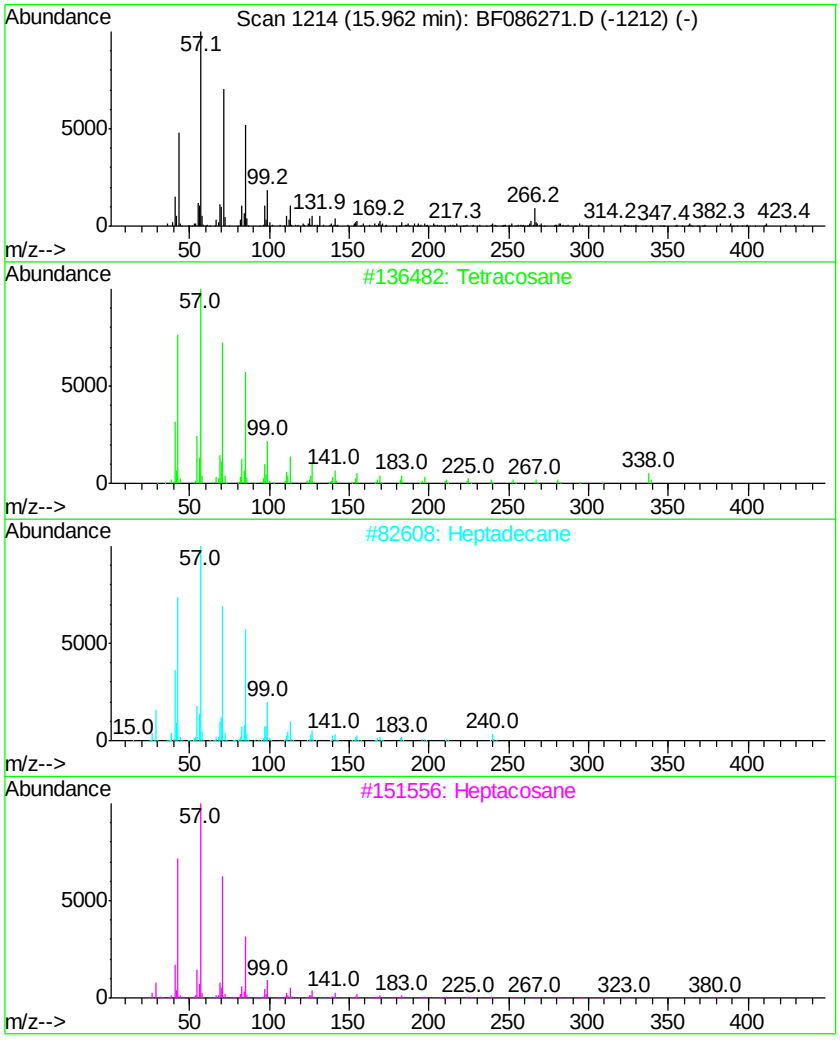
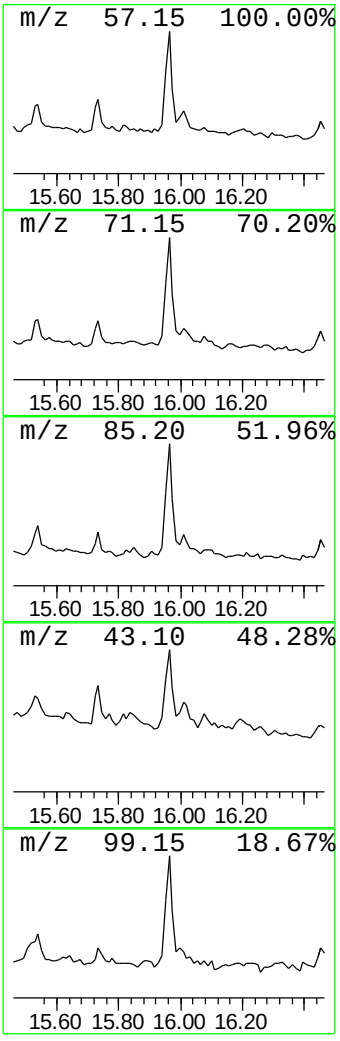
Peak Number 17 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.42 ng	263318	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptacosane	380	C27H56	000593-49-7	92
4	Nonadecane	268	C19H40	000629-92-5	87
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : H2413-03 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-C-3(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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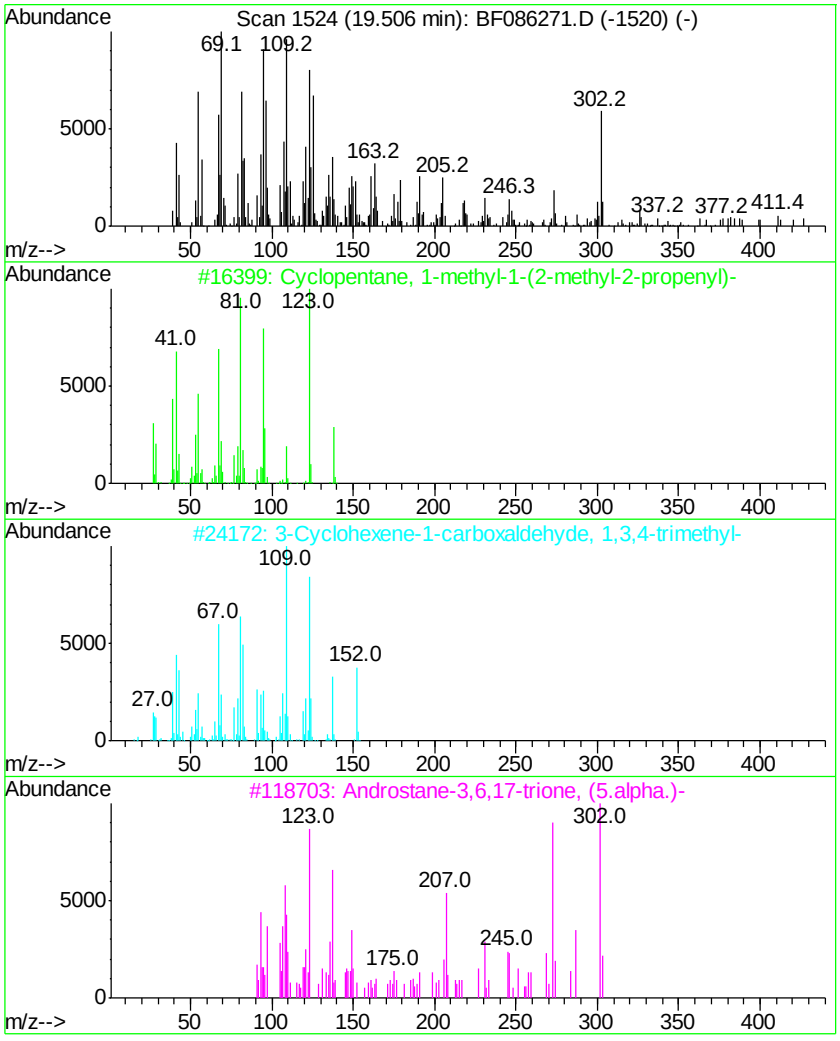
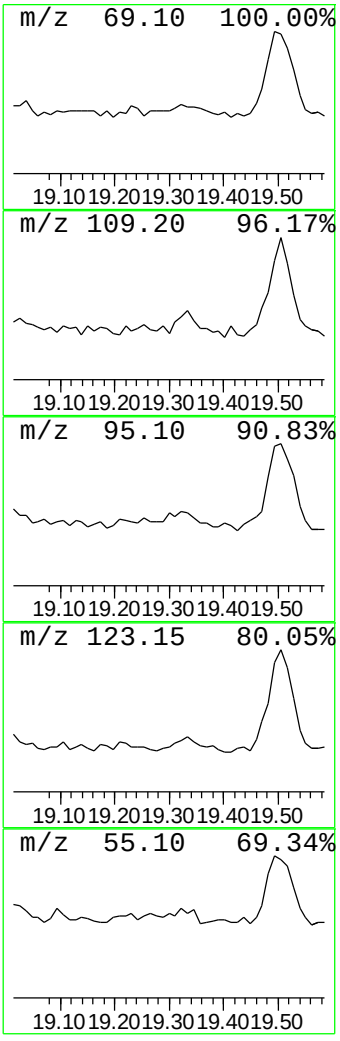
Peak Number 18 unknown19.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	12.95 ng	629217	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	30
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	27
3	Androstane-3,6,17-trione, (5.alp...	302	C19H26O3	002243-05-2	25
4	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22
5	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	22





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H2413-03 2X
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Instrument : BNA_F
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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
Propane, 1,1-dime...	2.14	3.7	ng	335354	1	6.90	1792840	20.0
2-Pentanone, 4-hy...	5.07	4.5	ng	402901	1	6.90	1792840	20.0
unknown6.66	6.66	51.0	ng	4569560	1	6.90	1792840	20.0
Tridecane	10.84	2.3	ng	206013	4	11.41	1809420	20.0
Cyclododecane	11.64	6.6	ng	595430	4	11.41	1809420	20.0
Anthracene, 2-met...	11.94	5.0	ng	450139	4	11.41	1809420	20.0
4H-Cyclopenta[def...	12.03	4.7	ng	427825	4	11.41	1809420	20.0
9,10-Anthracenedione	12.22	2.9	ng	262322	4	11.41	1809420	20.0
1-Octadecanol	12.47	11.2	ng	1010950	4	11.41	1809420	20.0
n-Hexadecanoic acid	12.73	2.3	ng	211992	4	11.41	1809420	20.0
Benzo[b]naphtho[2...	13.80	2.0	ng	303001	5	14.05	3018000	20.0
1-Docosene	13.91	4.2	ng	639504	5	14.05	3018000	20.0
Ethanol, 2-(hexad...	14.53	3.5	ng	526802	5	14.05	3018000	20.0
Heptadecane	15.16	11.7	ng	566297	6	15.49	972123	20.0
Tetracosane	15.96	5.4	ng	263318	6	15.49	972123	20.0
unknown19.51	19.51	12.9	ng	629217	6	15.49	972123	20.0