LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

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-BF040618.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	4.992	491	494	505	rVB	55633	76445	3.69%	0.306%
2	5.404	560	564	585	rBV	1861456	1794555	86.51%	7.195%
3	6.428	734	738	754	rBV	1648261	1822115	87.84%	7.305%
4	6.557	756	760	764	rBV	1985365	1886027	90.92%	7.562%
5	6.786	796	799	805	rBV	670392	526902	25.40%	2.113%
6	6.945	822	826	829	rBV	1693395	1508019	72.70%	6.046%
7	7.357	891	896	908	rBV	1203179	1149700	55.42%	4.610%
8	8.075	1014	1018	1030	rBV	725494	726680	35.03%	2.913%
9	9.151	1196	1201	1209	rBV	2098753	2074442	100.00%	8.317%
10	9.410	1243	1245	1251	rVB	50736	45394	2.19%	0.182%
11	9.545	1264	1268	1275	rVB	184848	175545	8.46%	0.704%
12	9.751	1299	1303	1307	rBV2	61016	59484	2.87%	0.238%
13	9.827	1312	1316	1326	rVB	943280	838247	40.41%	3.361%
14	10.251	1385	1388	1391	rVB	70967	52009	2.51%	0.209%
15	10.469	1419	1425	1427	rBV2	18485	22440	1.08%	0.090%
16	10.621	1447	1451	1462	rBV	1300190	1351087	65.13%	5.417%
17	10.721	1466	1468	1472	rBV	57277	60587	2.92%	0.243%
18	11.174	1542	1545	1548	rBV	32189	30988	1.49%	0.124%
19	11.321	1566	1570	1572	rBV	896743	777359	37.47%	3.117%
20	11.345	1572	1574	1580	rVB	105144	116758	5.63%	0.468%
21	11.674	1624	1630	1633	rBV4	25531	36444	1.76%	0.146%
22	11.845	1656	1659	1663	rBV2	105203	104692	5.05%	0.420%
23	11.933	1671	1674	1677	rBV	25541	23675	1.14%	0.095%
24	12.004	1684	1686	1693	rVB4	65909	64492	3.11%	0.259%
25	12.121	1703	1706	1710	rBV3	26025	34944	1.68%	0.140%
26	12.262	1725	1730	1732	rBV5	19863	32124	1.55%	0.129%
27	12.410	1751	1755	1757	rBV4	23597	28870	1.39%	0.116%
28	12.457	1760	1763	1767	rVV5	25017	36598	1.76%	0.147%
29	12.539	1774	1777	1781	rVB	179867	155218	7.48%	0.622%
30	12.627	1790	1792	1795	rBV2	27218	28169	1.36%	0.113%
31	12.768	1811	1816	1823	rBV	161361	181950	8.77%	0.729%
32	12.910	1836	1840	1844	rBV	1598125	1620913	78.14%	6.499%
33	13.351	1912	1915	1921	rVB4	61615	70954	3.42%	0.284%
34	13.839	1994	1998	2001	rBV	156631	174415	8.41%	0.699%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.021	2025	2029	2032	rBV	626919	656638	31.65%	2.633%
36	14.051	2032	2034	2037	rVB	75005	66131	3.19%	0.265%
37	14.186	2055	2057	2065	rBV7	31482	45280	2.18%	0.182%
38	14.533	2113	2116	2123	rVB3	103044	149947	7.23%	0.601%
39	14.903	2172	2179	2184	rVB4	75145	217624	10.49%	0.873%
40	15.151	2218	2221	2229	rVB	89396	179367	8.65%	0.719%
41	15.215	2229	2232	2236	rBV	376146	437555	21.09%	1.754%
42	15.456	2270	2273	2276	rBV	42241	57317	2.76%	0.230%
43	15.521	2281	2284	2287	rVB	55566	63540	3.06%	0.255%
44	15.586	2290	2295	2303	rBV	467364	656859	31.66%	2.634%
45	16.033	2367	2371	2377	rVB	324785	486643	23.46%	1.951%
46	17.656	2635	2647	2655	rBV5	248266	876731	42.26%	3.515%
47	17.827	2671	2676	2684	rVB2	152421	322989	15.57%	1.295%
48	17.939	2692	2695	2700	rBV7	42224	70897	3.42%	0.284%
49	18.068	2711	2717	2728	rBV	301383	833162	40.16%	3.340%
50	18.174	2730	2735	2746	rVB6	192395	587730	28.33%	2.356%
51	18.421	2768	2777	2785	rBV2	322271	1068376	51.50%	4.283%
52	18.562	2796	2801	2809	rBV6	77980	191737	9.24%	0.769%
53	19.003	2869	2876	2885	rVB9	87541	285105	13.74%	1.143%

Sum of corrected areas: 24941869

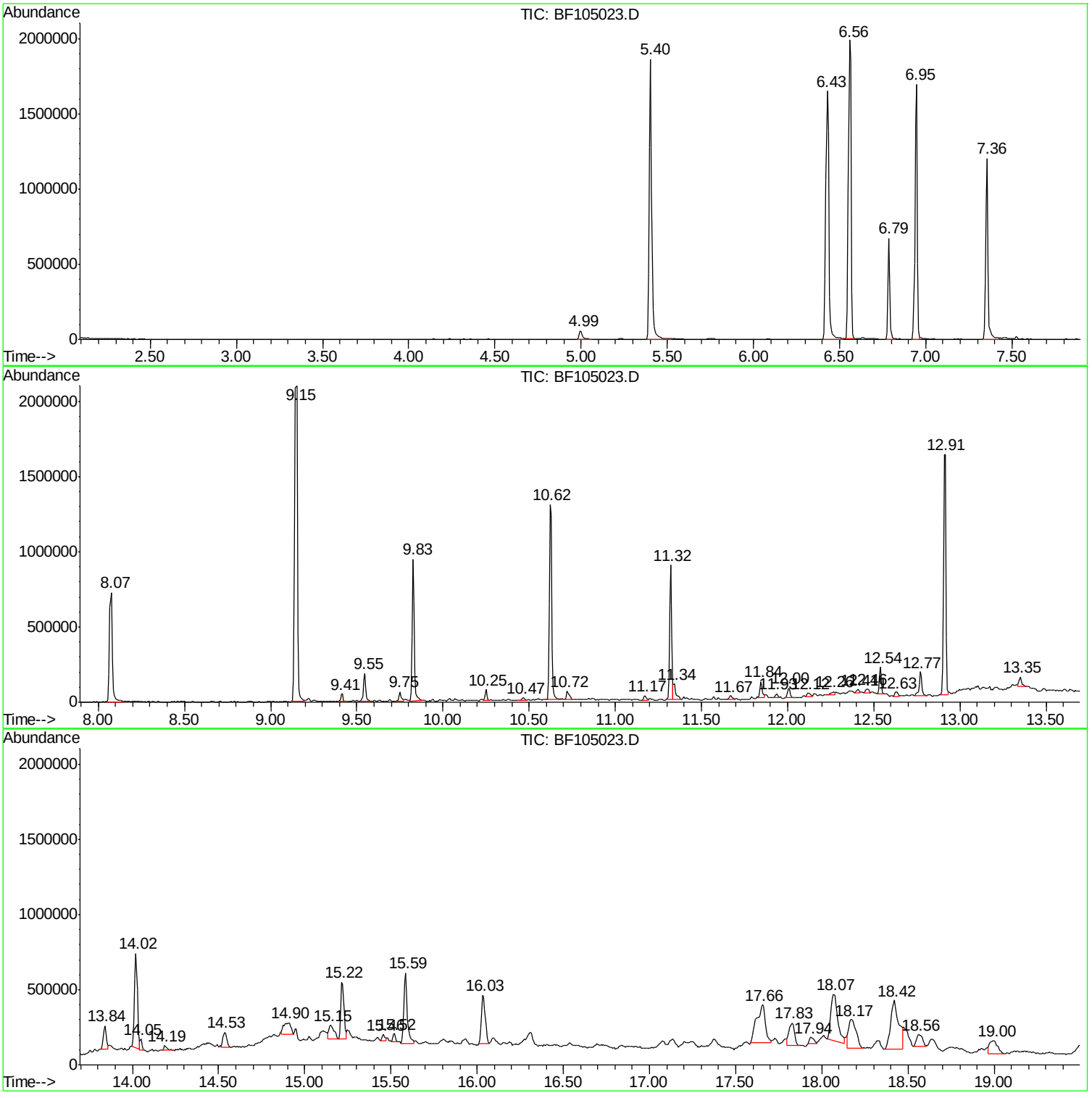
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

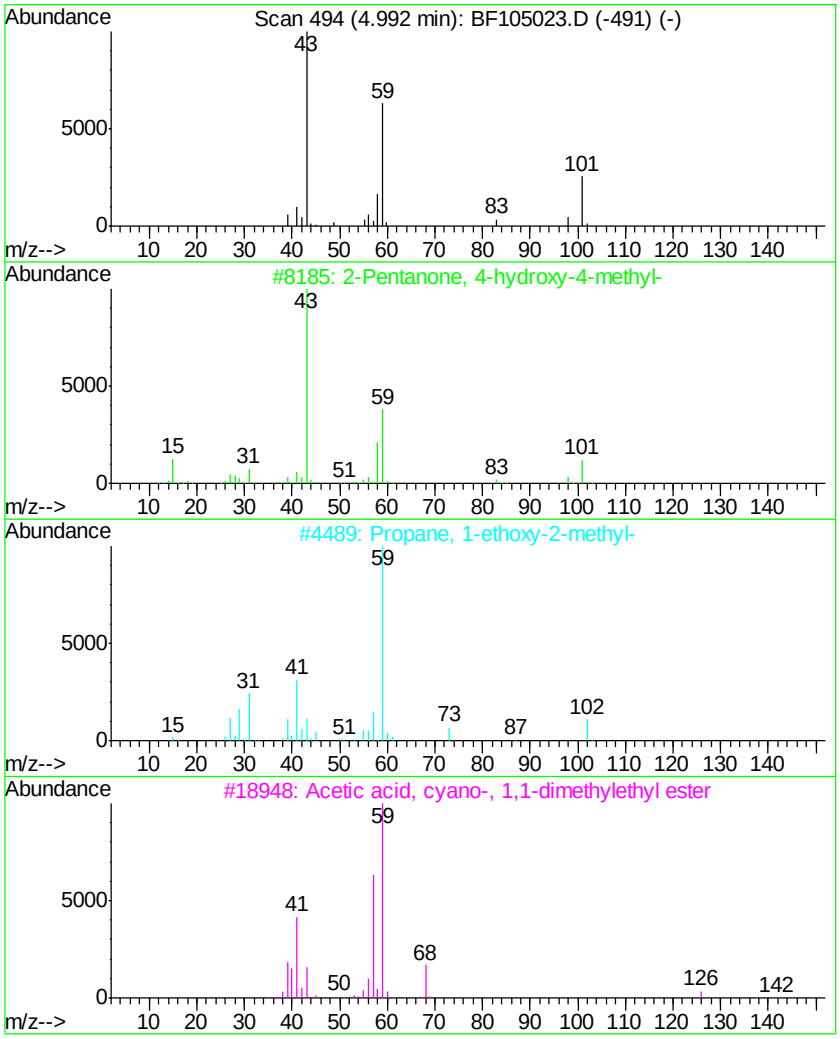
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

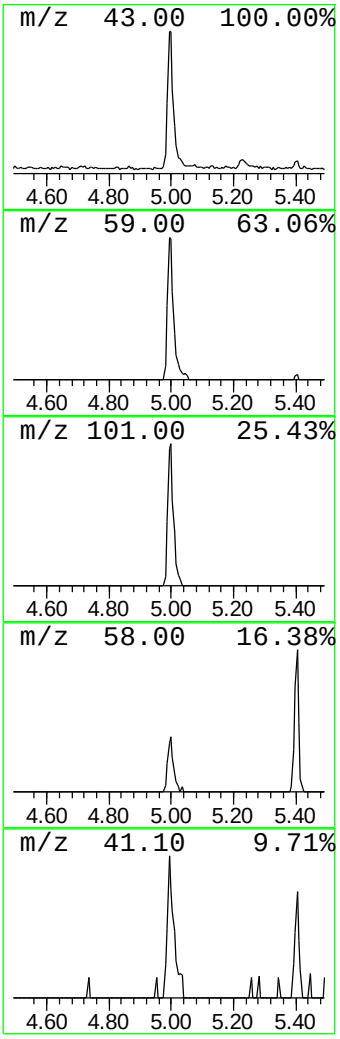
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.90 ng	76445	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

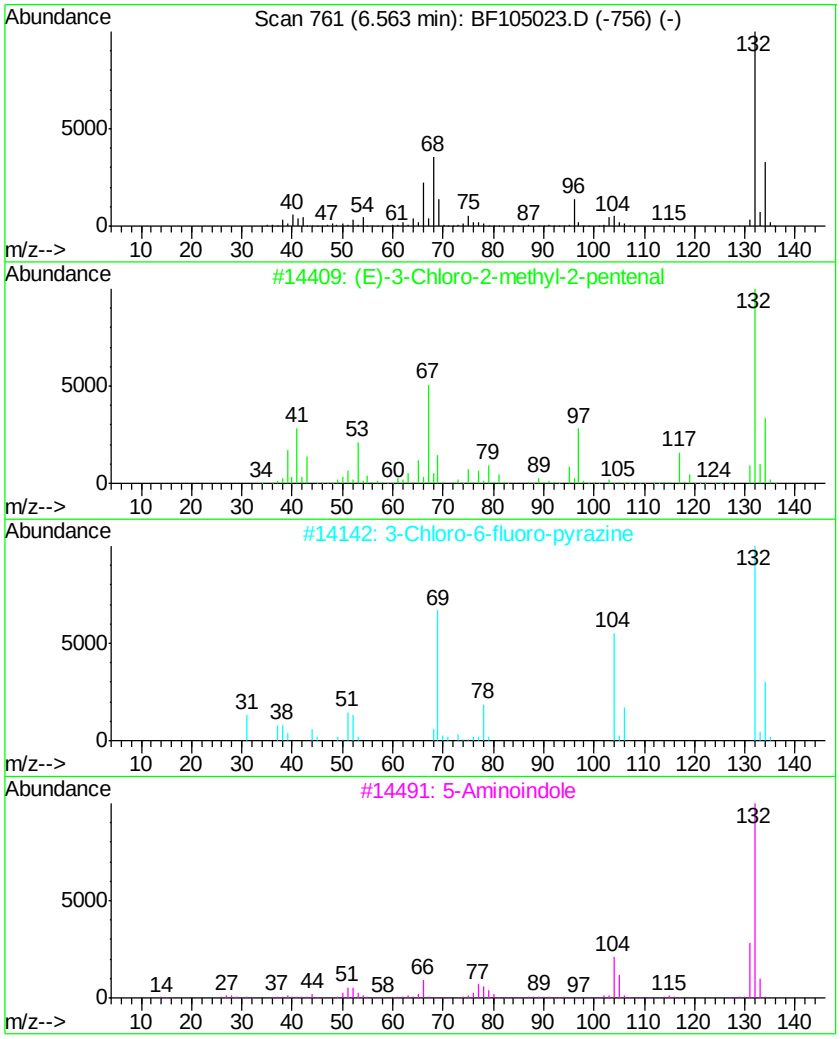
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

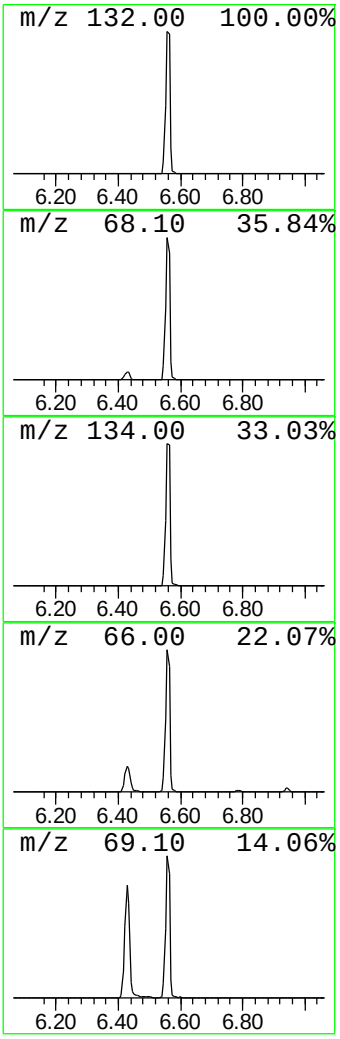
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.59 ng	1886030	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

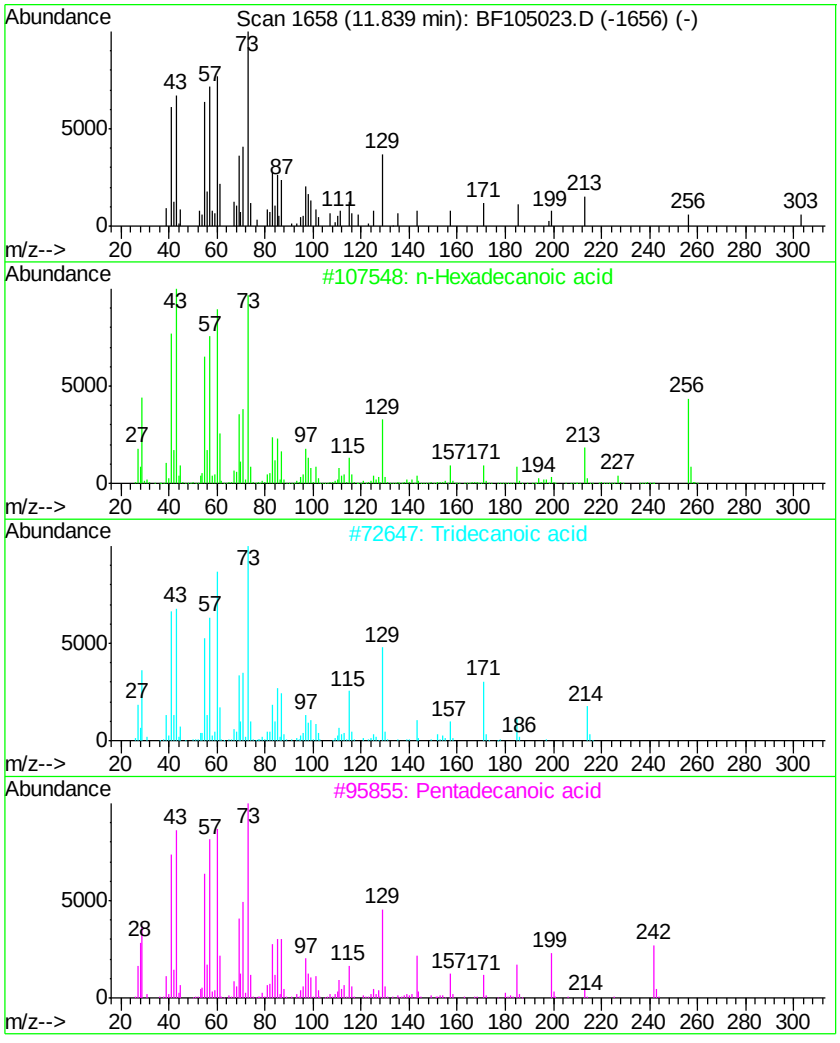
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

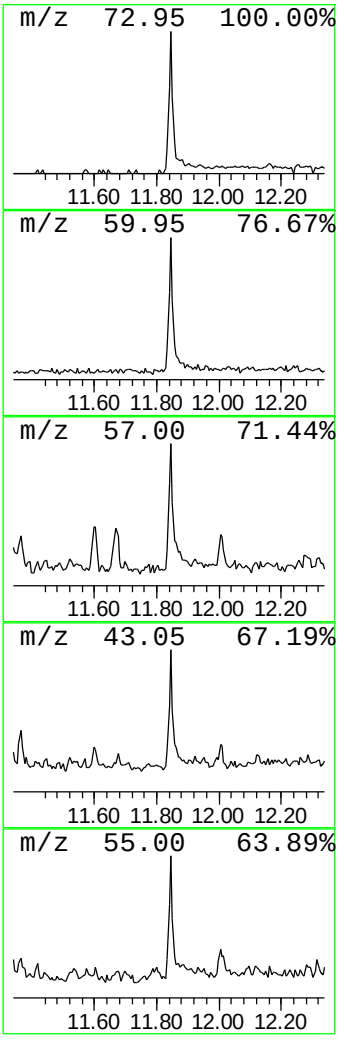
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.69 ng	104692	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

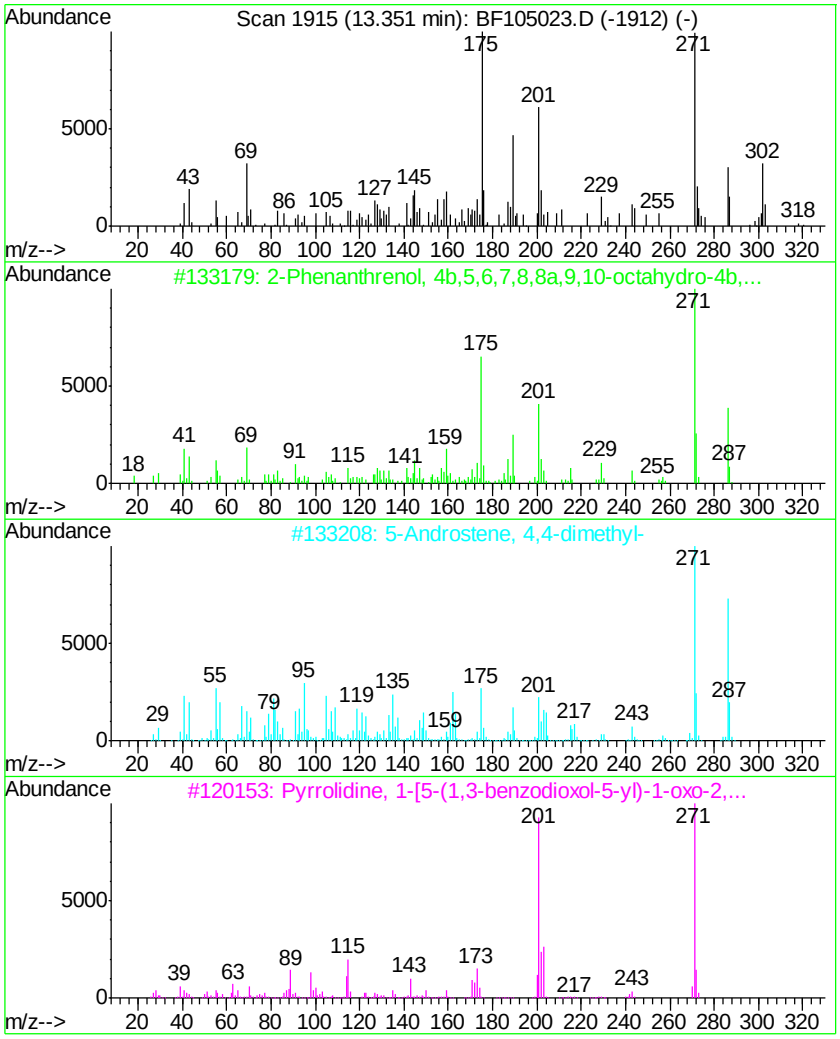
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

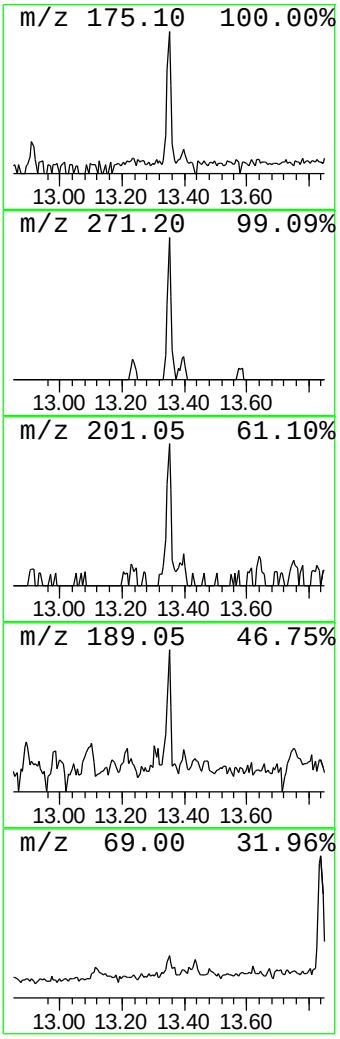
****

Peak Number 5 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.16 ng	70954	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	74
2	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	43
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
4	Thiazole, 2-(2-perhydroazepinyli...	271	C15H17N3S	313252-62-9	27
5	Dihydroapohemanthamine	271	C16H17NO3	001153-01-1	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

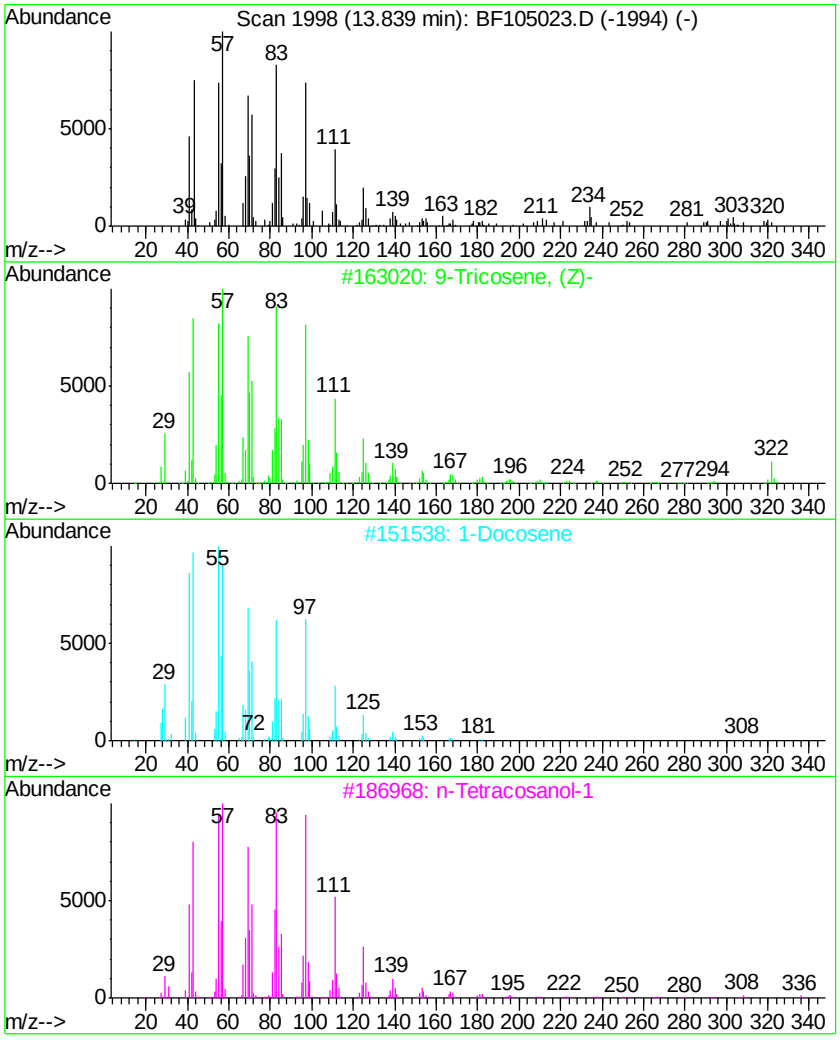
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

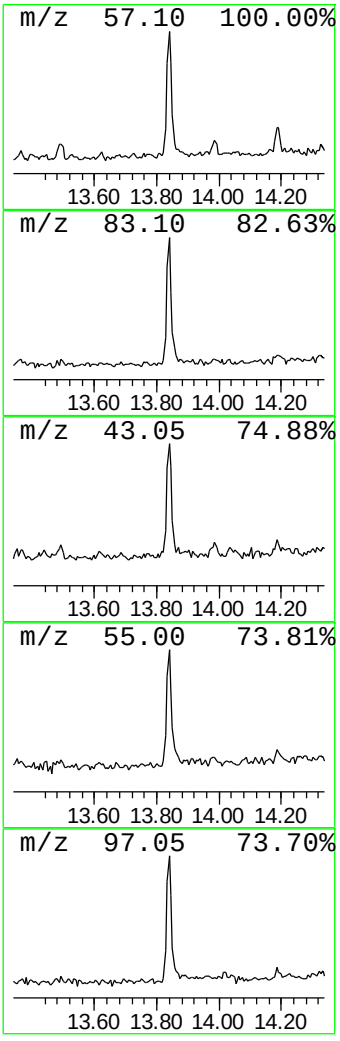
****

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.31 ng	174415	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
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Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

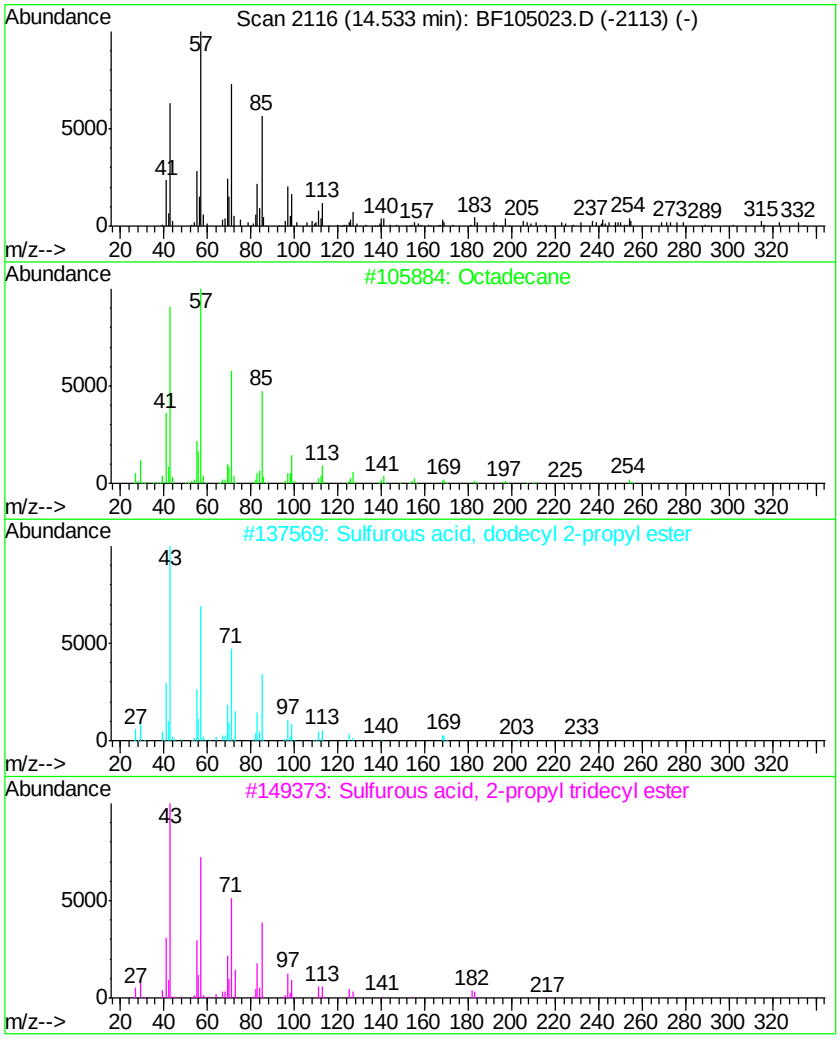
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

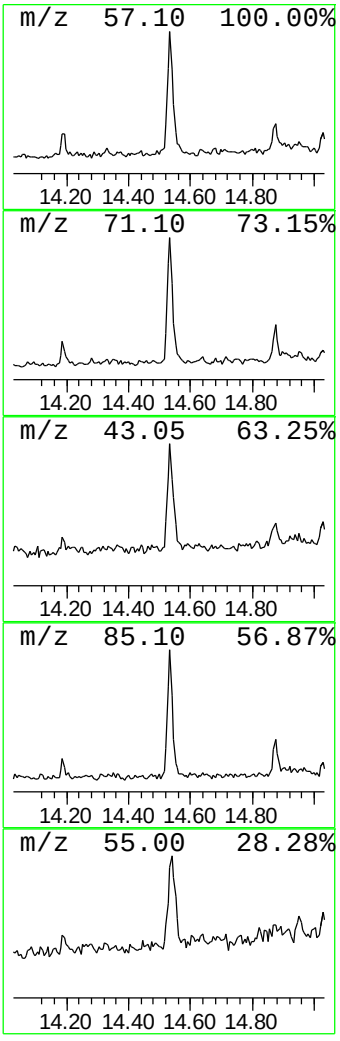
****

Peak Number 7 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.57 ng	149947	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Tritetracontane	605	C43H88	007098-21-7	91





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Data File : BF105023.D
Acq On : 2 May 2018 11:50
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Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

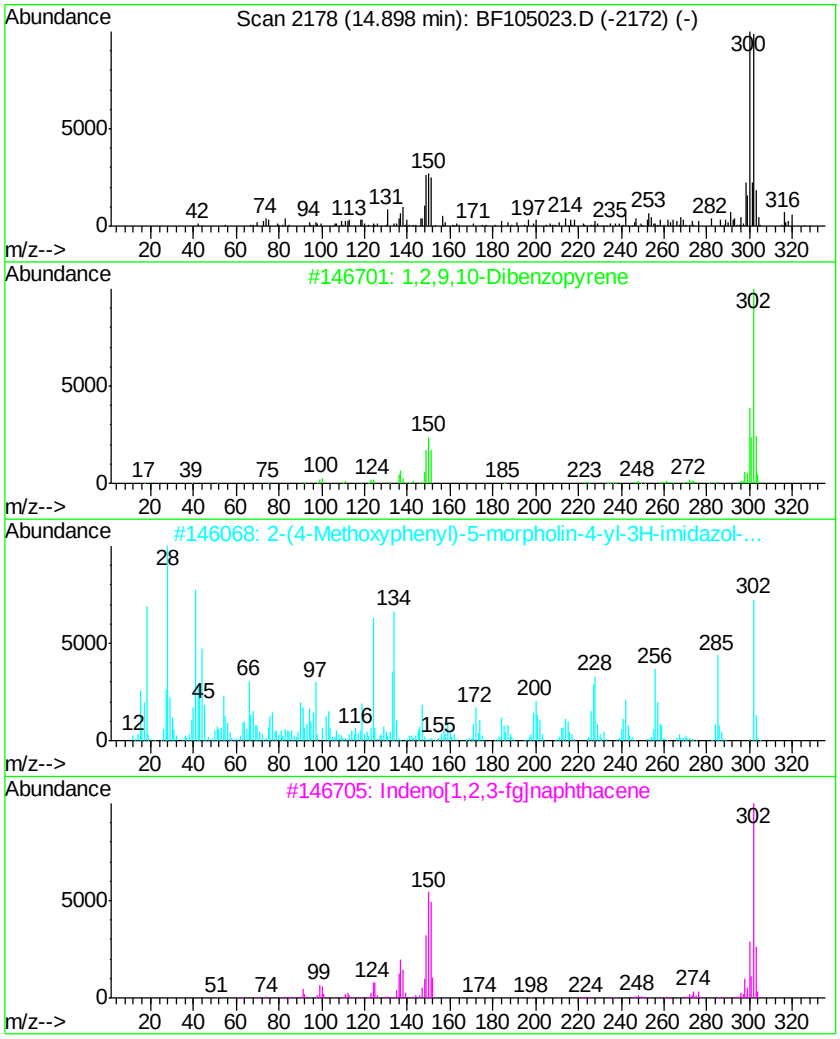
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

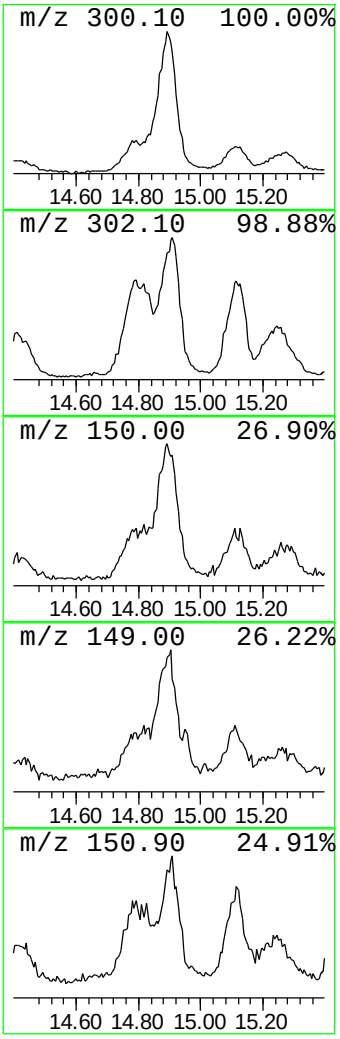
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,2,9,10-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.63 ng	217624	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	90
2	2-(4-Methoxyphenyl)-5-morpholin-...	302	C15H18N4O3	189453-74-5	74
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	50
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	50
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

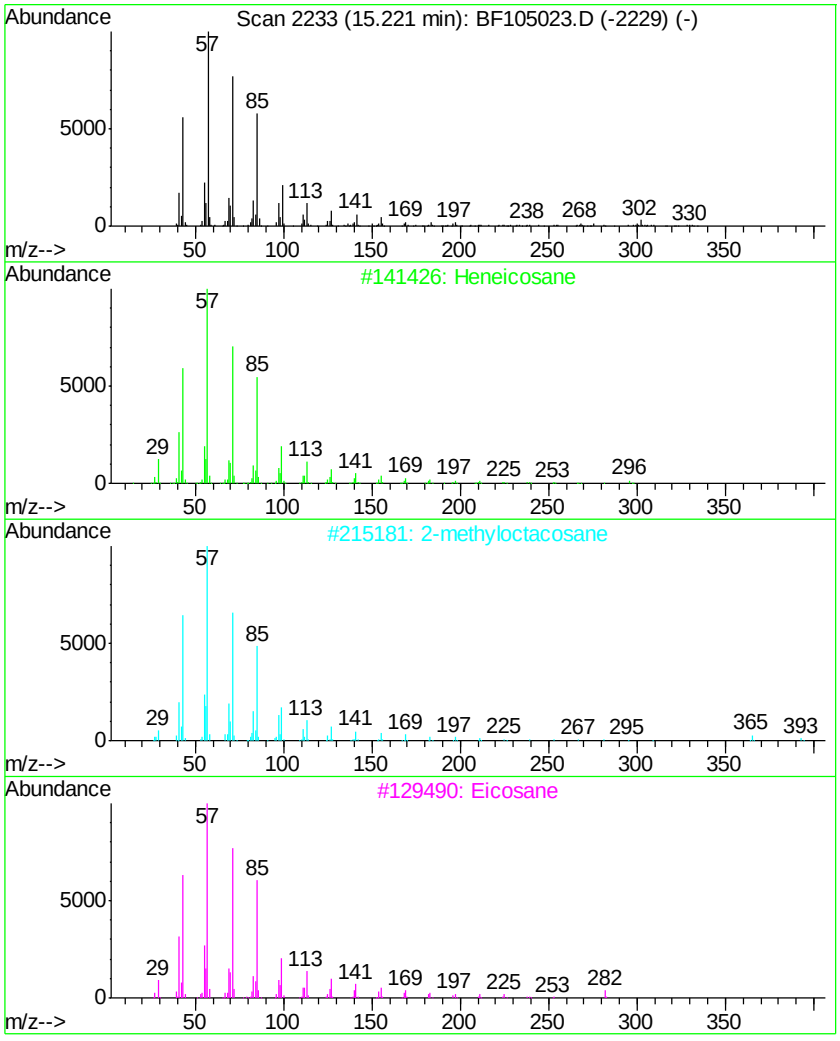
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

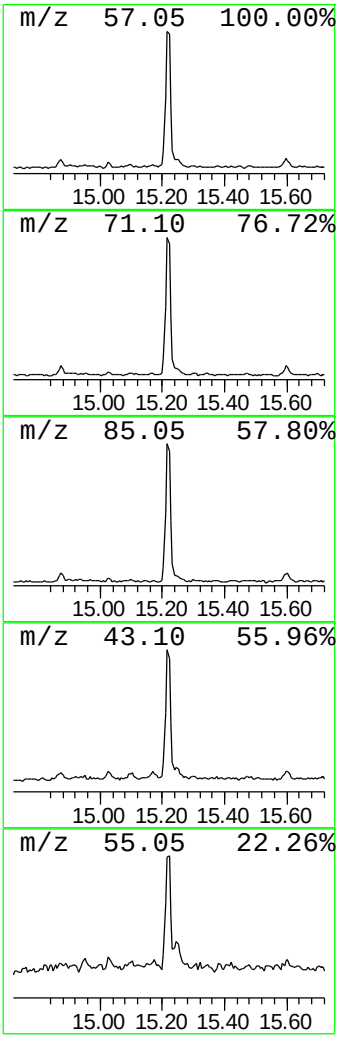
****

Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.32 ng	437555	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octadecane	254	C18H38	000593-45-3	87





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Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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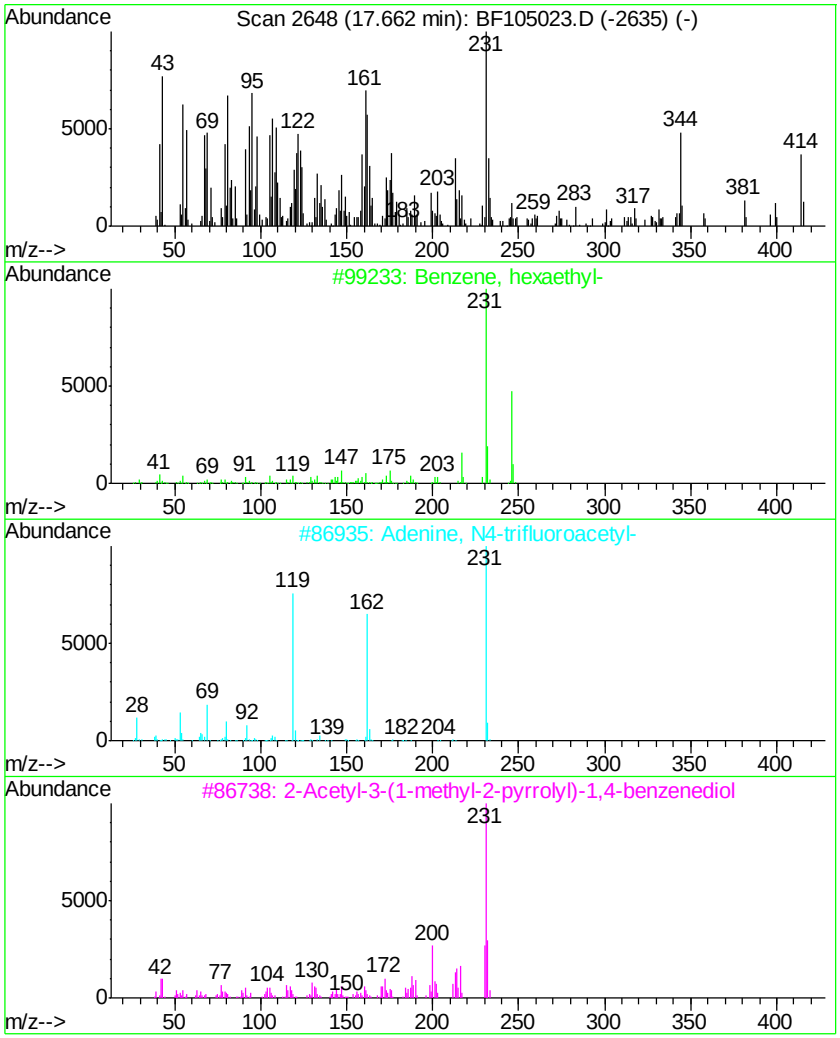
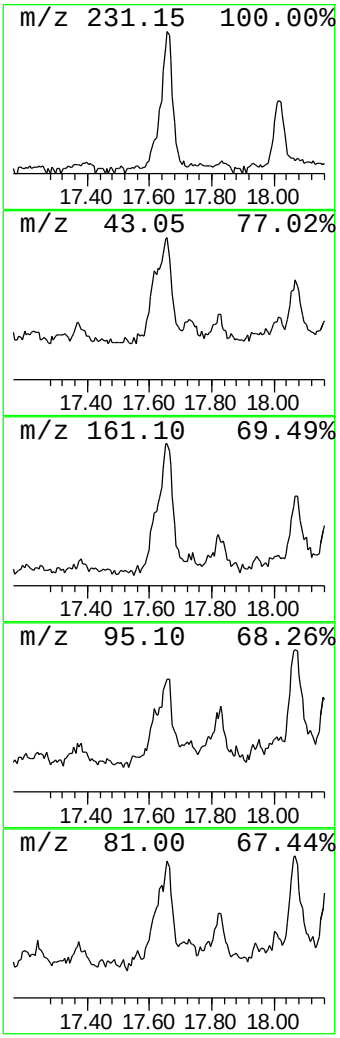
Peak Number 11 unknown17.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	26.69 ng	876731	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexaethyl-	246	C18H30	000604-88-6	25
2	Adenine, N4-trifluoroacetyl-	231	C7H4F3N5O	1000374-88-1	18
3	2-Acetyl-3-(1-methyl-2-pyrrolyl)...	231	C13H13NO3	1000326-75-5	18
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	15
5	4-Acetamido-6-methoxy-8-aminoqui...	231	C12H13N3O2	063456-99-5	15





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Acq On : 2 May 2018 11:50
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Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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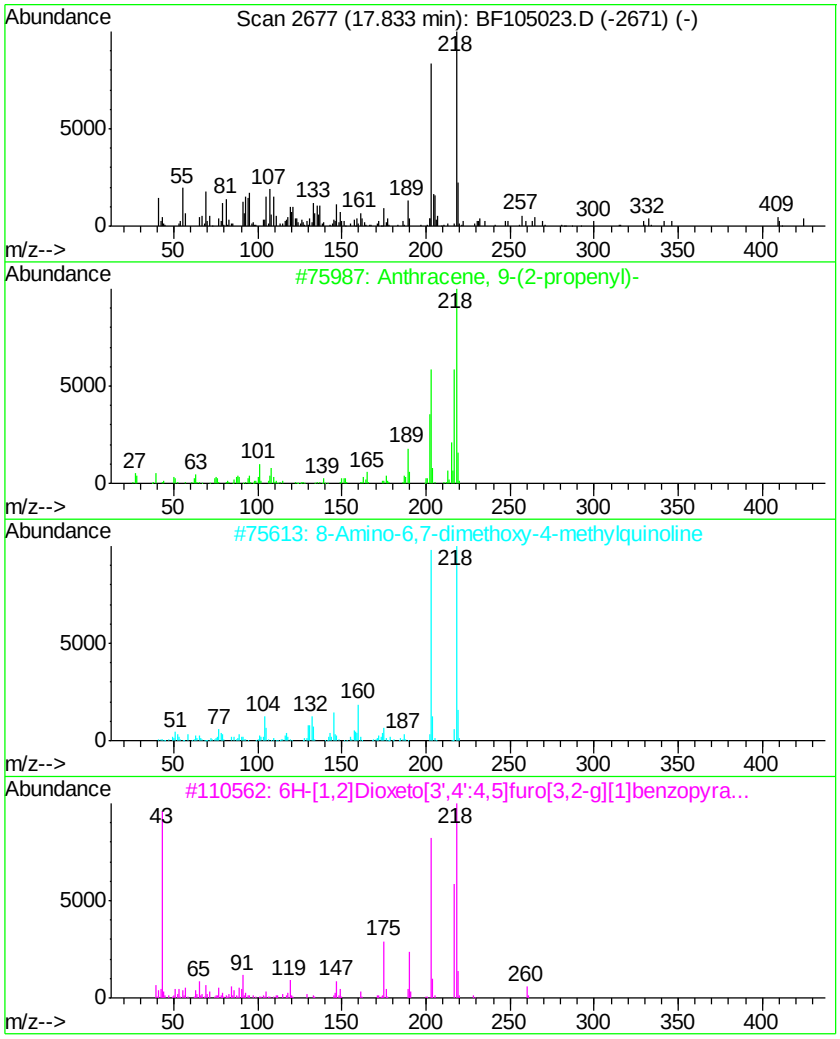
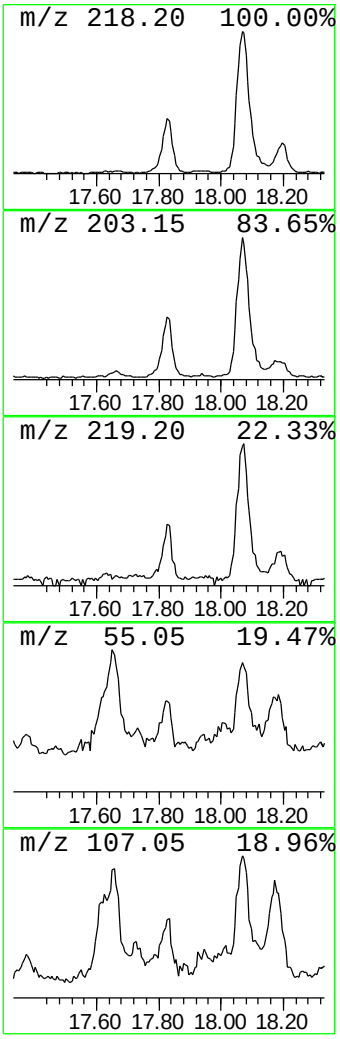
Peak Number 12 Anthracene, 9-(2-propenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	9.83 ng	322989	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	74
2	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
3	6H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129812-24-4	53
4	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	46
5	Olean-12-ene	410	C30H50	000471-68-1	43





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Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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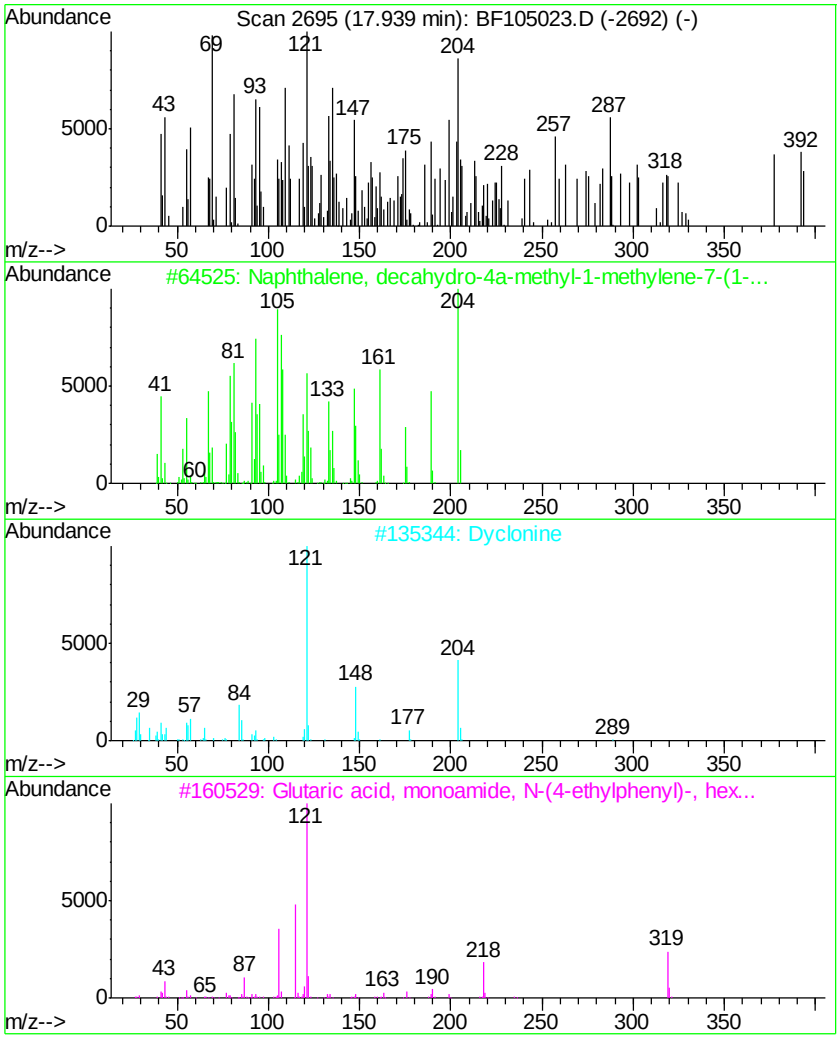
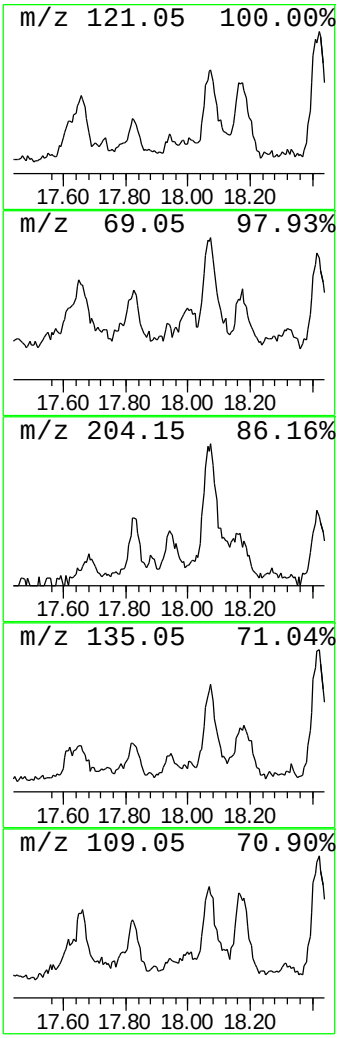
Peak Number 13 unknown17.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.16 ng	70897	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	25
2	Dyclonine	289	C18H27NO2	000586-60-7	22
3	Glutaric acid, monoamide, N-(4-e...	319	C19H29NO3	1000360-90-0	18
4	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	18
5	Glutaric acid, monoamide, N-(4-e...	263	C15H21NO3	1000360-89-5	15





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Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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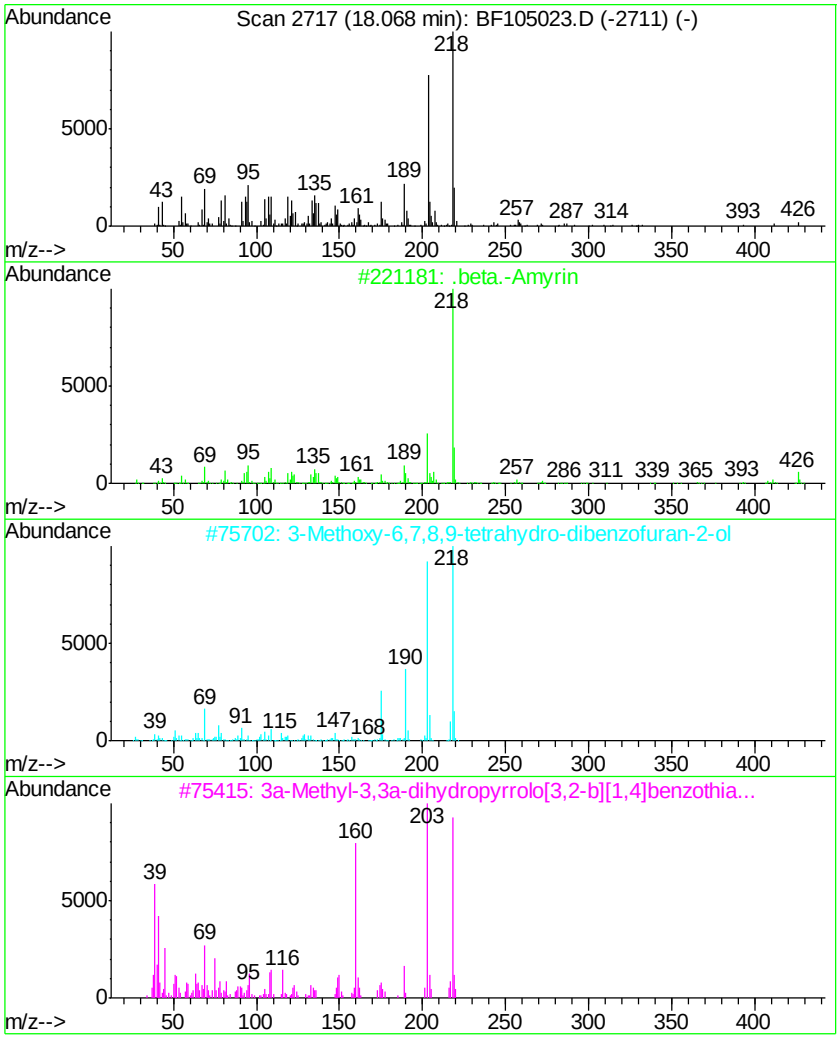
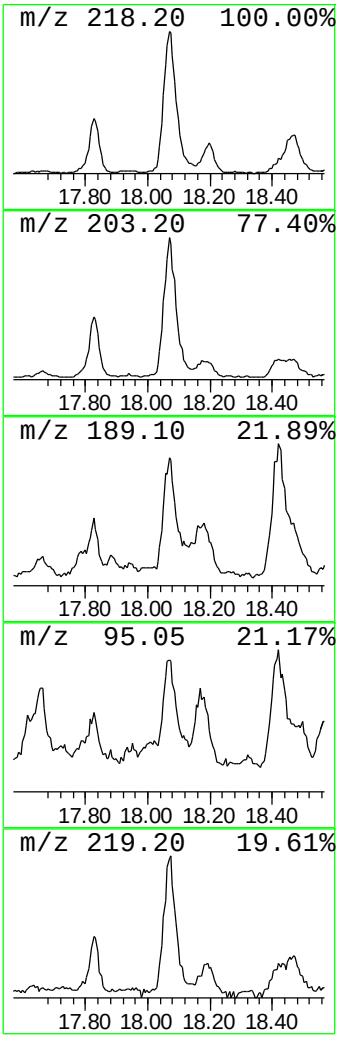
Peak Number 14 .beta.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	25.37 ng	833162	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	95
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	68
3	3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	64
4	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	59
5	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	59





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Data File : BF105023.D
Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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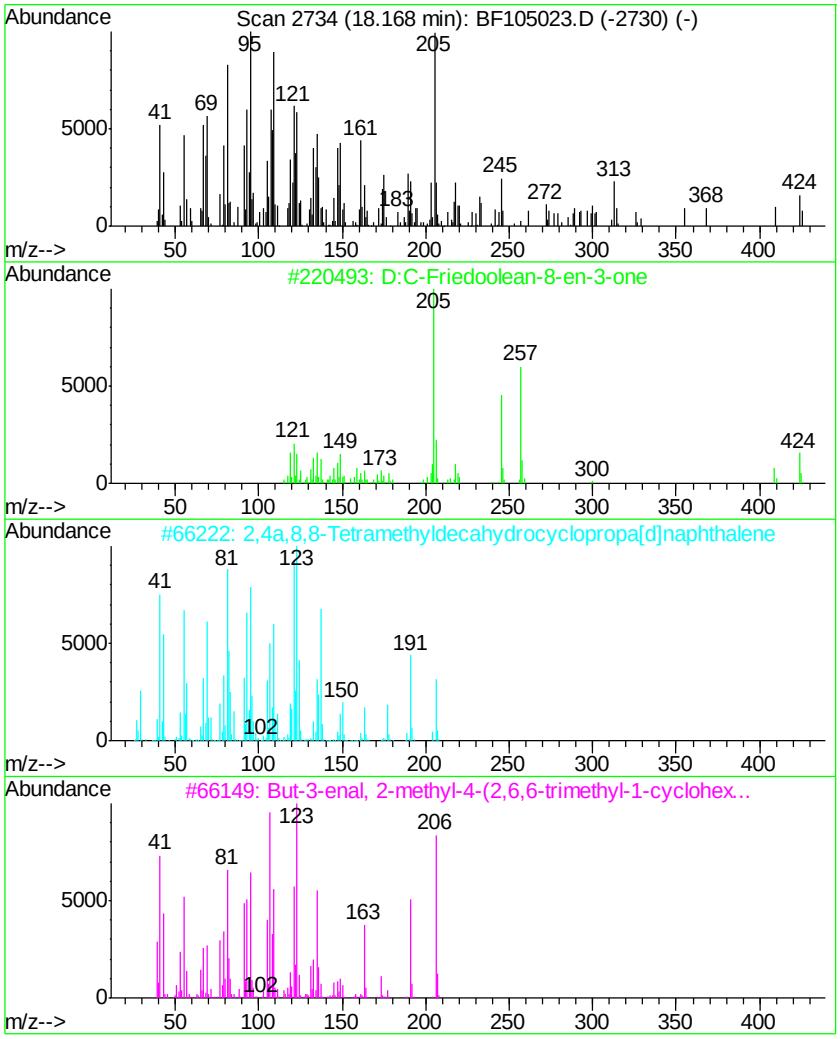
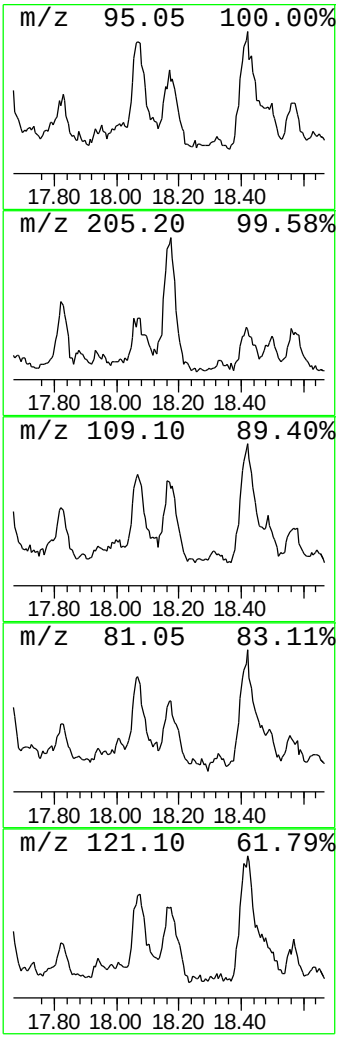
Peak Number 15 D:C-Friedoolean-8-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	17.90 ng	587730	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	86
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38
3	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	38
4	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	38
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	38





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Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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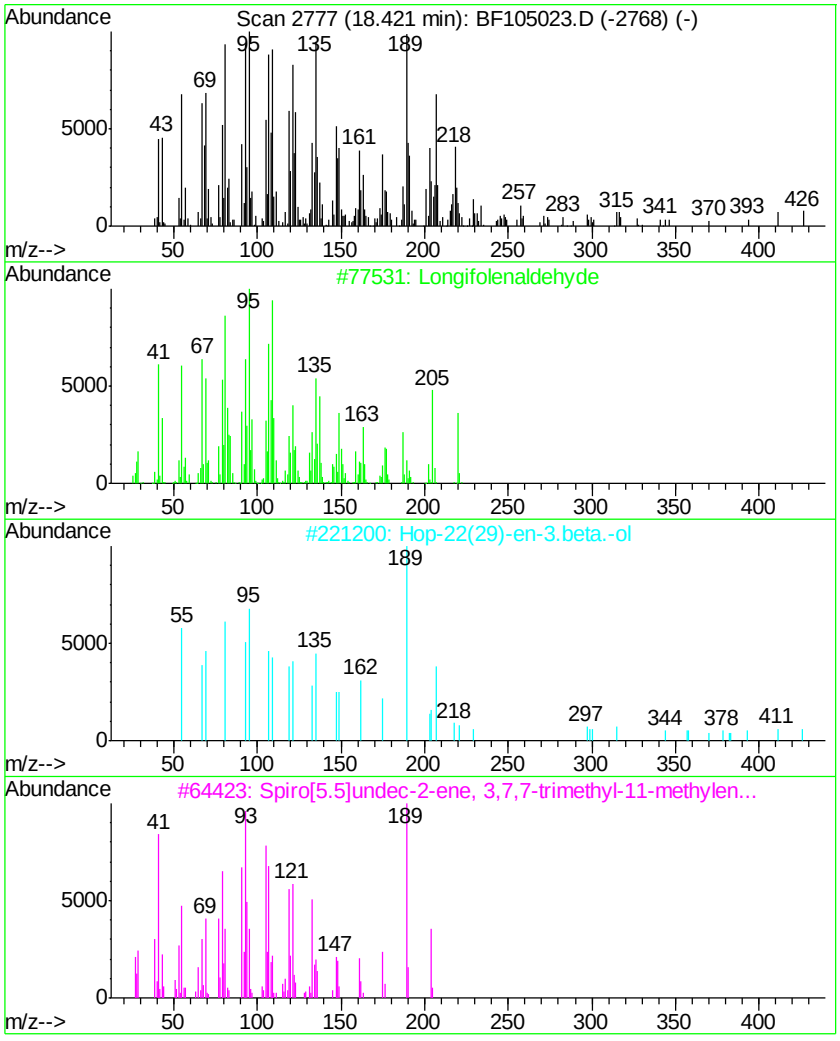
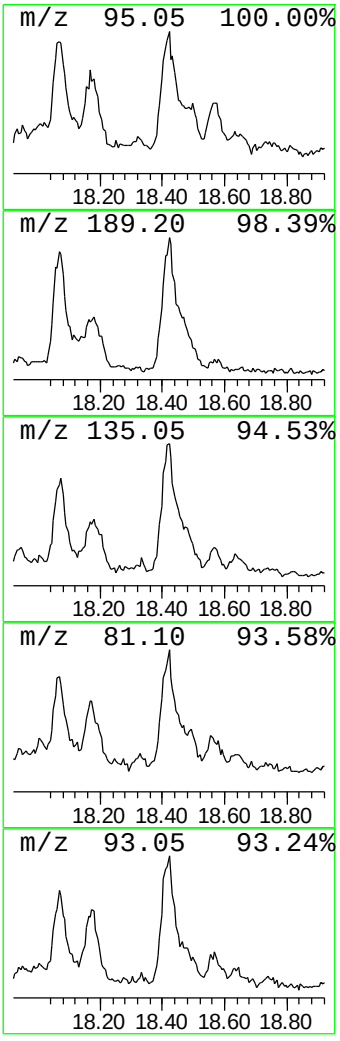
Peak Number 16 Longifolenaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	32.53 ng	1068380	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolenaldehyde	220	C15H24O	019890-84-7	64
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	42
3	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	38
4	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	38
5	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	38





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Acq On : 2 May 2018 11:50
Operator : JU/SJ
Sample : J2157-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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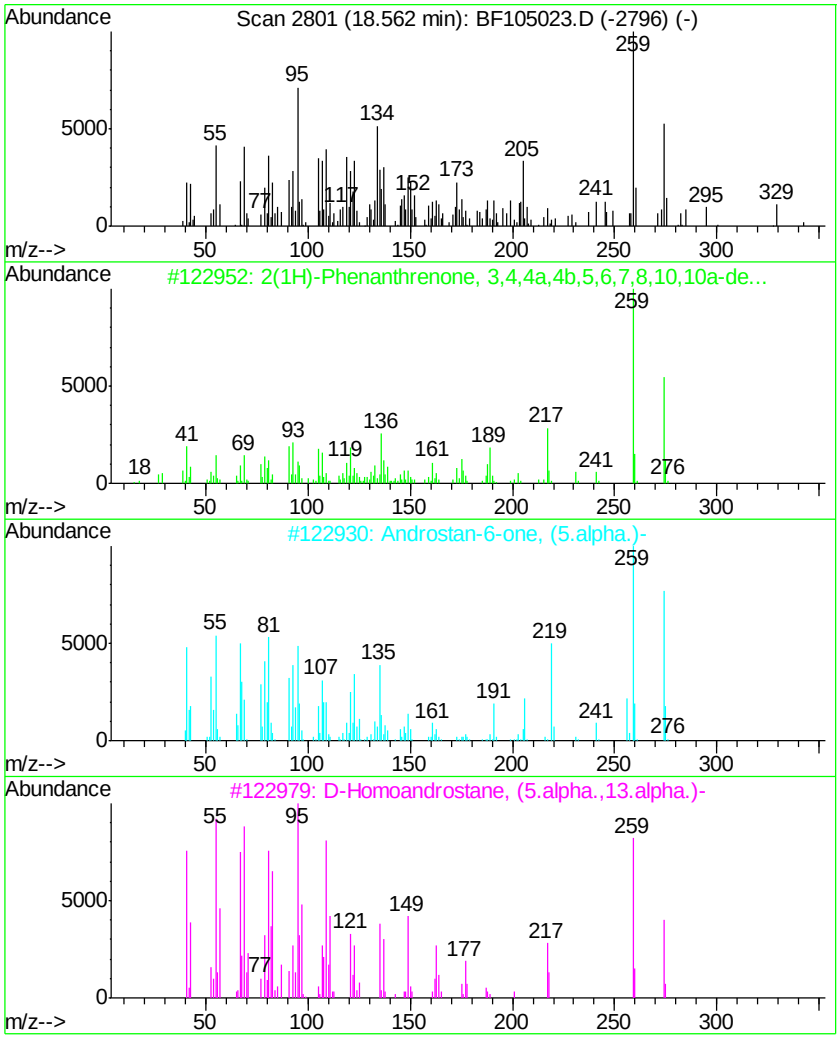
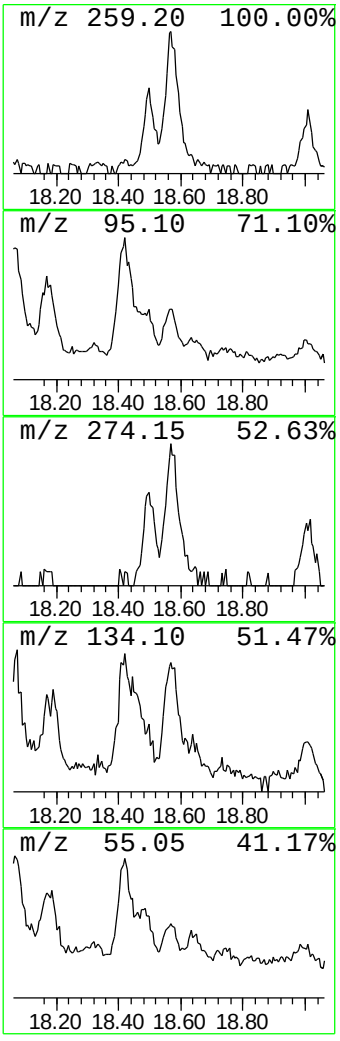
Peak Number 17 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	5.84 ng	191737	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	64
2	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	53
3	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	53
4	1,3-DIETHYL-2-HYDROXYBENZOTHIAZO...	274	C14H14N2O2S	1000227-15-3	50
5	Bi-1-cyclohexen-1-yl, 3,3,3',3',...	274	C20H34	076993-52-7	47





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Instrument : BNA_F
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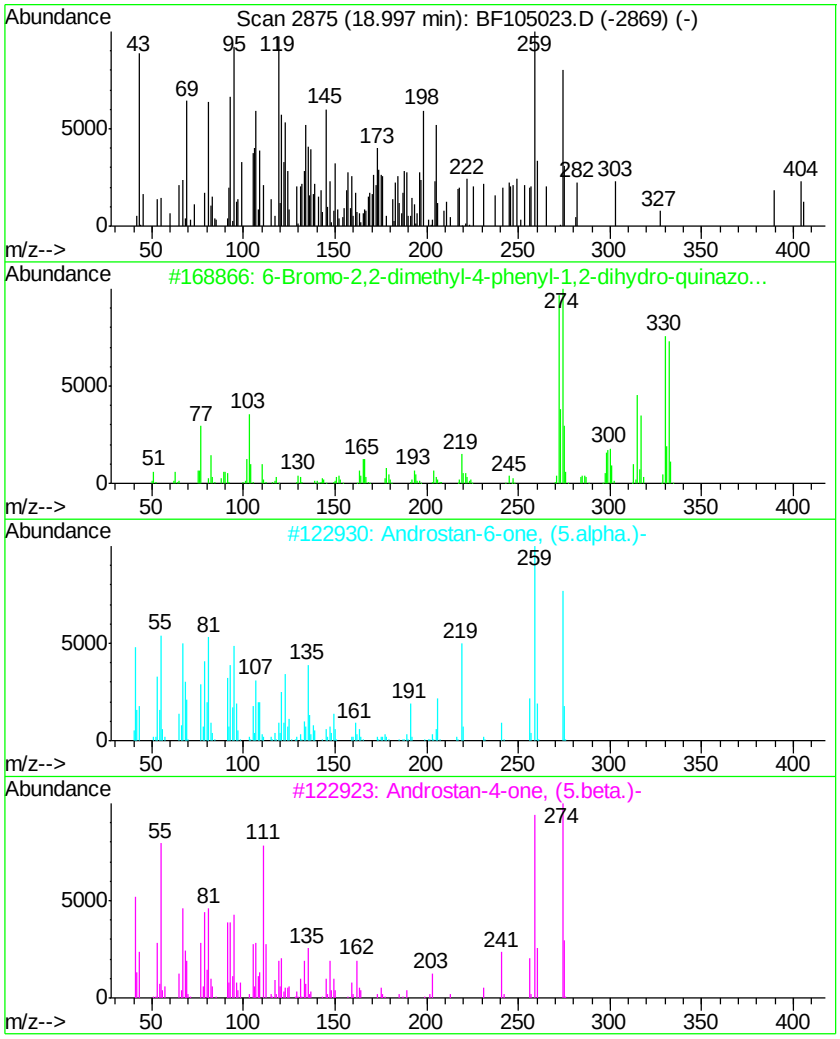
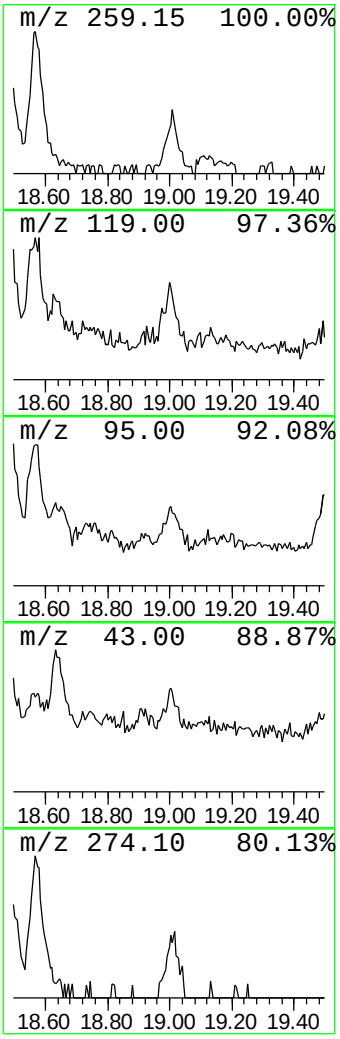
Peak Number 18 6-Bromo-2,2-dimethyl-4-phen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	8.68 ng	285105	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-2,2-dimethyl-4-phenyl-1,...	330	C16H15BrN2O	251639-78-8	53
2	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	43
3	Androstan-4-one, (5.beta.)-	274	C19H30O	013583-71-6	16
4	3-Oxa-bicyclo[3.3.1]non-6-ene, 6...	260	C18H28O	313504-78-8	15
5	1-[p-Nitrophenyl]-3-[2-pyrimidyl...	259	C11H9N5O3	023656-31-7	14





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	2.9	ng	76445	1	6.79	526902	20.0
unknown6.56	6.56	71.6	ng	1886030	1	6.79	526902	20.0
n-Hexadecanoic acid	11.84	2.7	ng	104692	4	11.32	777359	20.0
2-Phenanthrenol, ...	13.35	2.2	ng	70954	5	14.02	656638	20.0
9-Tricosene, (Z)-	13.84	5.3	ng	174415	5	14.02	656638	20.0
Octadecane	14.53	4.6	ng	149947	5	14.02	656638	20.0
1,2,9,10-Dibenzop...	14.90	6.6	ng	217624	6	15.59	656859	20.0
Heneicosane	15.22	13.3	ng	437555	6	15.59	656859	20.0
unknown17.66	17.66	26.7	ng	876731	6	15.59	656859	20.0
Anthracene, 9-(2-...	17.83	9.8	ng	322989	6	15.59	656859	20.0
unknown17.94	17.94	2.2	ng	70897	6	15.59	656859	20.0
.beta.-Amyrin	18.07	25.4	ng	833162	6	15.59	656859	20.0
D:C-Friedoolean-8...	18.17	17.9	ng	587730	6	15.59	656859	20.0
Longifolenaldehyde	18.42	32.5	ng	1068380	6	15.59	656859	20.0
2(1H)-Phenanthren...	18.56	5.8	ng	191737	6	15.59	656859	20.0
6-Bromo-2,2-dimet...	19.00	8.7	ng	285105	6	15.59	656859	20.0