LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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	3.188	14	17	29	rVB	47577	91364	2.64%	0.404%
2	5.139	343	349	355	rBV	35572	58261	1.68%	0.257%
3	5.603	421	428	442	rBV	467548	789960	22.84%	3.491%
4	7.201	692	700	716	rBV	289172	533662	15.43%	2.358%
5	7.577	756	764	779	rBV	856825	1518112	43.89%	6.709%
6	8.047	837	844	857	rVB	205245	354854	10.26%	1.568%
7	8.371	891	899	910	rVB	796574	1372399	39.67%	6.065%
8	8.735	954	961	971	rVB2	20743	39478	1.14%	0.174%
9	9.223	1035	1044	1052	rBV	620763	1142777	33.04%	5.050%
10	10.045	1176	1184	1191	rBV3	16656	39022	1.13%	0.172%
11	10.862	1314	1323	1333	rVB	274358	490977	14.19%	2.170%
12	11.038	1349	1353	1360	rVB3	21540	39738	1.15%	0.176%
13	11.226	1378	1385	1394	rBV2	41501	89471	2.59%	0.395%
14	11.467	1419	1426	1434	rBV2	69530	143600	4.15%	0.635%
15	11.561	1437	1442	1453	rVB4	20611	46330	1.34%	0.205%
16	12.248	1553	1559	1568	rBV2	57394	108481	3.14%	0.479%
17	13.300	1731	1738	1746	rVV	1698066	2592877	74.96%	11.458%
18	14.681	1966	1973	1981	rBV2	420245	660305	19.09%	2.918%
19	14.822	1990	1997	2002	rBV2	18413	37855	1.09%	0.167%
20	15.615	2126	2132	2140	rBV3	85380	206313	5.96%	0.912%
21	16.167	2219	2226	2238	rBV	1334028	2062158	59.61%	9.113%
22	16.397	2258	2265	2273	rBV3	116763	241532	6.98%	1.067%
23	16.714	2315	2319	2328	rVB3	45000	71347	2.06%	0.315%
24	17.372	2427	2431	2435	rBV	58572	77035	2.23%	0.340%
25	17.425	2435	2440	2448	rVB	570142	830055	24.00%	3.668%
26	17.818	2502	2507	2512	rBV2	28458	42572	1.23%	0.188%
27	18.083	2547	2552	2559	rBV4	42736	74811	2.16%	0.331%
28	18.283	2581	2586	2597	rBV2	177867	317911	9.19%	1.405%
29	18.670	2647	2652	2657	rBV2	53094	73656	2.13%	0.325%
30	19.064	2715	2719	2724	rVB6	31424	39220	1.13%	0.173%
31	19.475	2784	2789	2794	rVB	95077	139384	4.03%	0.616%
32	19.552	2797	2802	2810	rBV4	193999	360195	10.41%	1.592%
33	19.834	2847	2850	2856	rVB	90005	134835	3.90%	0.596%
34	20.028	2877	2883	2889	rVB	2570335	3459212	100.00%	15.286%

LSC Area Percent Report

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Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.791	3010	3013	3018	rVB2	33635	37378	1.08%	0.165%
36	21.297	3095	3099	3110	rVB2	61515	120295	3.48%	0.532%
37	21.696	3161	3167	3179	rVB	591852	979619	28.32%	4.329%
38	21.843	3188	3192	3198	rVB	84609	118937	3.44%	0.526%
39	22.454	3290	3296	3303	rVB	133955	213378	6.17%	0.943%
40	23.147	3407	3414	3420	rVB2	179341	342972	9.91%	1.516%
41	23.958	3543	3552	3559	rBV	206269	438357	12.67%	1.937%
42	24.910	3706	3714	3719	rBV2	192915	481536	13.92%	2.128%
43	24.975	3719	3725	3741	rVB4	328257	951736	27.51%	4.206%
44	26.050	3898	3908	3918	rBV4	127562	406183	11.74%	1.795%
45	27.419	4131	4141	4154	rVB4	72101	259383	7.50%	1.146%

Sum of corrected areas: 22629533

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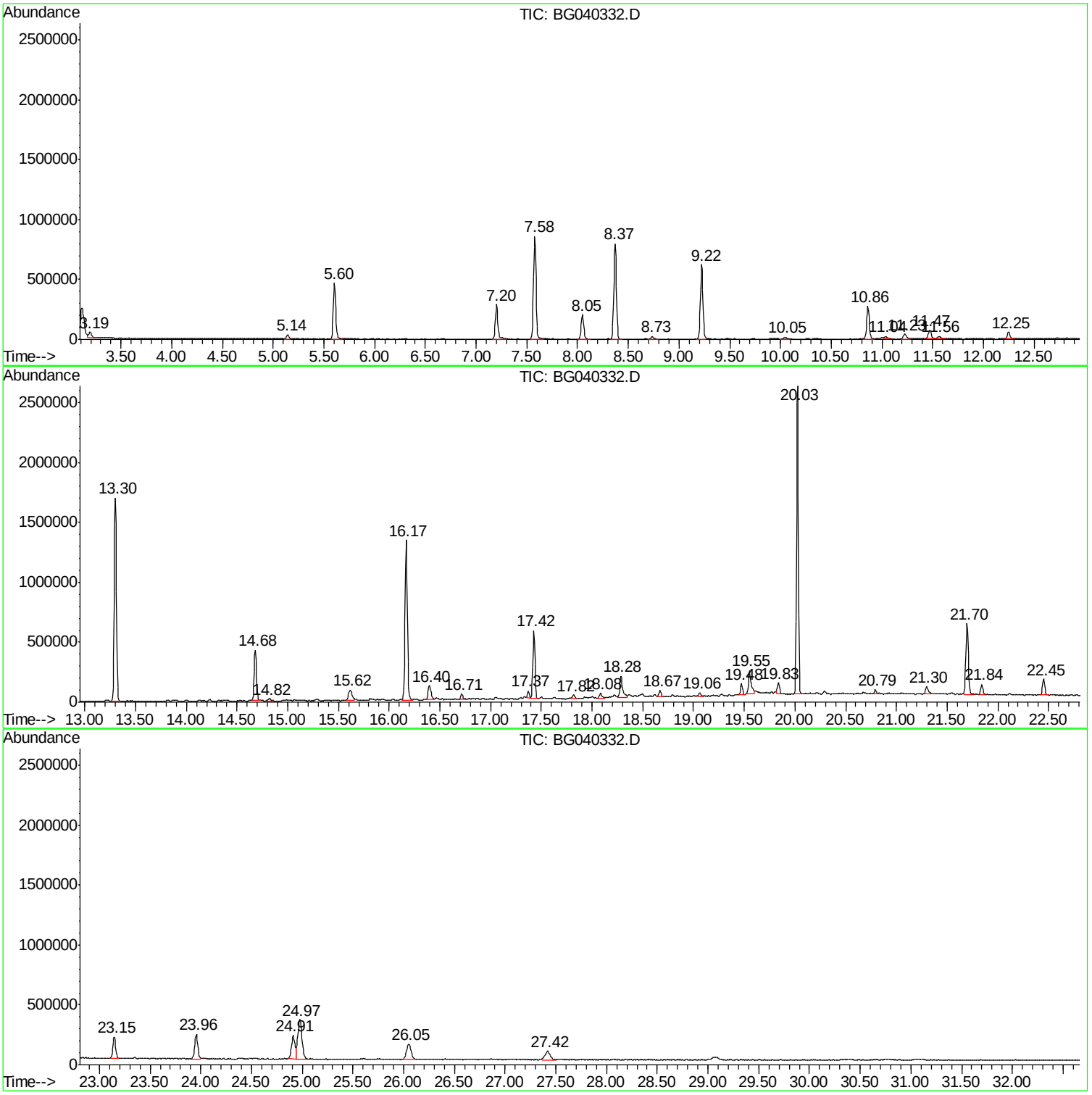
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
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Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

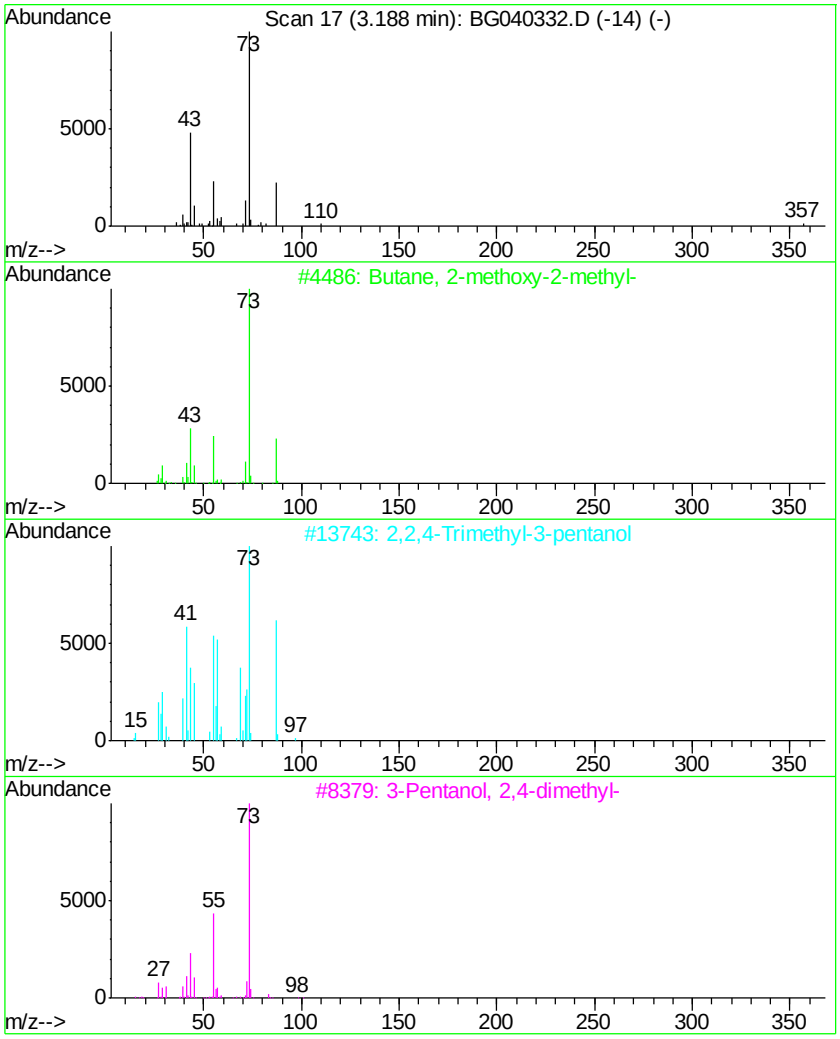
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

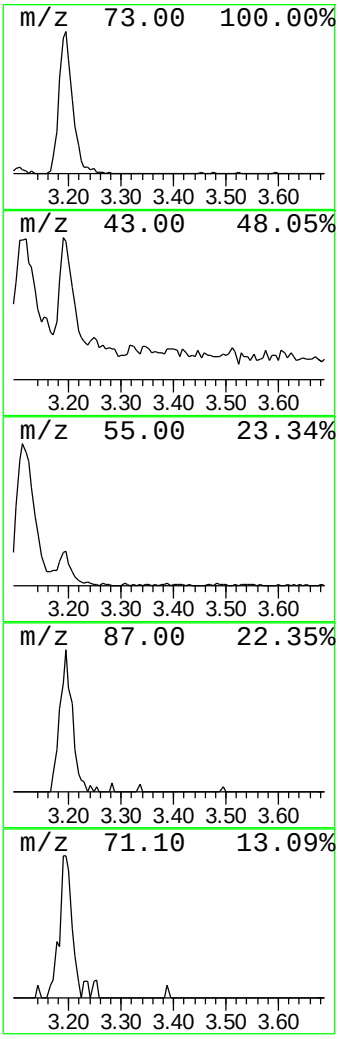
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	5.15 ng	91364	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	9
5	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	7





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Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

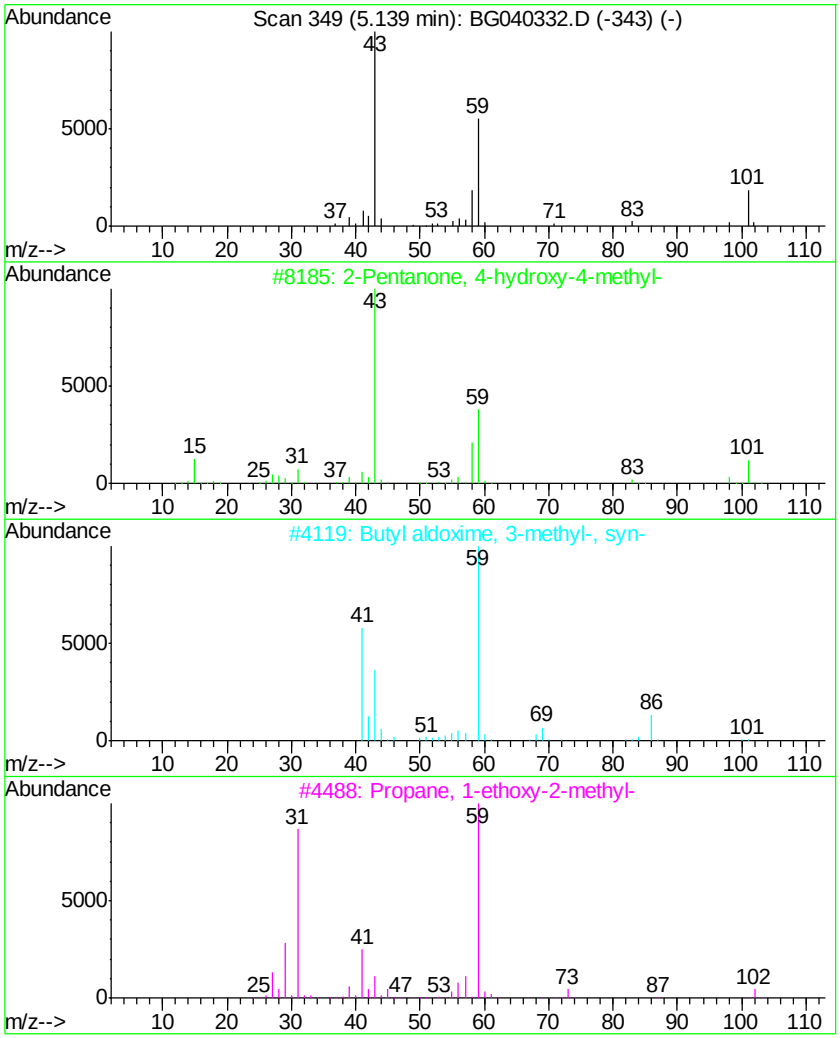
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

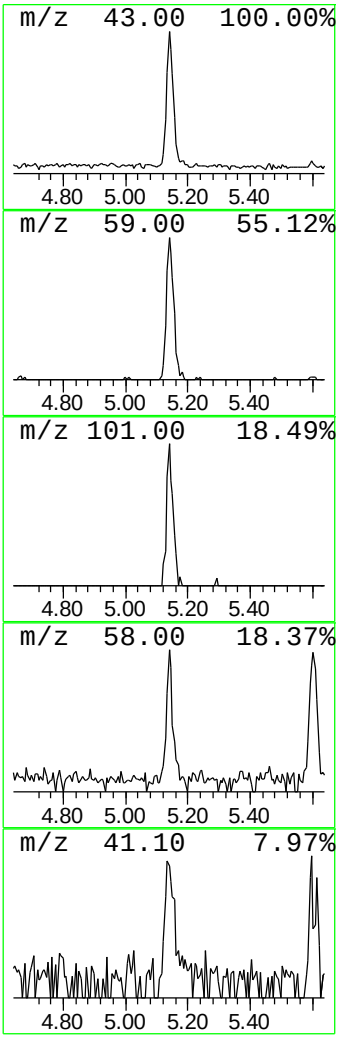
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.28 ng	58261	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
4	Butane	58	C4H10	000106-97-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

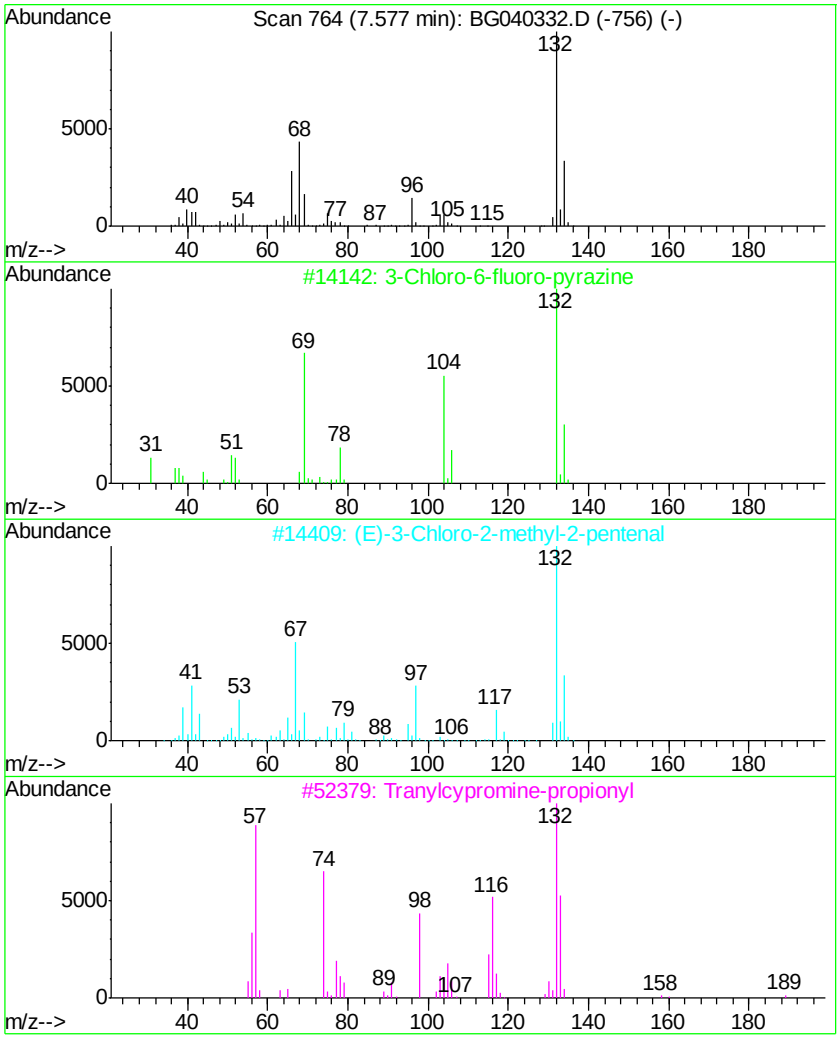
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

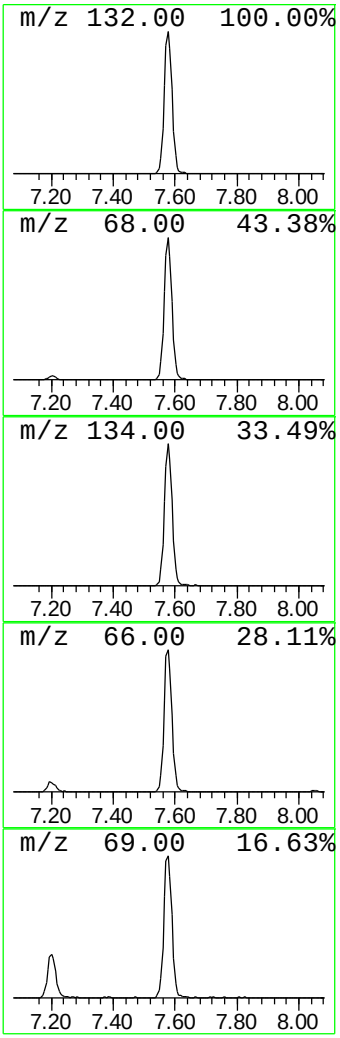
****

Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	85.56 ng	1518110	1,4-Dichlorobenzene-d4	8.05

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

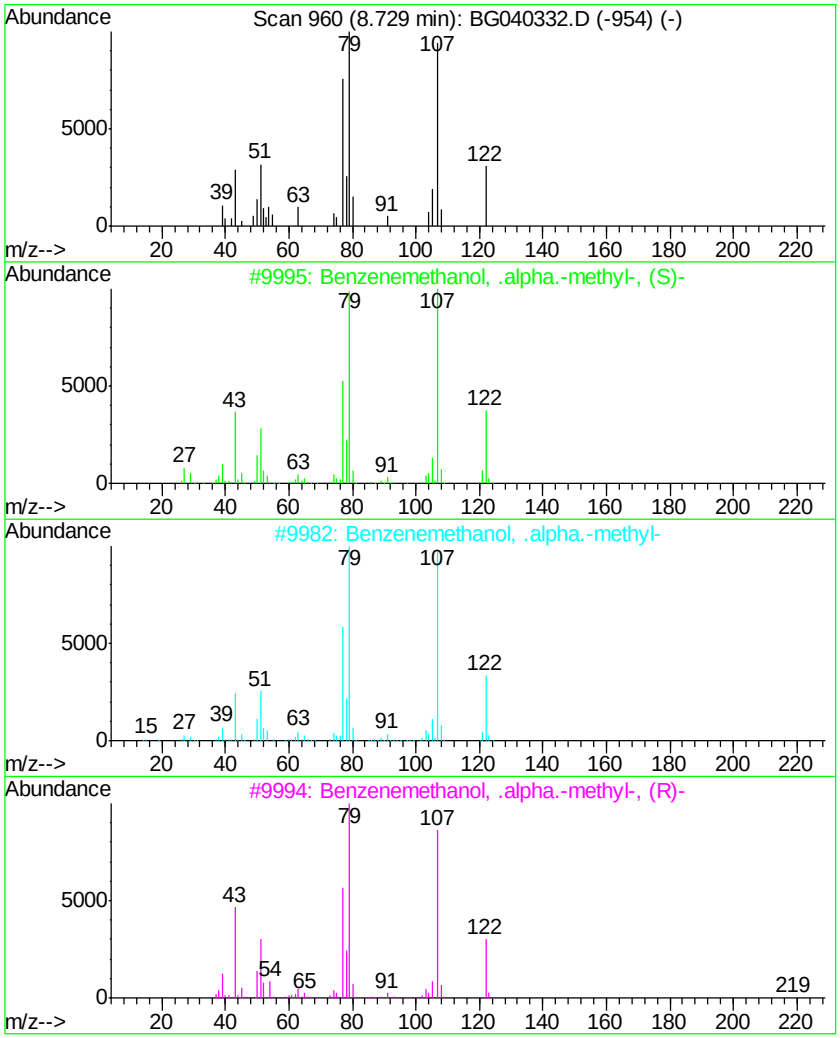
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

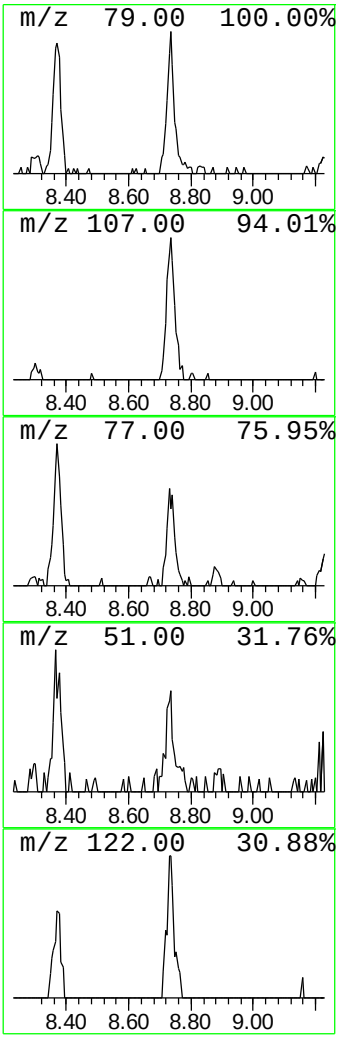
****

Peak Number 5 Benzenemethanol, .alpha.-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.23 ng	39478	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	94
2	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	94
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	91
4	Benzenemethanol, .alpha.-2-prope...	148	C10H12O	000936-58-3	72
5	S-(-)-1-Phenylpropanol	136	C9H12O	000613-87-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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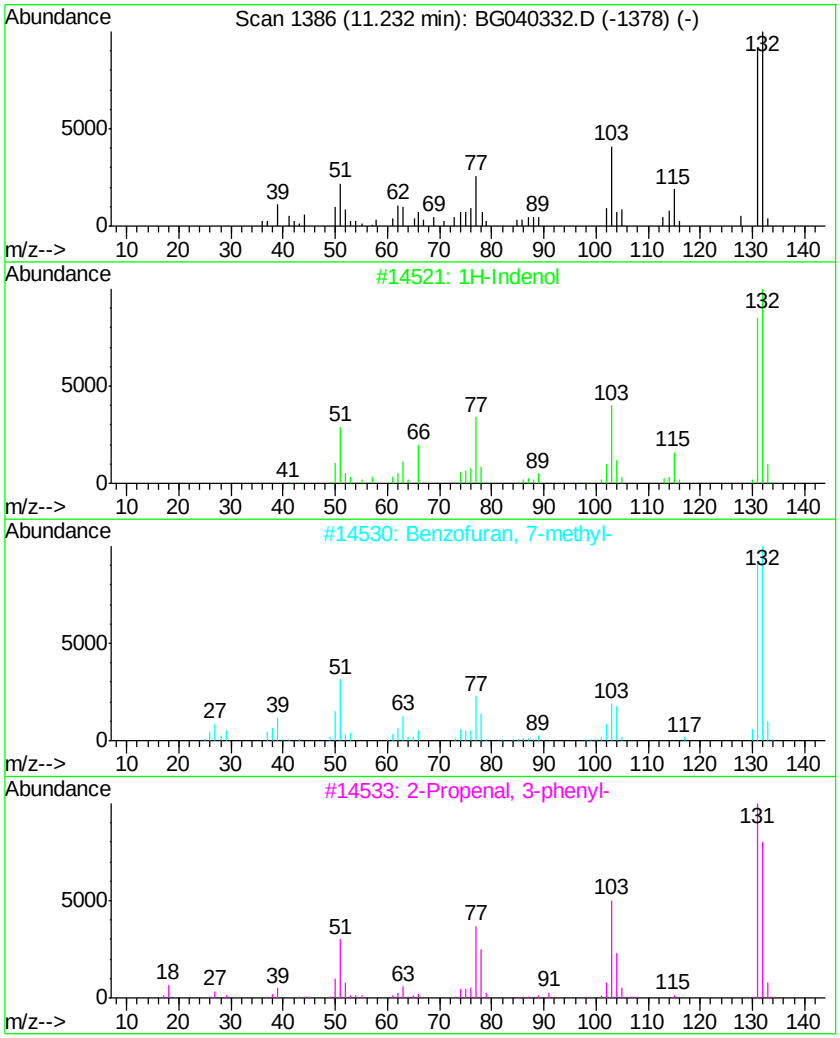
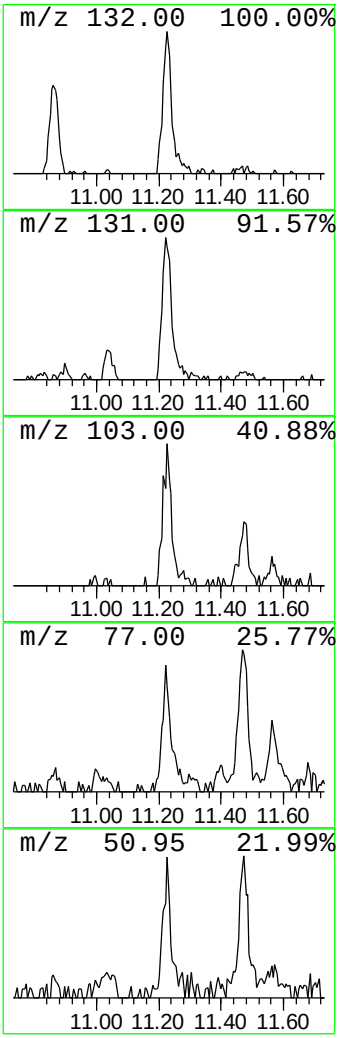
****

Peak Number 6 1H-Indenol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.64 ng	89471	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	74
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	53





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Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

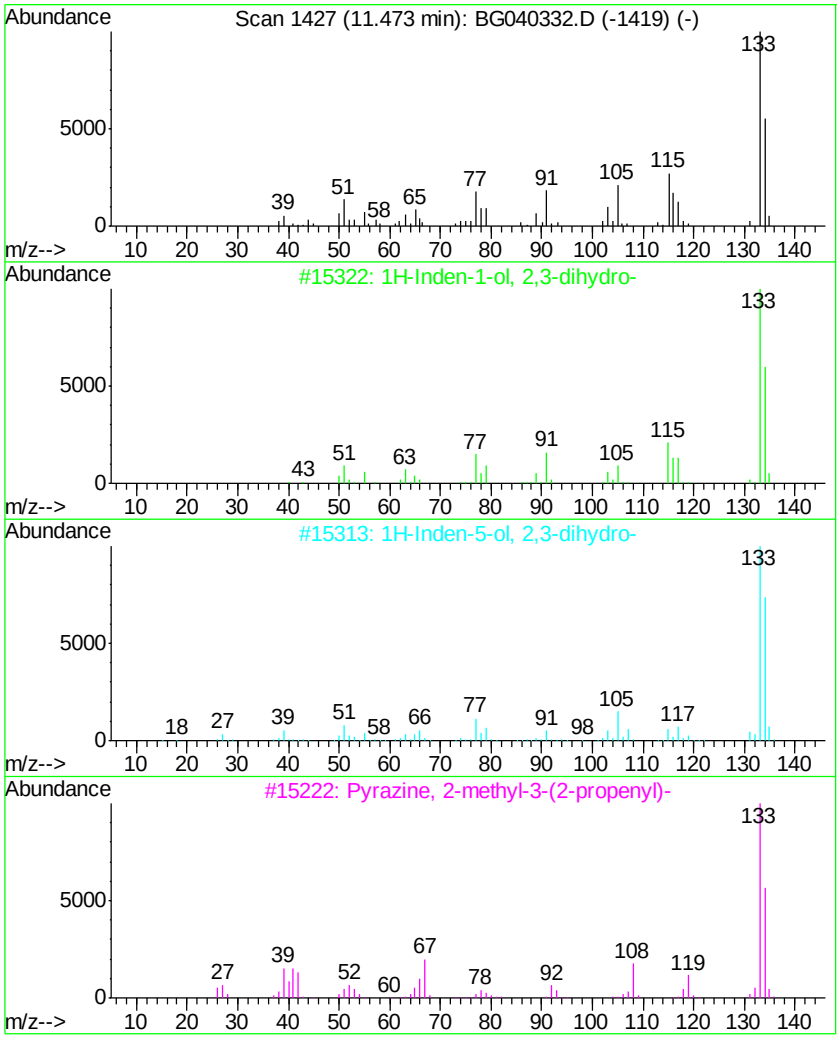
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

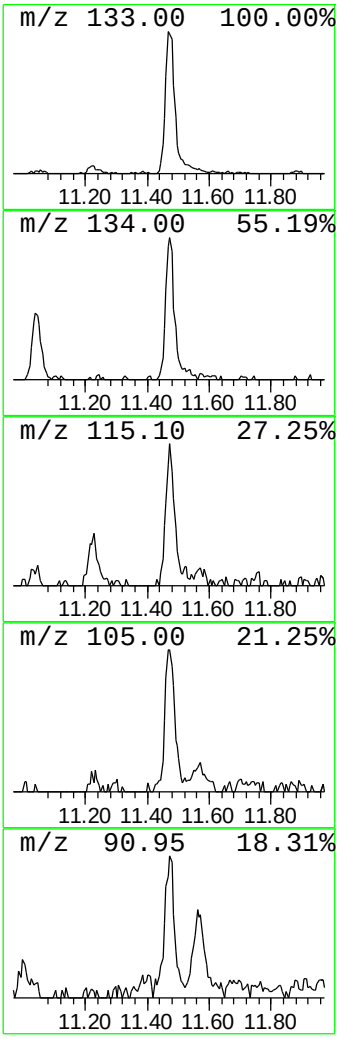
****

Peak Number 7 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	5.85 ng	143600	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	94
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	83
3	Pyrazine, 2-methyl-3-(2-propenyl)-	134	C8H10N2	055138-62-0	47
4	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	018217-82-8	47
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	47





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

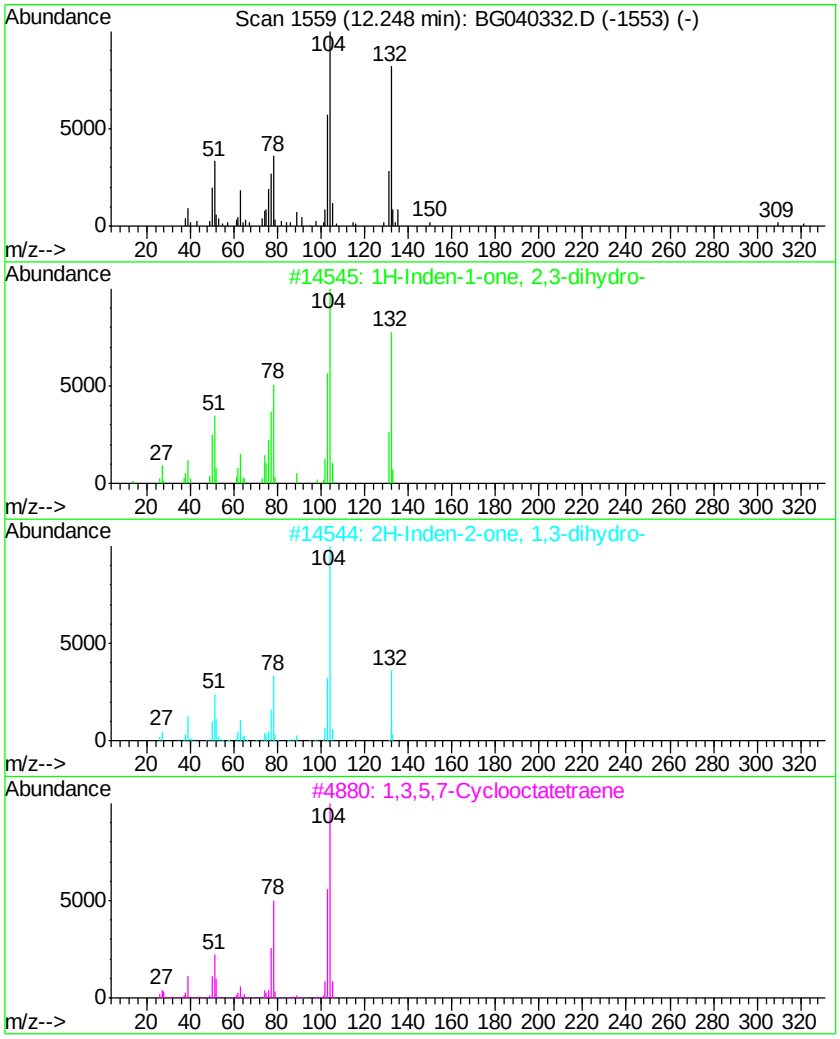
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

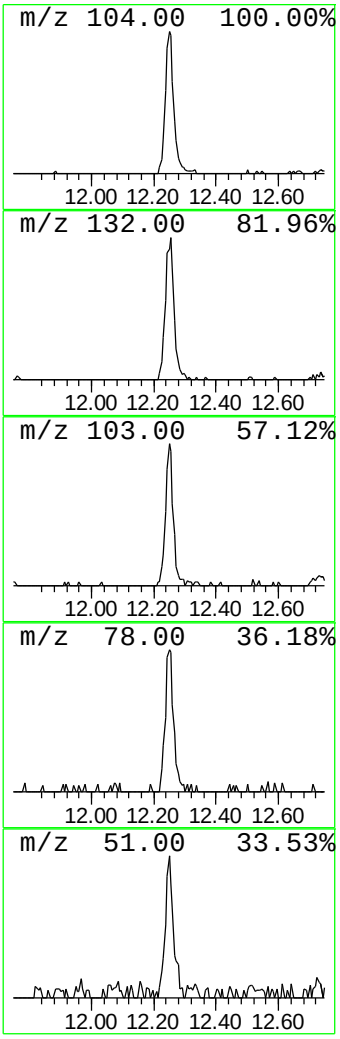
****

Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.42 ng	108481	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	74
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55





Library Search Compound Report

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Data File : BG040332.D
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Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

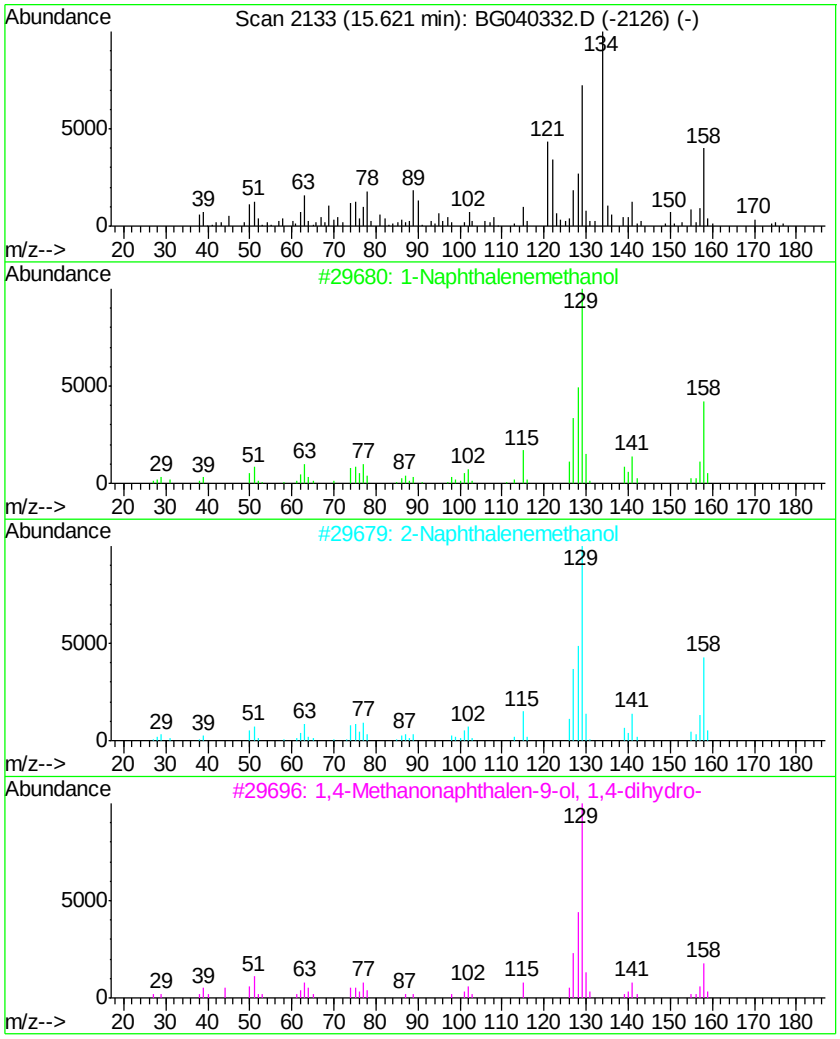
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

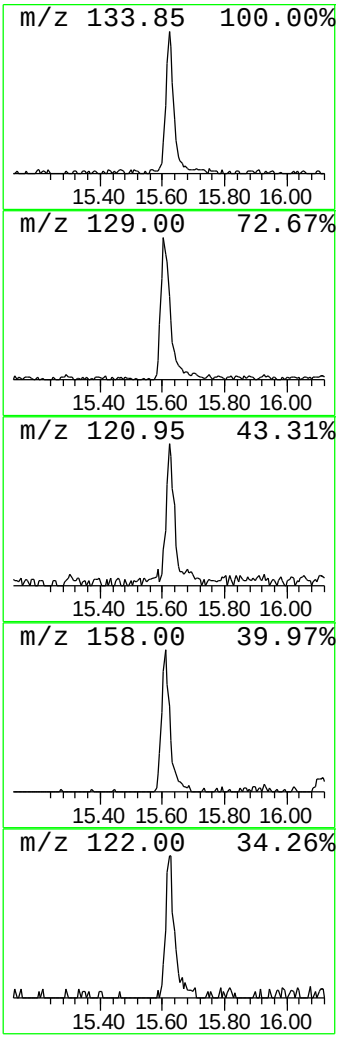
****

Peak Number 9 1-Naphthalenemethanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.25 ng	206313	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	98
2	2-Naphthalenemethanol	158	C11H10O	001592-38-7	83
3	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	83
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	43
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

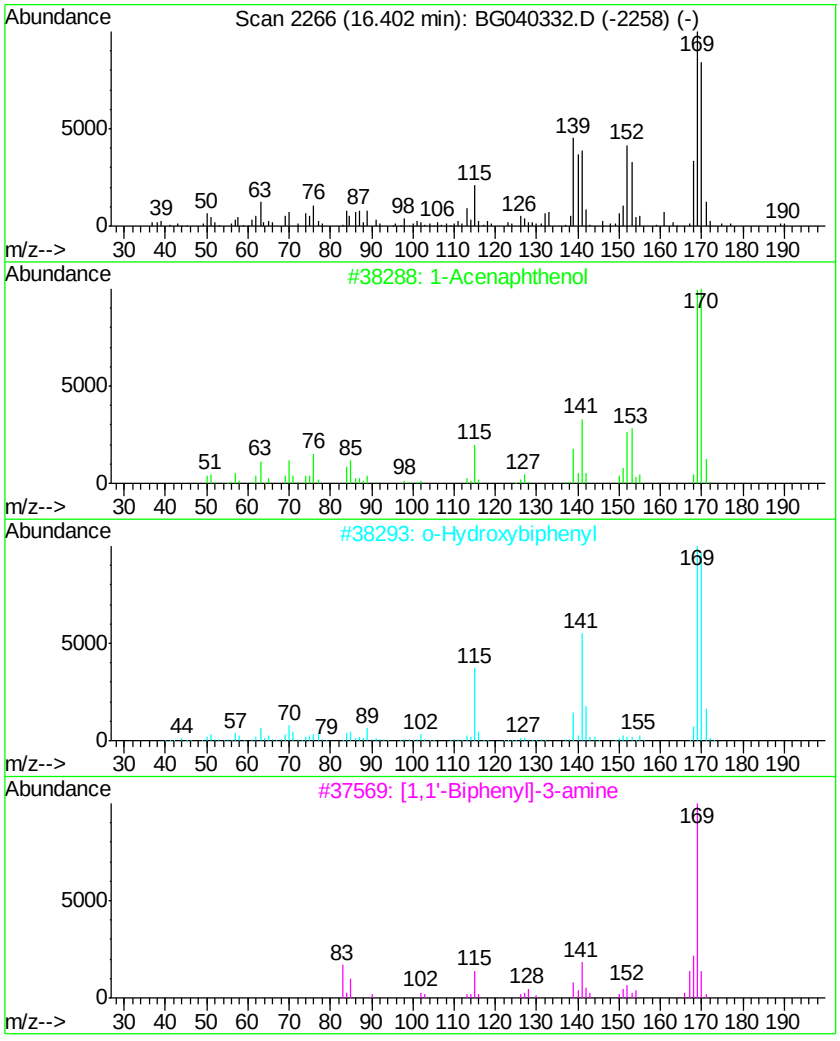
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

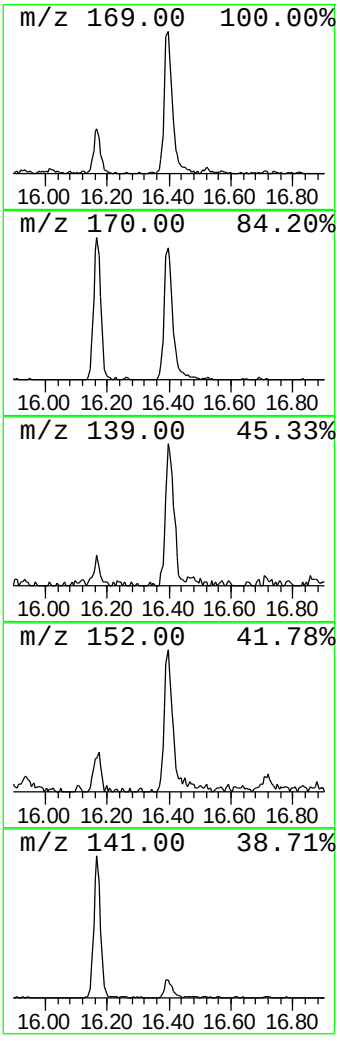
****

Peak Number 10 1-Acenaphthenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.82 ng	241532	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	95
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	45
3	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	38
4	6-Fluorovanillin	170	C8H7FO3	079418-77-2	35
5	Benzaldehyde, 2-fluoro-5-hydroxy...	170	C8H7FO3	079418-76-1	35





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Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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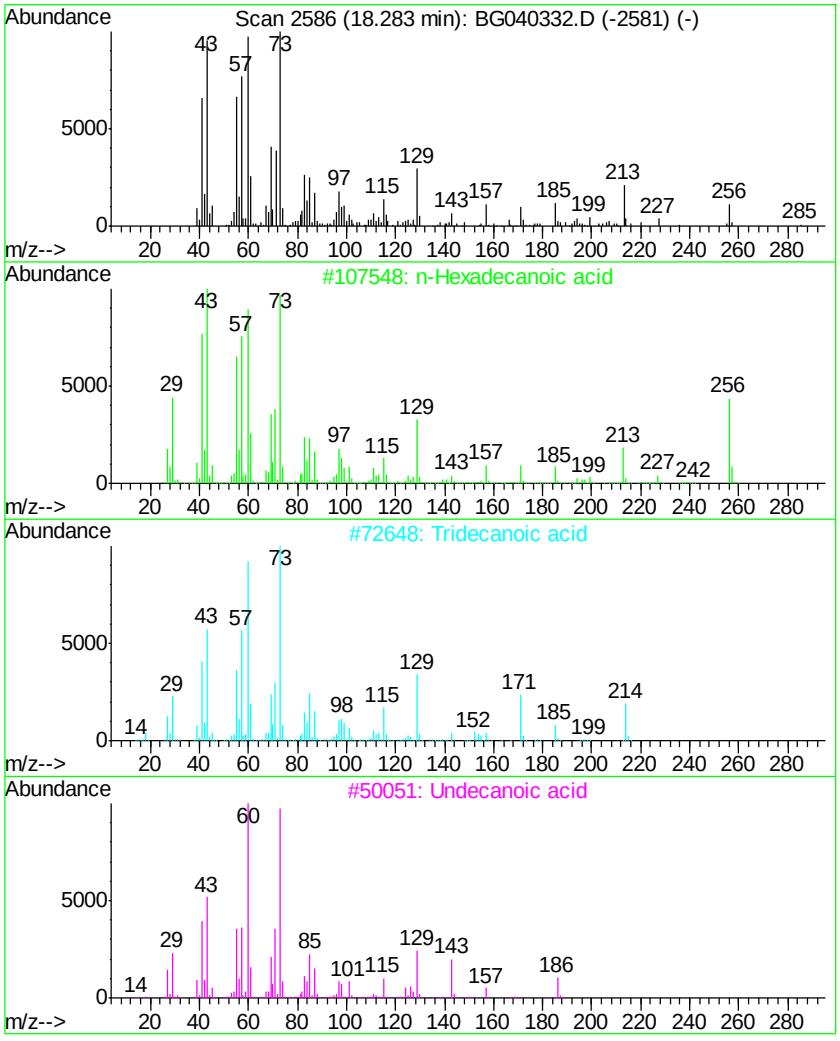
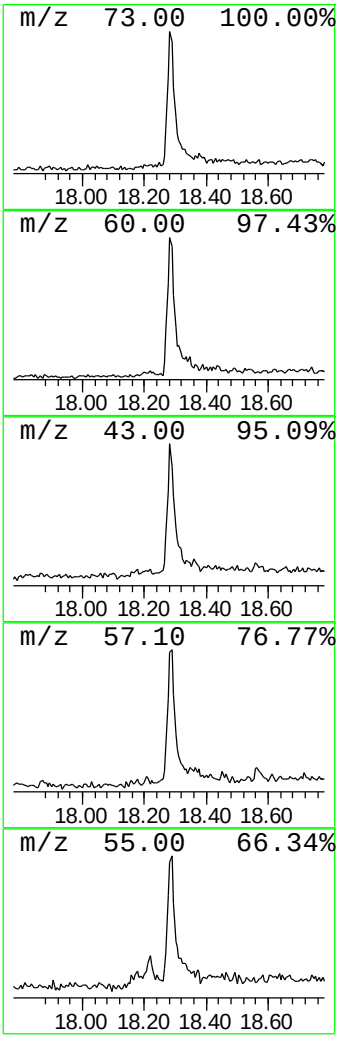
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	7.66 ng	317911	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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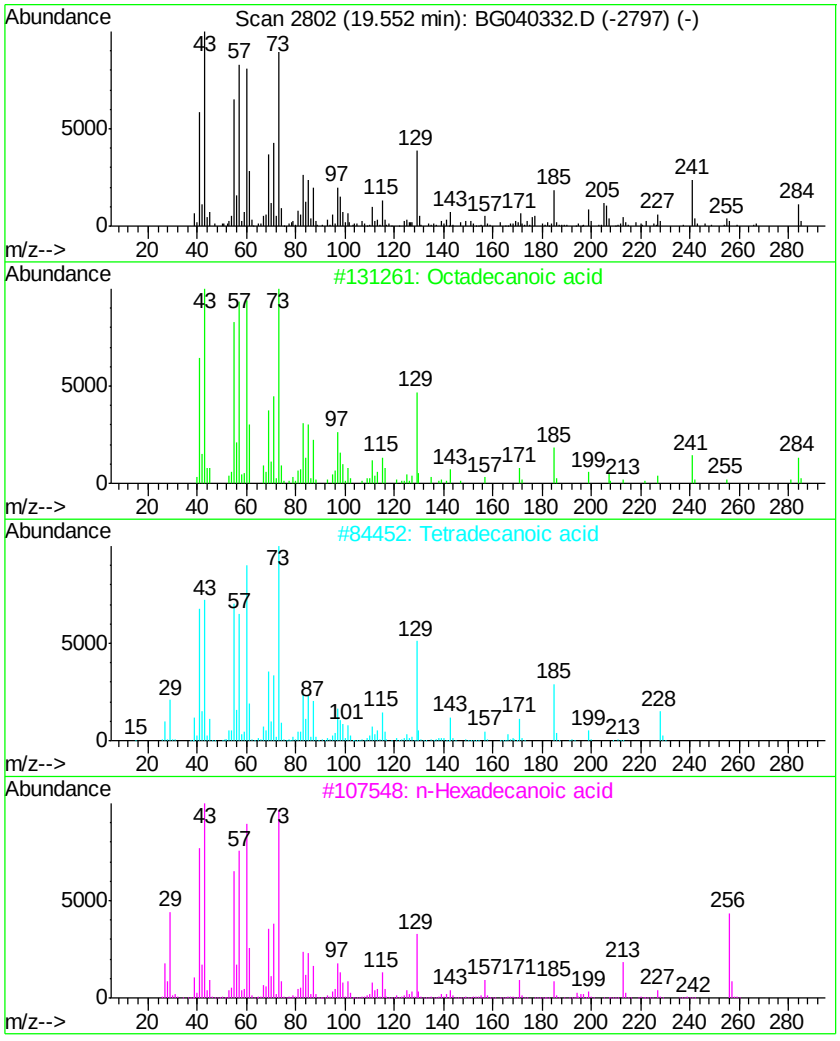
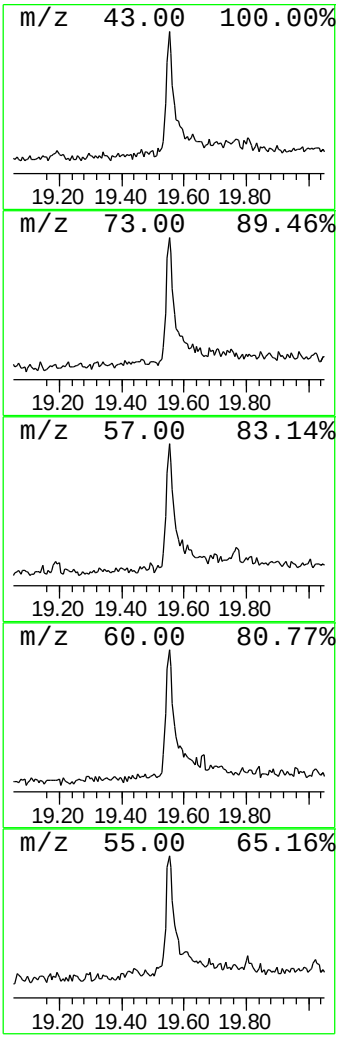
Peak Number 12 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	8.68 ng	360195	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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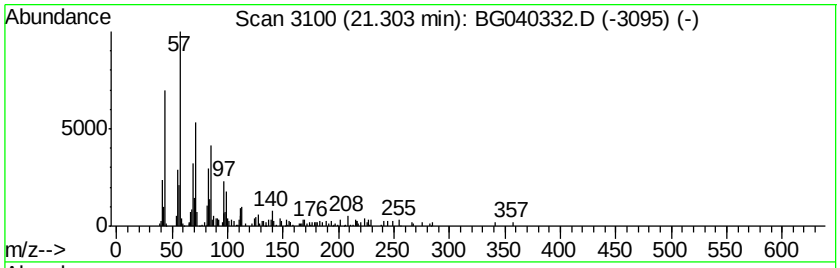
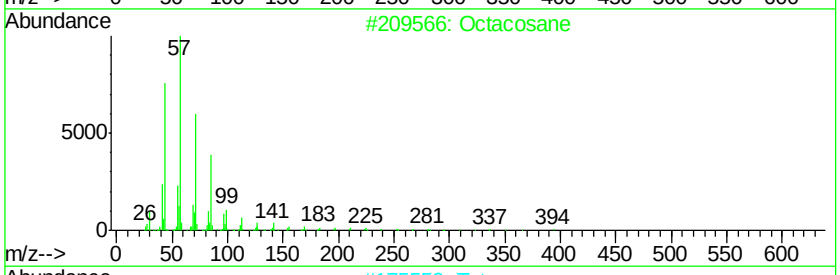
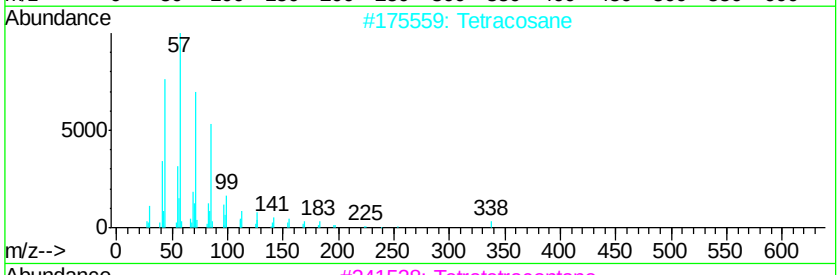
Peak Number 13 Octacosane Concentration Rank 18

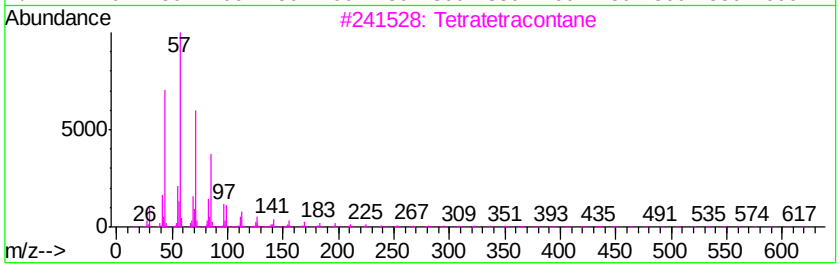
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.46 ng	120295	Chrysene-d12	21.70

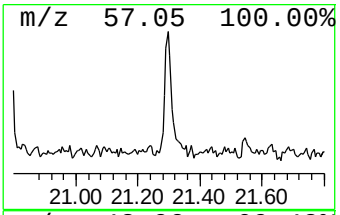
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptacosane	380	C27H56	000593-49-7	87

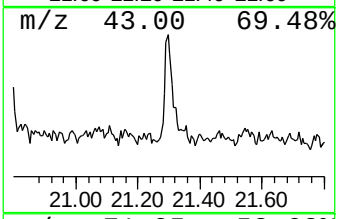


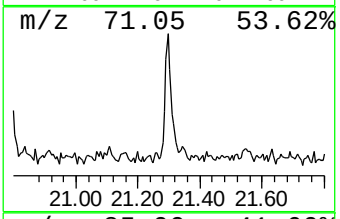


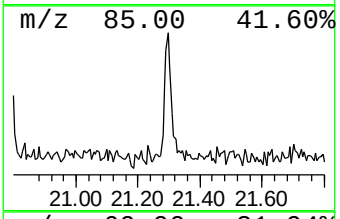


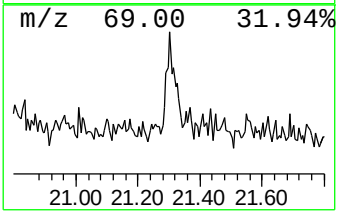












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Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

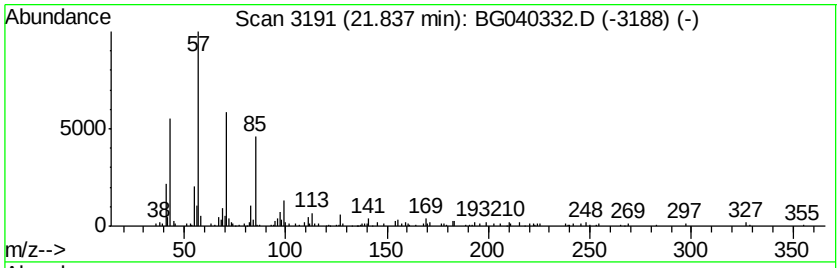
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

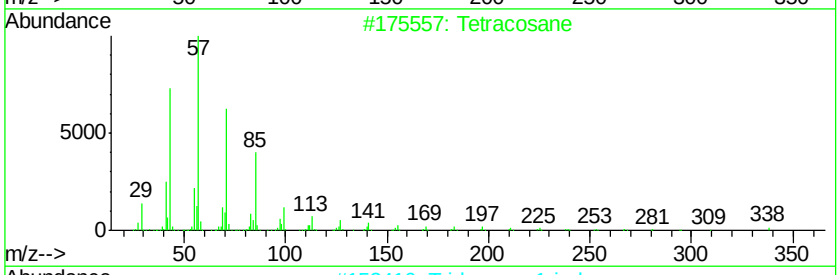
****

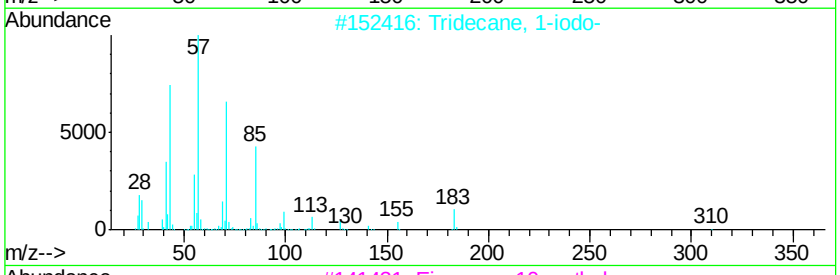
Peak Number 14 Tetracosane Concentration Rank 19

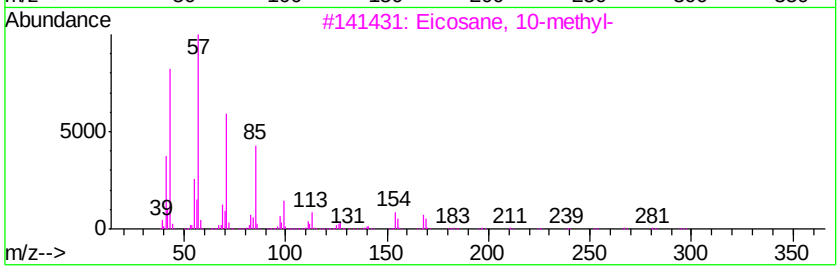
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.43 ng	118937	Chrysene-d12	21.70

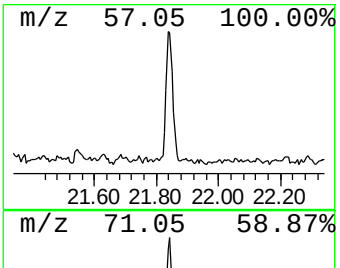
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80

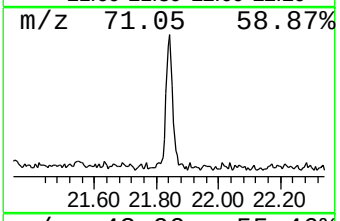


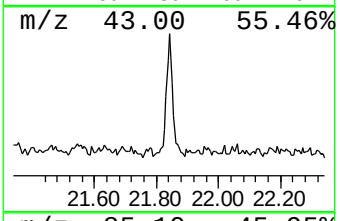


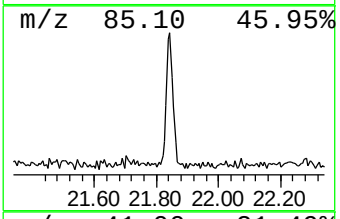


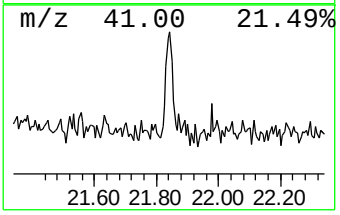












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Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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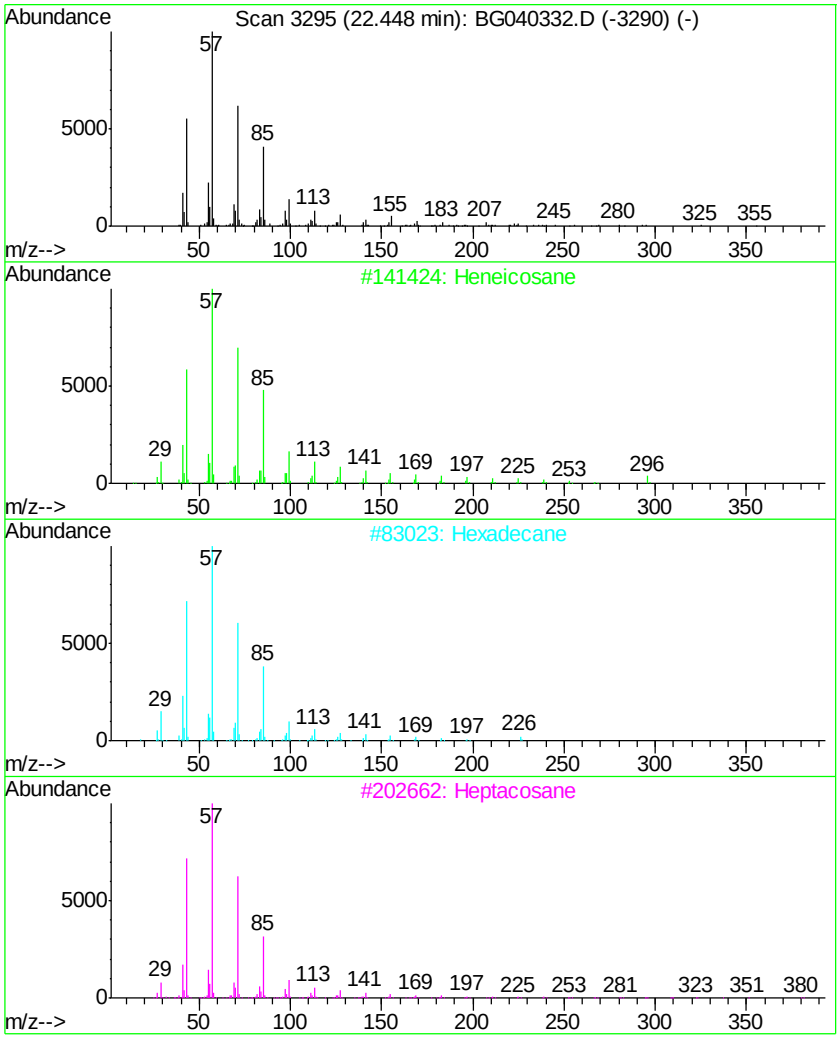
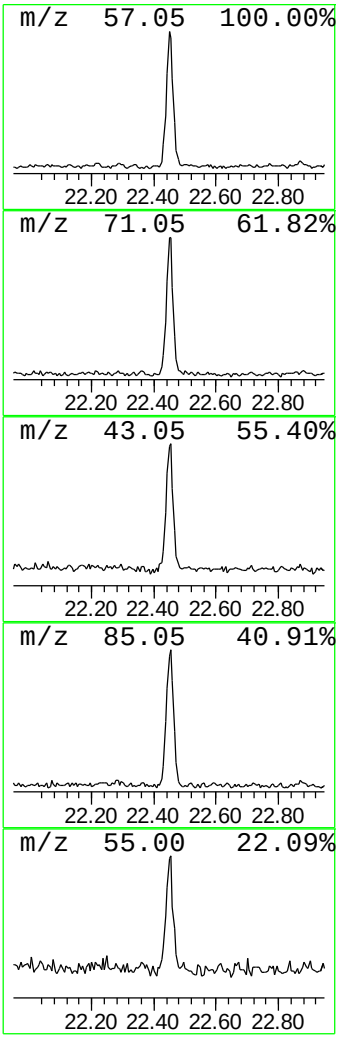
Peak Number 15 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.36 ng	213378	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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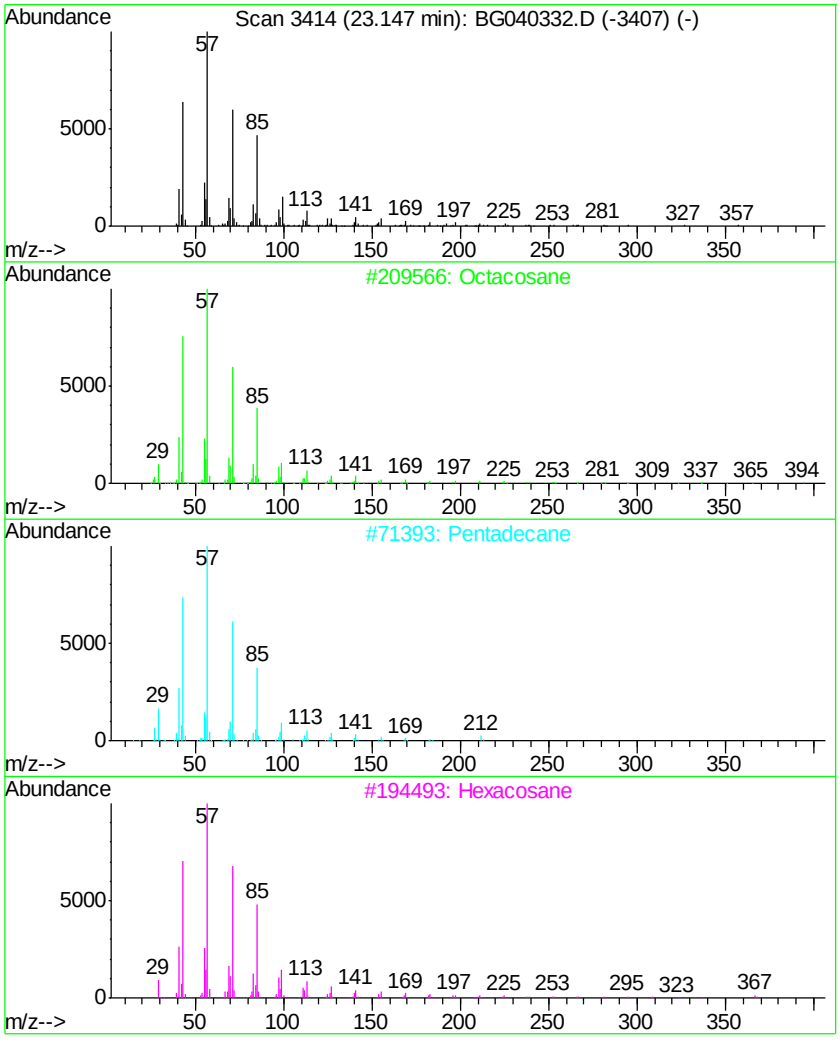
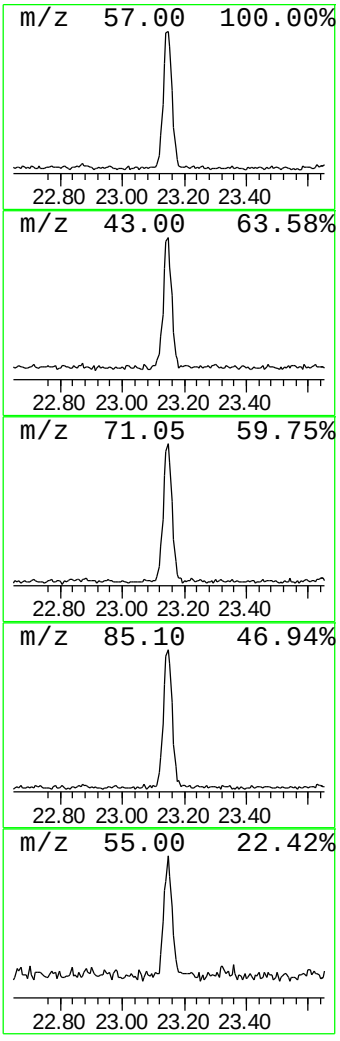
Peak Number 16 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	7.00 ng	342972	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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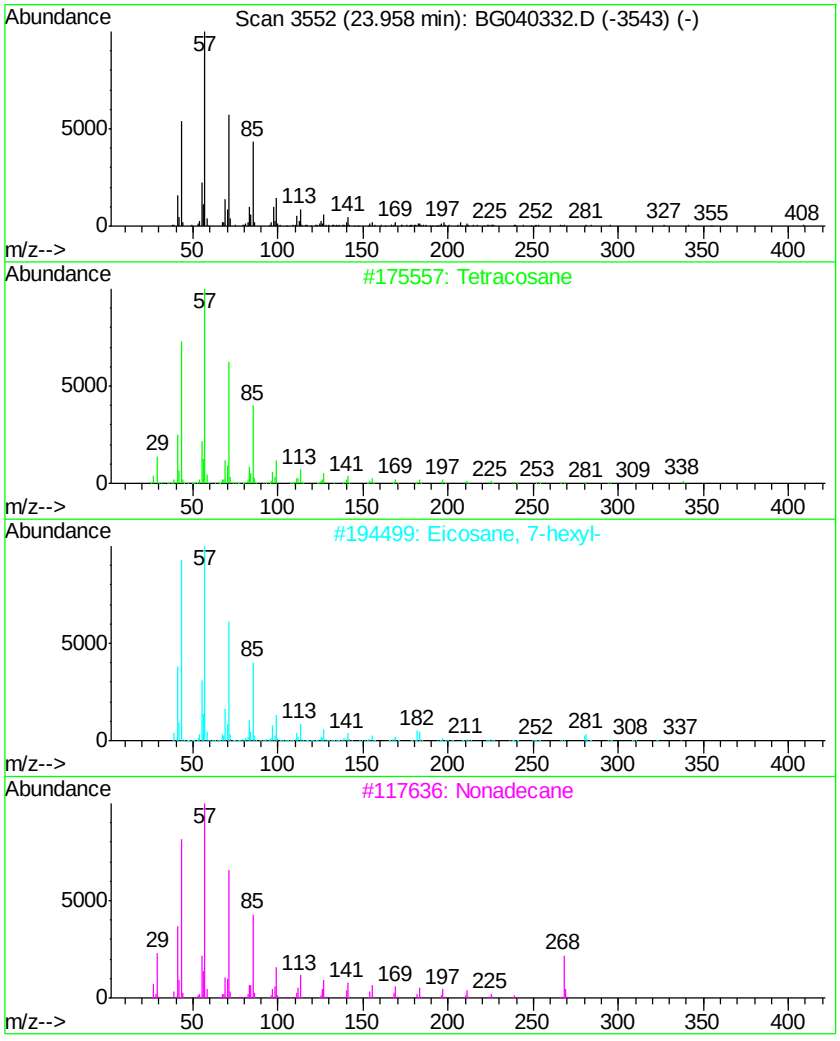
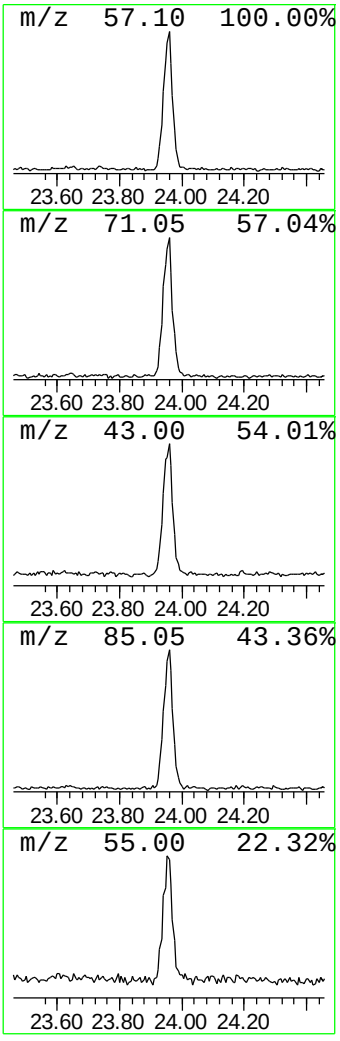
Peak Number 17 Eicosane, 7-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	9.21 ng	438357	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane, 3-methyl-	268	C19H40	006561-44-0	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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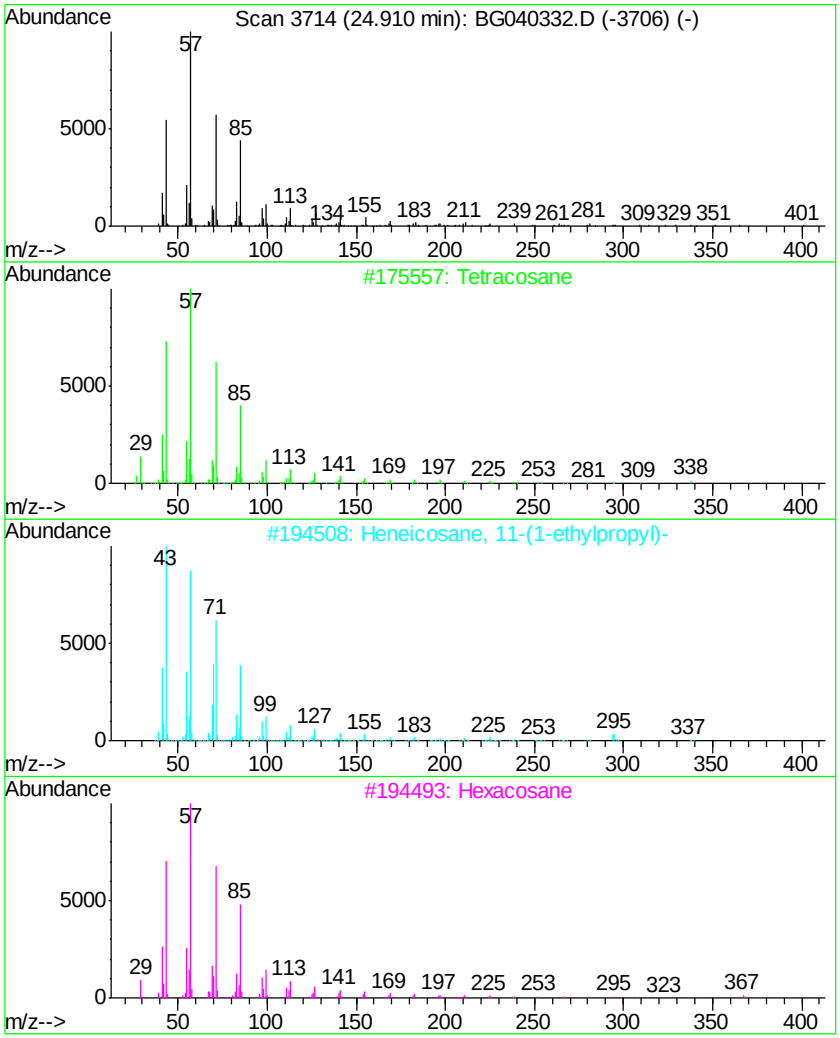
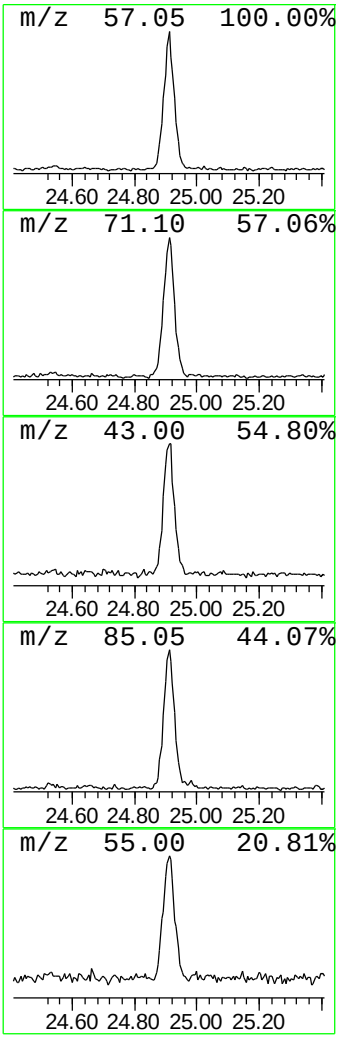
Peak Number 18 Heneicosane, 11-(1-ethylpro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	10.12 ng	481536	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetratetracontane	619	C44H90	007098-22-8	76





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Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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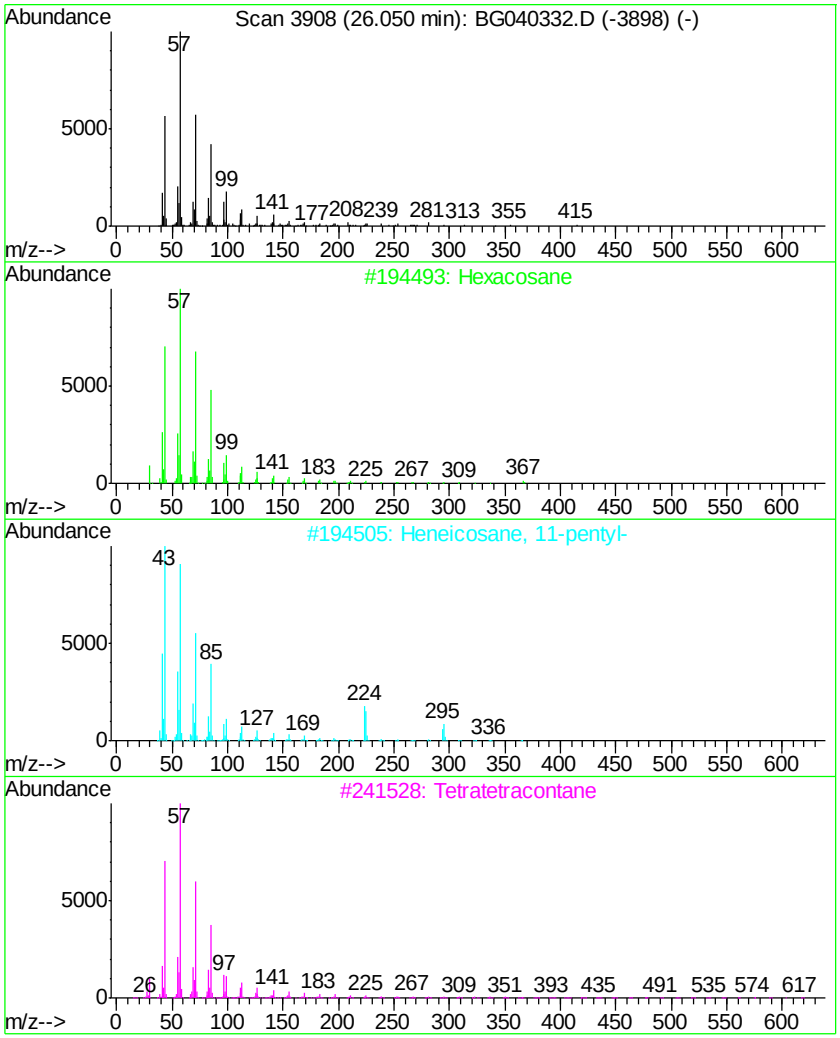
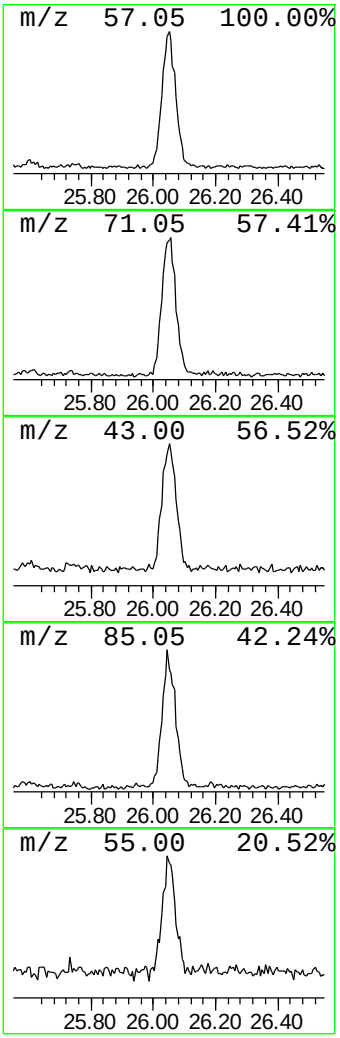
Peak Number 19 Heneicosane, 11-pentyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	8.54 ng	406183	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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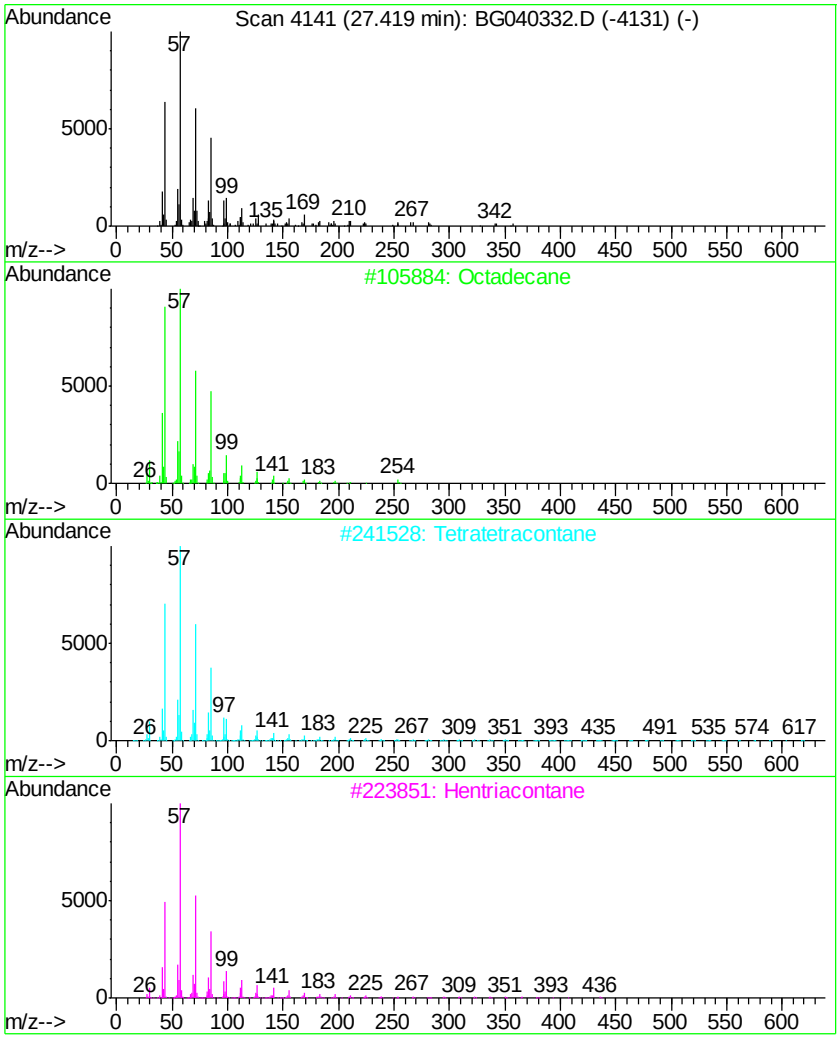
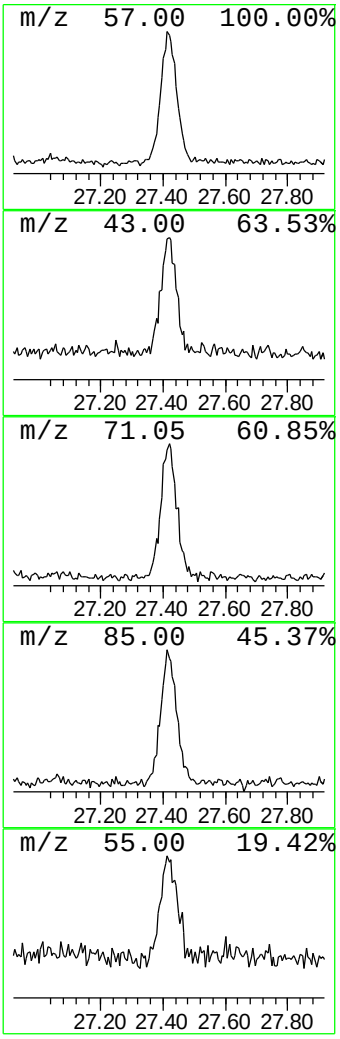
Peak Number 20 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	5.45 ng	259383	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040332.D
Acq On : 3 Apr 2019 19:05
Operator : JU/SJ
Sample : K2176-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	5.2	ng	91364	1	8.05	354854	20.0
2-Pentanone, 4-hy...	5.14	3.3	ng	58261	1	8.05	354854	20.0
unknown7.58	7.58	85.6	ng	1518110	1	8.05	354854	20.0
Benzenemethanol, ...	8.73	2.2	ng	39478	1	8.05	354854	20.0
1H-Indenol	11.23	3.6	ng	89471	2	10.86	490977	20.0
1H-Inden-1-ol, 2,...	11.47	5.8	ng	143600	2	10.86	490977	20.0
1H-Inden-1-one, 2...	12.25	4.4	ng	108481	2	10.86	490977	20.0
1-Naphthalenemeth...	15.62	6.3	ng	206313	3	14.68	660305	20.0
1-Acenaphthenol	16.40	5.8	ng	241532	4	17.42	830055	20.0
n-Hexadecanoic acid	18.28	7.7	ng	317911	4	17.42	830055	20.0
Octadecanoic acid	19.55	8.7	ng	360195	4	17.42	830055	20.0
Octacosane	21.30	2.5	ng	120295	5	21.70	979619	20.0
Tetracosane	21.84	2.4	ng	118937	5	21.70	979619	20.0
Heneicosane	22.45	4.4	ng	213378	5	21.70	979619	20.0
Pentadecane	23.15	7.0	ng	342972	5	21.70	979619	20.0
Eicosane, 7-hexyl-	23.96	9.2	ng	438357	6	24.97	951736	20.0
Heneicosane, 11-(...	24.91	10.1	ng	481536	6	24.97	951736	20.0
Heneicosane, 11-p...	26.05	8.5	ng	406183	6	24.97	951736	20.0
Hentriacontane	27.42	5.5	ng	259383	6	24.97	951736	20.0