LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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	3.158	7	12	29	rVB	496095	756422	13.59%	1.358%
2	5.537	410	417	433	rBV	1289722	2092494	37.61%	3.757%
3	7.118	676	686	695	rBV	1286533	2142412	38.50%	3.846%
4	7.547	754	759	770	rBV	28986	59136	1.06%	0.106%
5	7.952	821	828	835	rVB	340614	571537	10.27%	1.026%
6	9.104	1014	1024	1034	rBV	798727	1426502	25.64%	2.561%
7	10.749	1294	1304	1312	rBV	453082	814572	14.64%	1.462%
8	13.199	1714	1721	1729	rBV	2180393	3343723	60.09%	6.003%
9	14.027	1856	1862	1873	rVB	354783	520039	9.35%	0.934%
10	14.574	1946	1955	1964	rBV	751994	1186727	21.33%	2.131%
11	16.060	2201	2208	2226	rBV	1898161	3232537	58.10%	5.803%
12	17.318	2415	2422	2428	rBV	1048270	1572748	28.27%	2.824%
13	18.992	2701	2707	2711	rBV	306461	404975	7.28%	0.727%
14	19.080	2718	2722	2725	rBV	58610	71702	1.29%	0.129%
15	19.621	2810	2814	2818	rVB	68064	84729	1.52%	0.152%
16	19.721	2829	2831	2838	rVB	41740	56372	1.01%	0.101%
17	19.932	2861	2867	2873	rBV	4174855	5564138	100.00%	9.989%
18	20.067	2886	2890	2898	rVB3	38315	59186	1.06%	0.106%
19	20.631	2982	2986	2992	rVB	97055	121476	2.18%	0.218%
20	20.837	3017	3021	3027	rBV	571830	732496	13.16%	1.315%
21	20.890	3027	3030	3033	rVB	98512	114192	2.05%	0.205%
22	20.955	3038	3041	3048	rVB3	48366	74398	1.34%	0.134%
23	21.231	3084	3088	3097	rBV	461318	628482	11.30%	1.128%
24	21.560	3138	3144	3151	rBV	1191657	1959387	35.21%	3.518%
25	22.212	3251	3255	3259	rBV2	52423	87302	1.57%	0.157%
26	22.259	3259	3263	3265	rBV3	55336	89450	1.61%	0.161%
27	22.459	3292	3297	3305	rBV	275836	590343	10.61%	1.060%
28	22.529	3306	3309	3314	rVB	67338	108176	1.94%	0.194%
29	22.582	3314	3318	3321	rBV2	58833	80680	1.45%	0.145%
30	22.664	3322	3332	3336	rBV	570569	1312756	23.59%	2.357%
31	22.729	3339	3343	3354	rVB	576728	1173884	21.10%	2.107%
32	22.846	3355	3363	3371	rBV	830663	1869223	33.59%	3.356%
33	22.929	3371	3377	3386	rVB	837181	1816488	32.65%	3.261%
34	23.052	3386	3398	3405	rBV	1147570	3213496	57.75%	5.769%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.152	3410	3415	3420	rVB	541619	998862	17.95%	1.793%
36	23.264	3426	3434	3441	rBV	1018475	2468021	44.36%	4.431%
37	23.346	3441	3448	3456	rVB	1096917	2551997	45.87%	4.582%
38	23.475	3458	3470	3477	rBV	1355496	3644966	65.51%	6.544%
39	23.575	3479	3487	3499	rVB	982879	2165353	38.92%	3.888%
40	23.692	3500	3507	3517	rVB	951926	1965491	35.32%	3.529%
41	23.792	3517	3524	3536	rVB	354690	839782	15.09%	1.508%
42	23.922	3539	3546	3557	rVB	406103	863080	15.51%	1.550%
43	24.157	3582	3586	3596	rVB	79747	154436	2.78%	0.277%
44	24.668	3664	3673	3683	rBV2	727751	1991852	35.80%	3.576%
45	25.937	3886	3889	3900	rVB9	46253	124293	2.23%	0.223%

Sum of corrected areas: 55700313

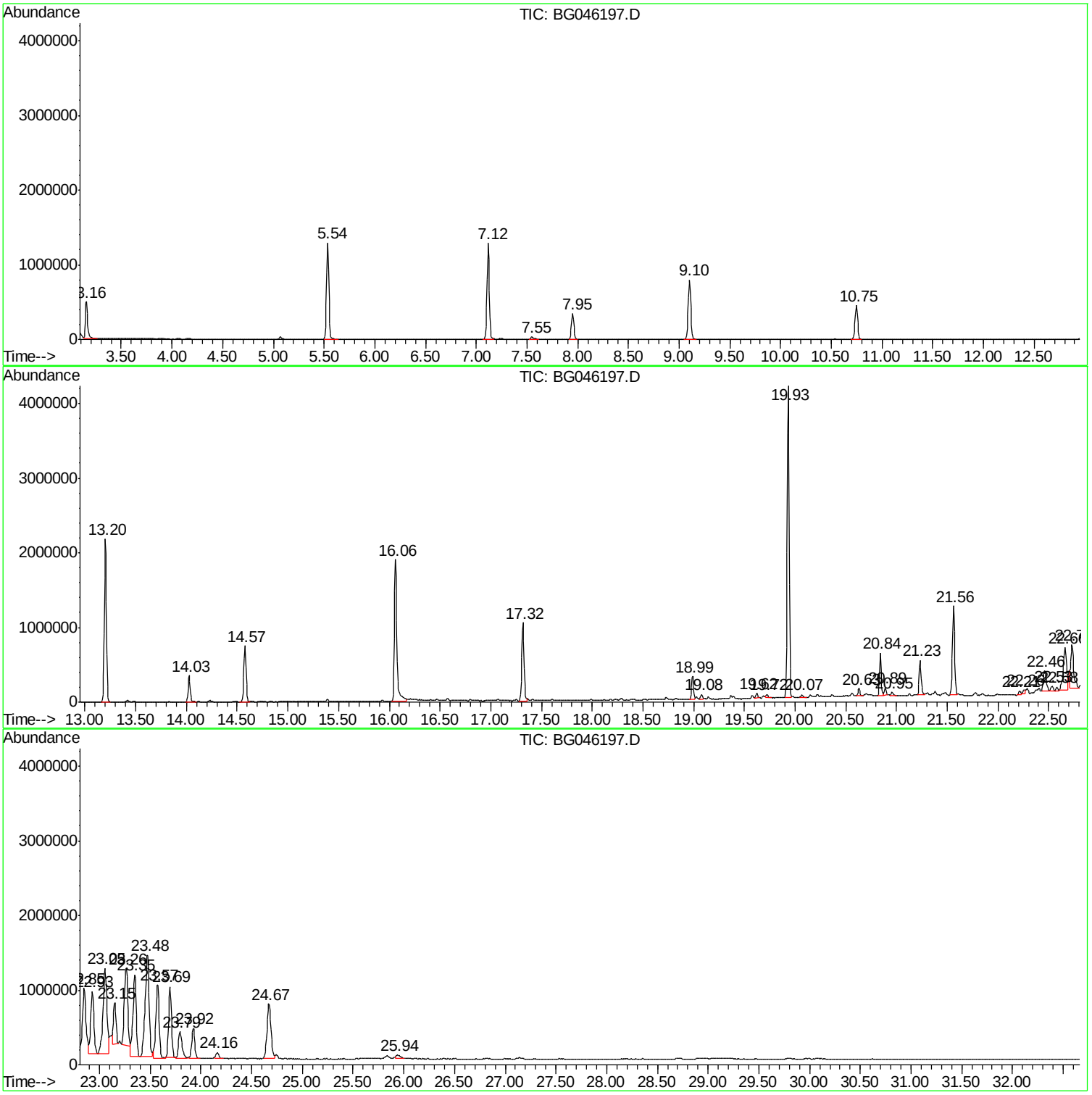
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

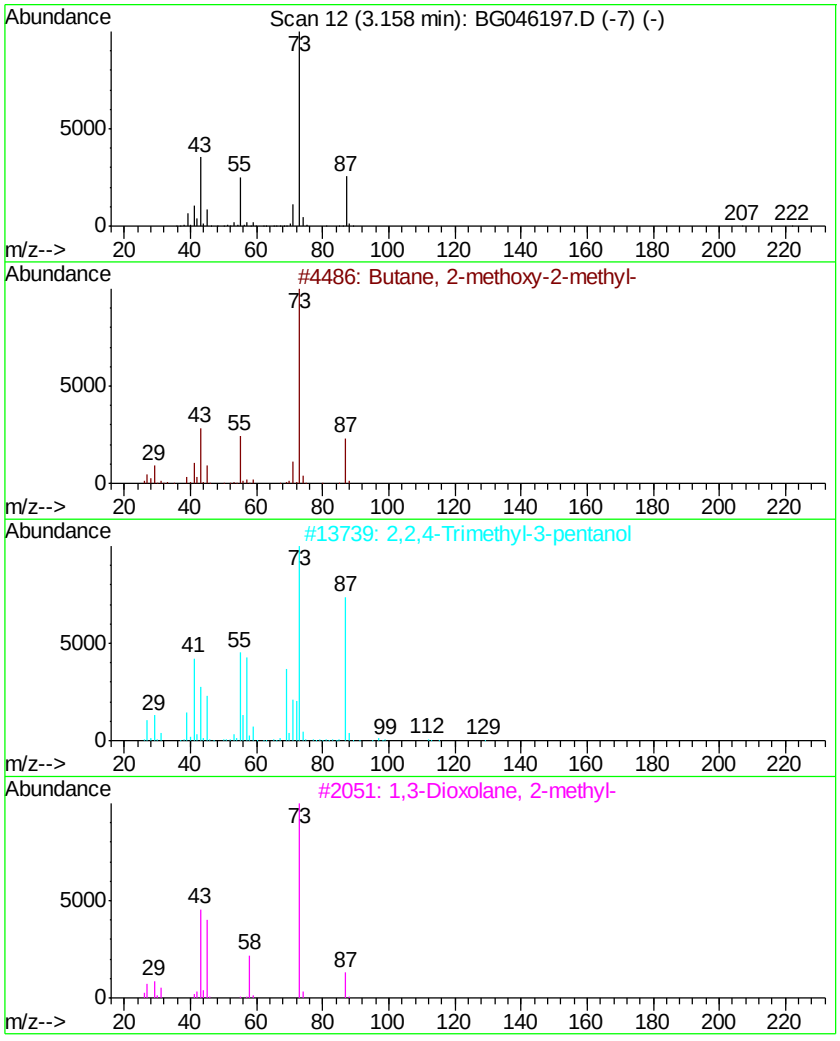
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

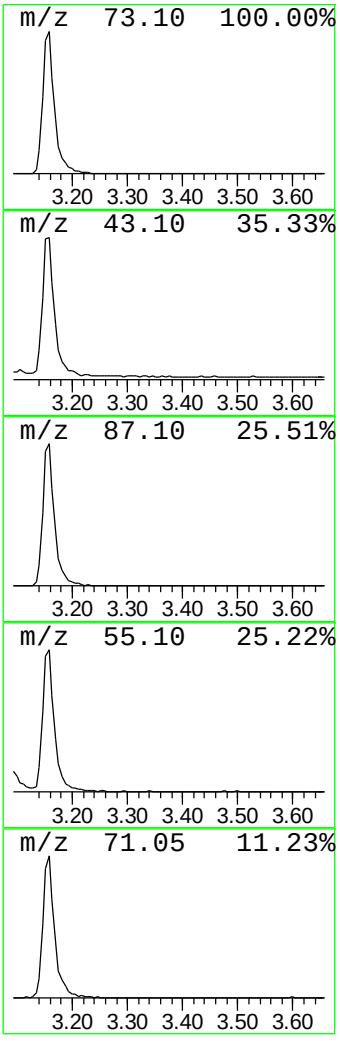
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	26.47 ng	756422	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

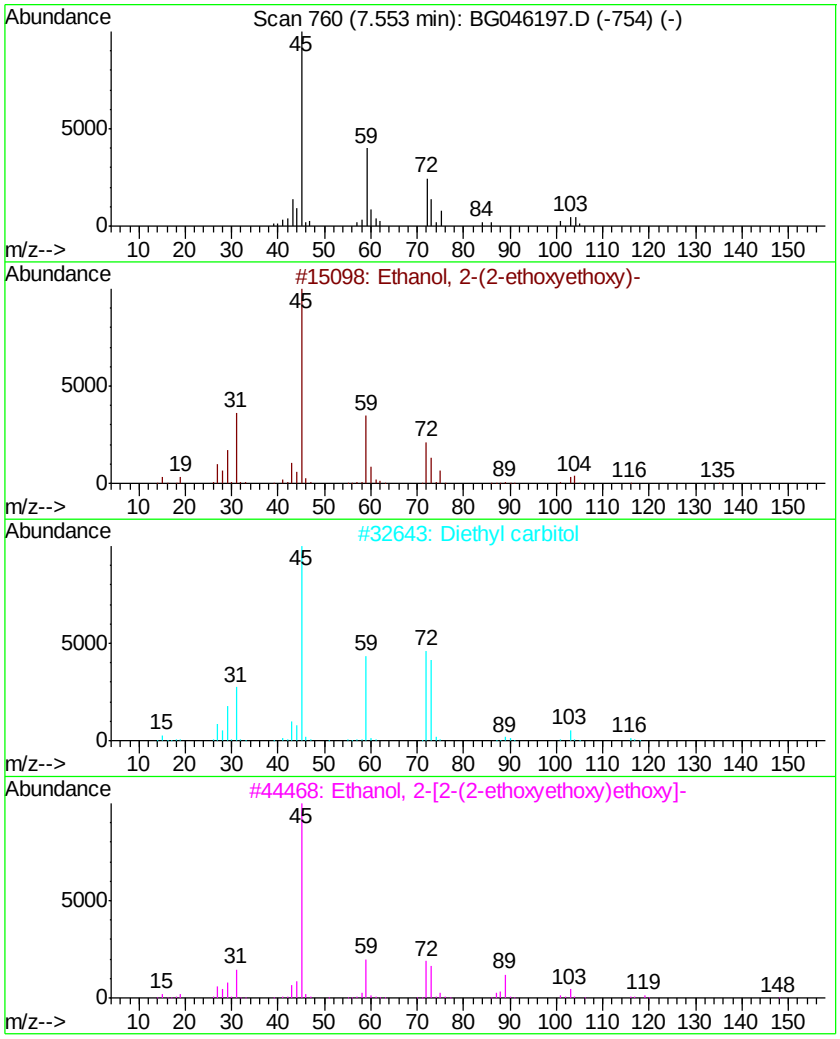
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

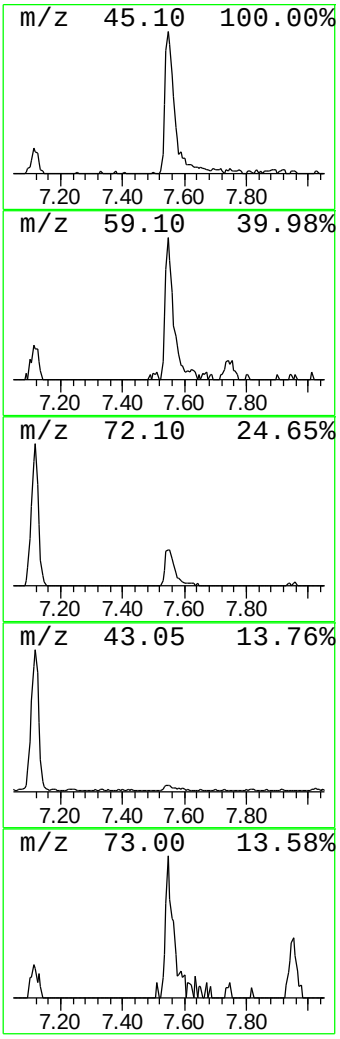
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.07 ng	59136	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

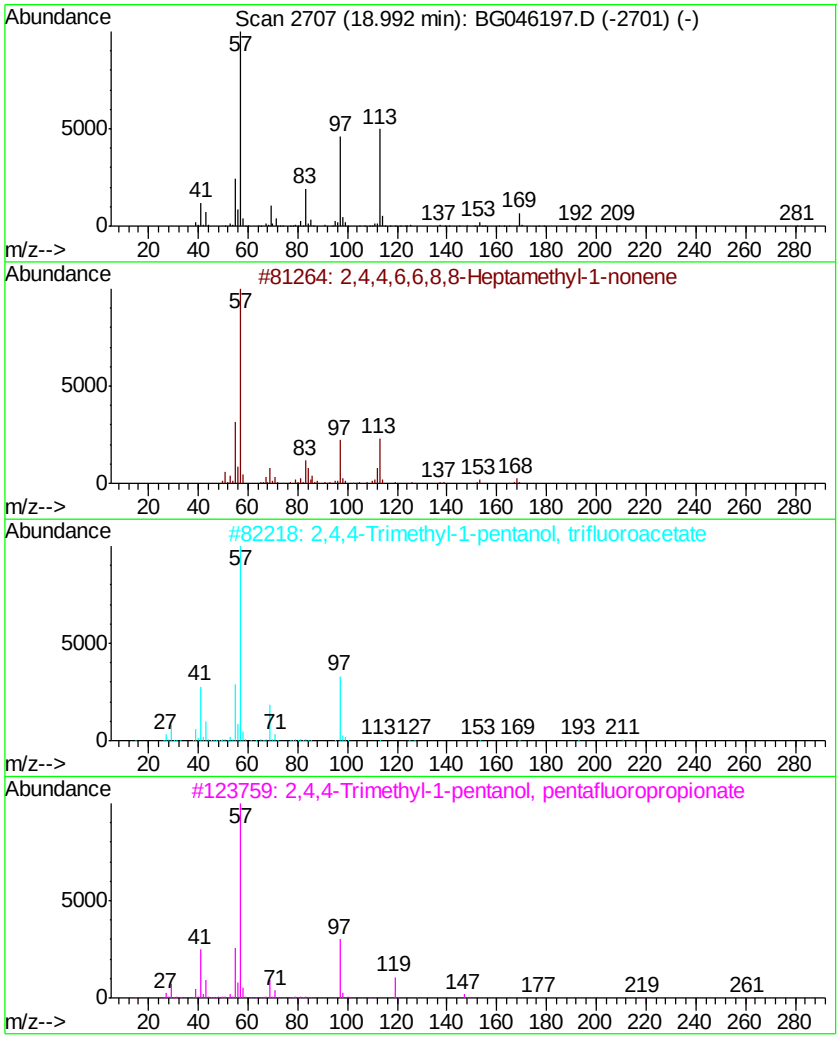
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

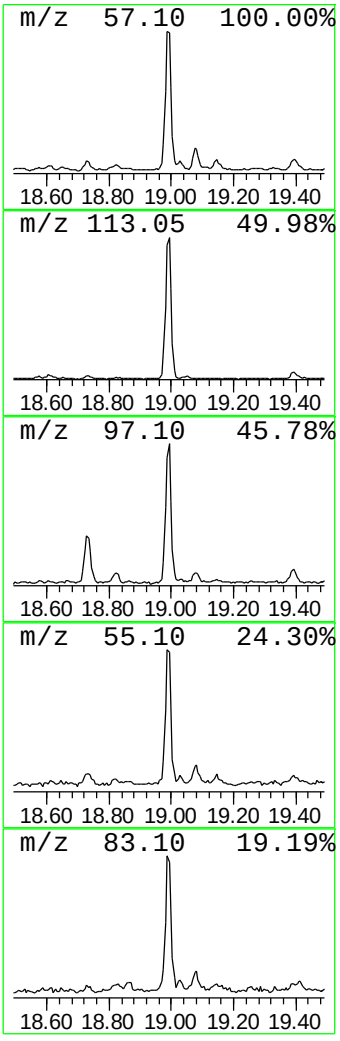
****

Peak Number 3 unknown18.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.15 ng	404975	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	40
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	16
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	12
4	Diethylmalonic acid, monochlorid...	290	C15H27ClO3	1000369-51-0	10
5	2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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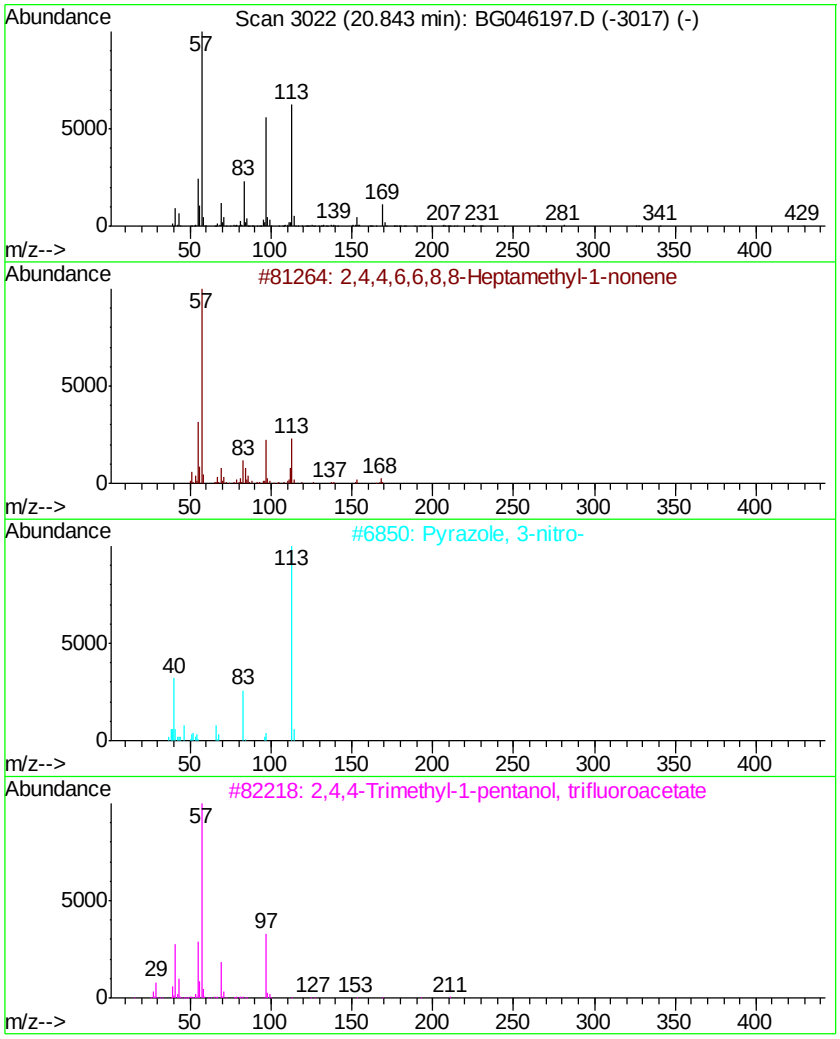
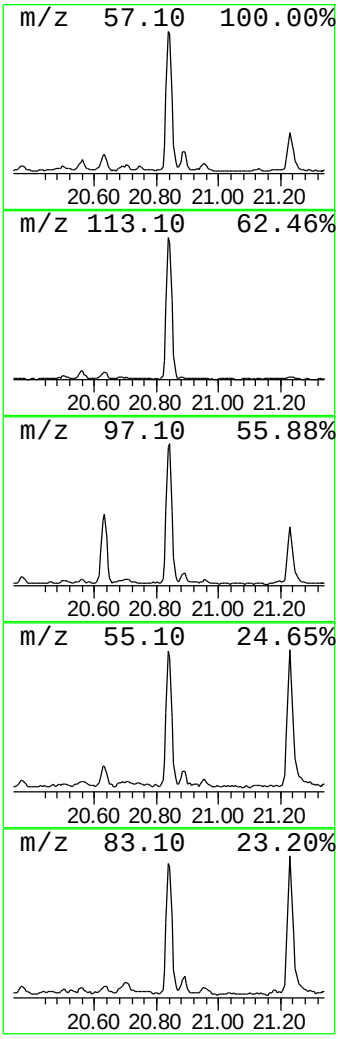
****

Peak Number 4 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	7.48 ng	732496	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	38
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	27
5	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	22





Library Search Compound Report

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Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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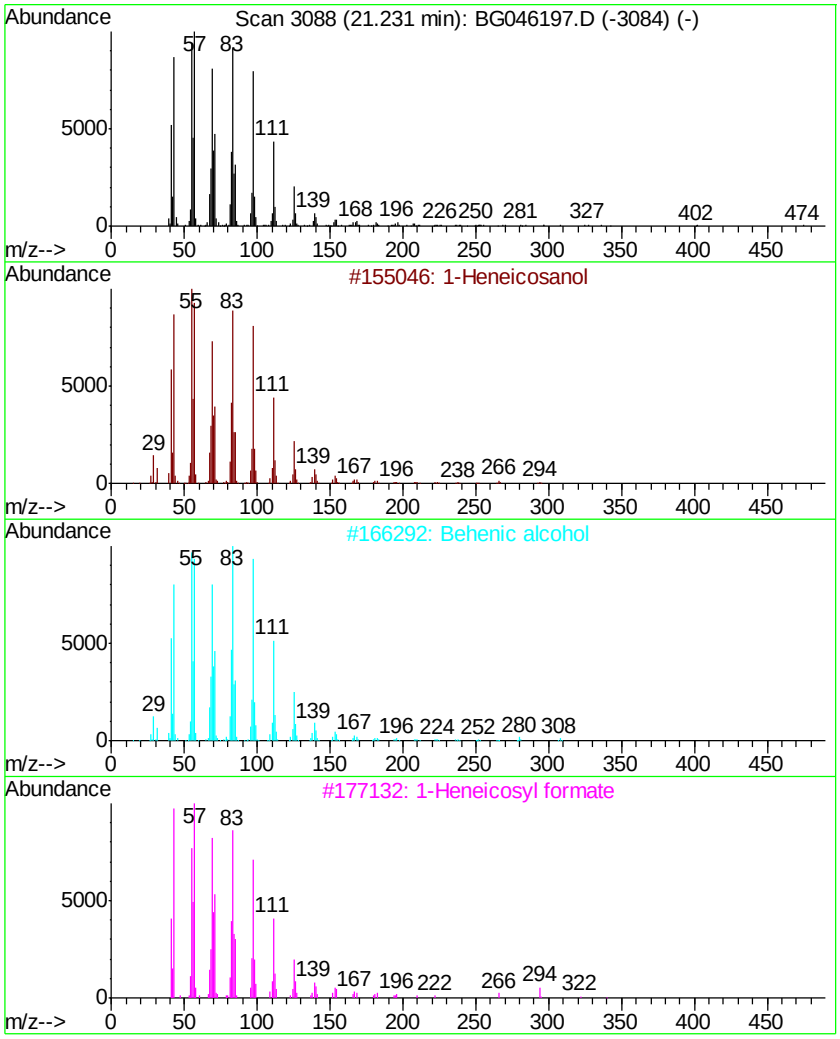
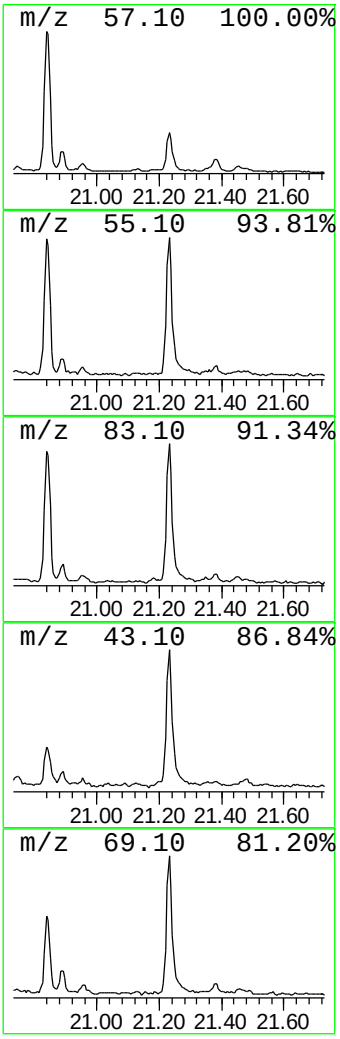
****

Peak Number 5 1-Heneicosanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.42 ng	628482	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

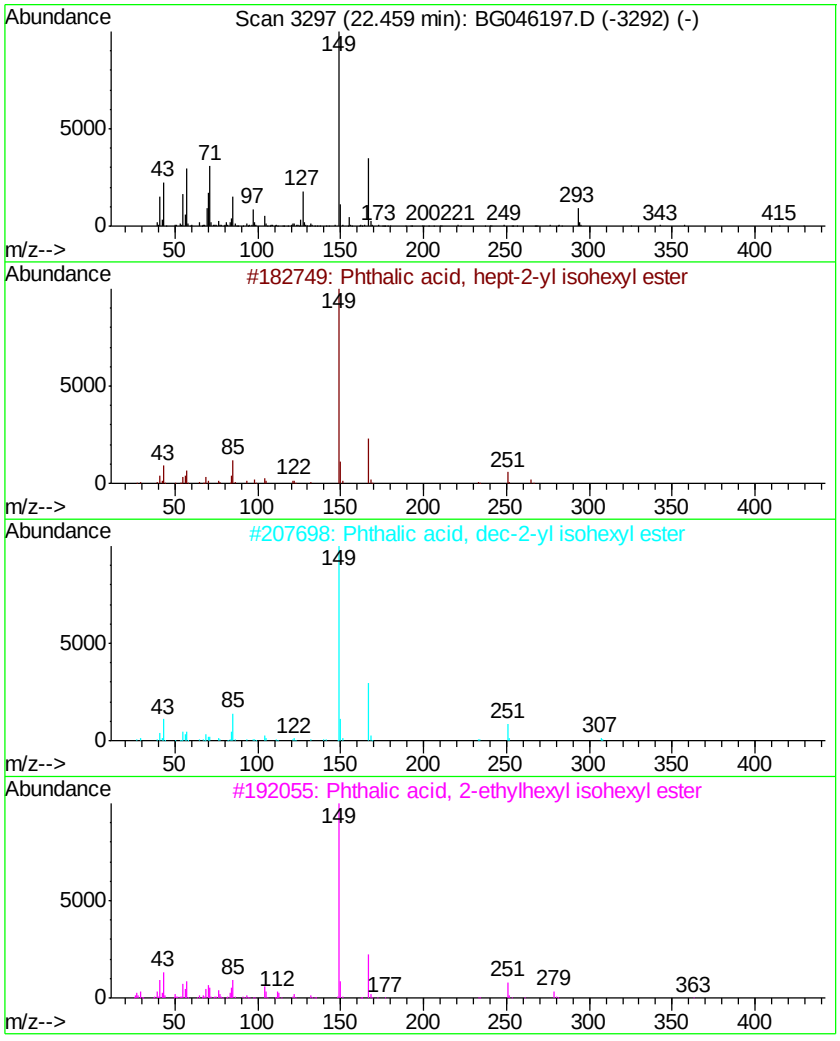
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

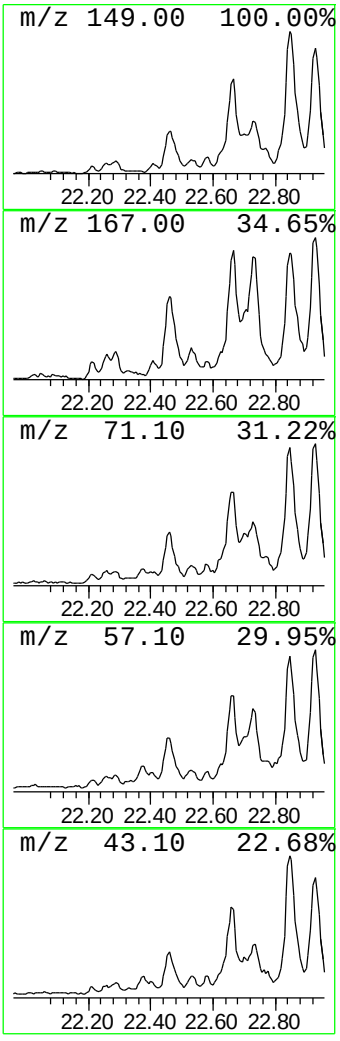
****

Peak Number 6 Phthalic acid, hept-2-yl is... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	6.03 ng	590343	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	58
2	Phthalic acid, dec-2-yl isohexyl...	390	C24H38O4	1000356-94-1	53
3	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	50
4	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	50
5	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	49





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Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

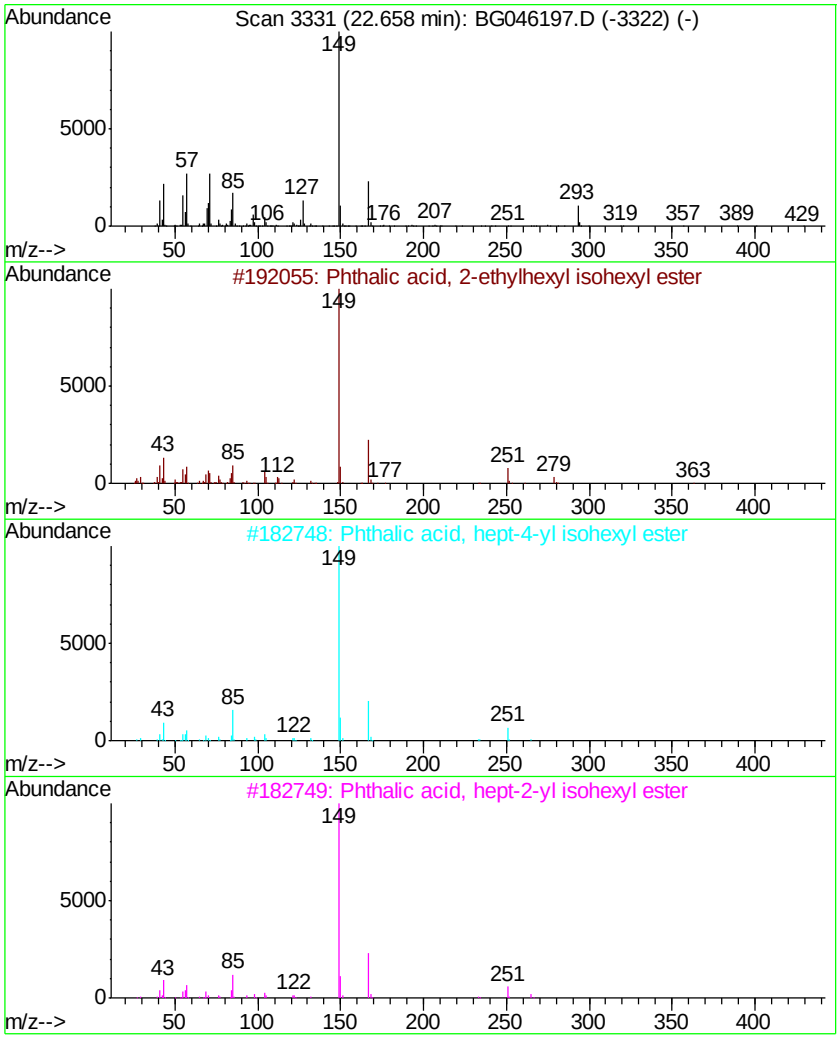
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

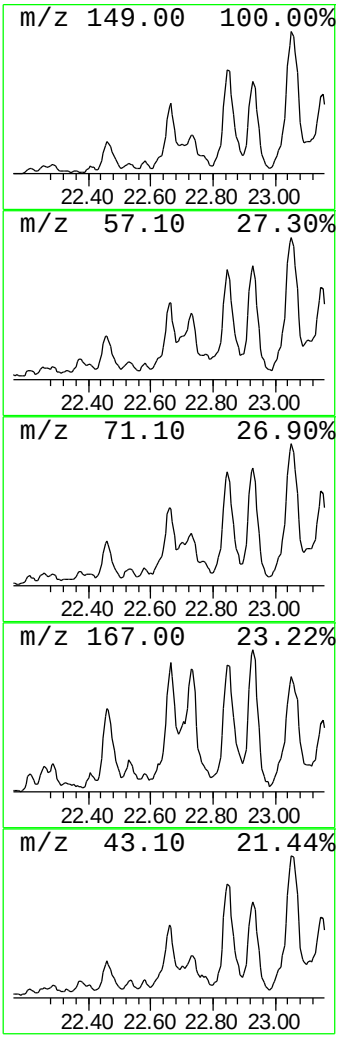
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phthalic acid, 2-ethylhexyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	13.40 ng	1312760	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	64
2	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	58
3	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	58
4	Phthalic acid, 4,4-dimethylpent-...	390	C24H38O4	1000371-13-6	53
5	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

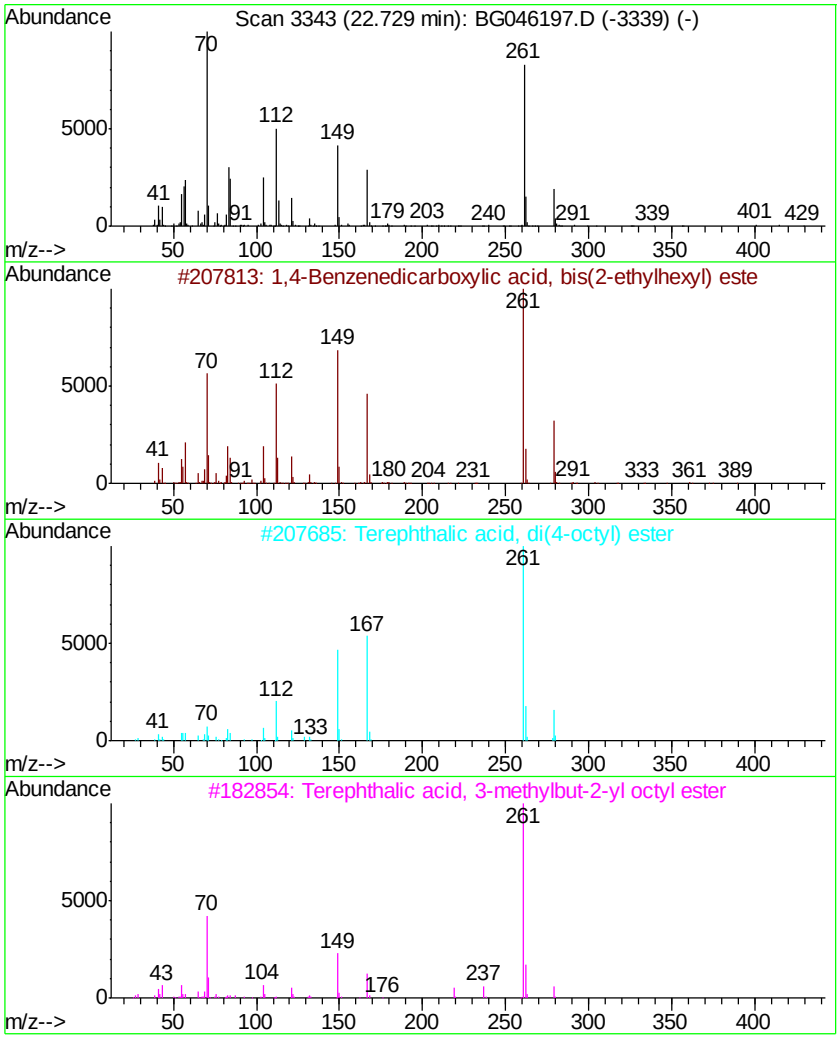
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

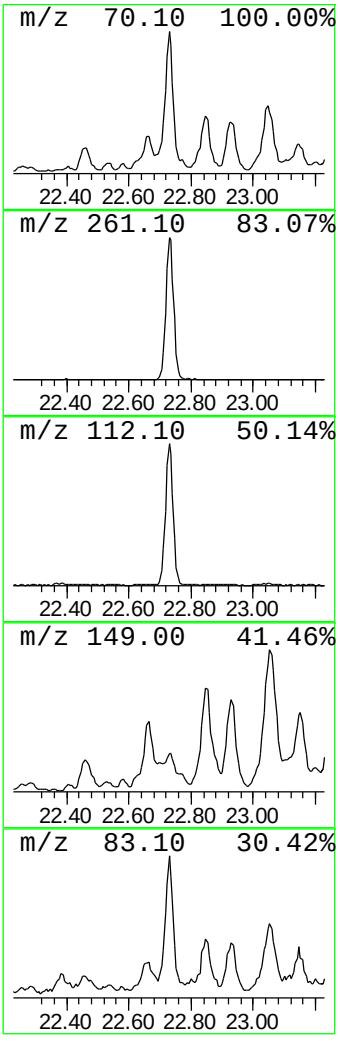
****

Peak Number 8 1,4-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	11.98 ng	1173880	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	64
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	53
4	Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	38
5	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

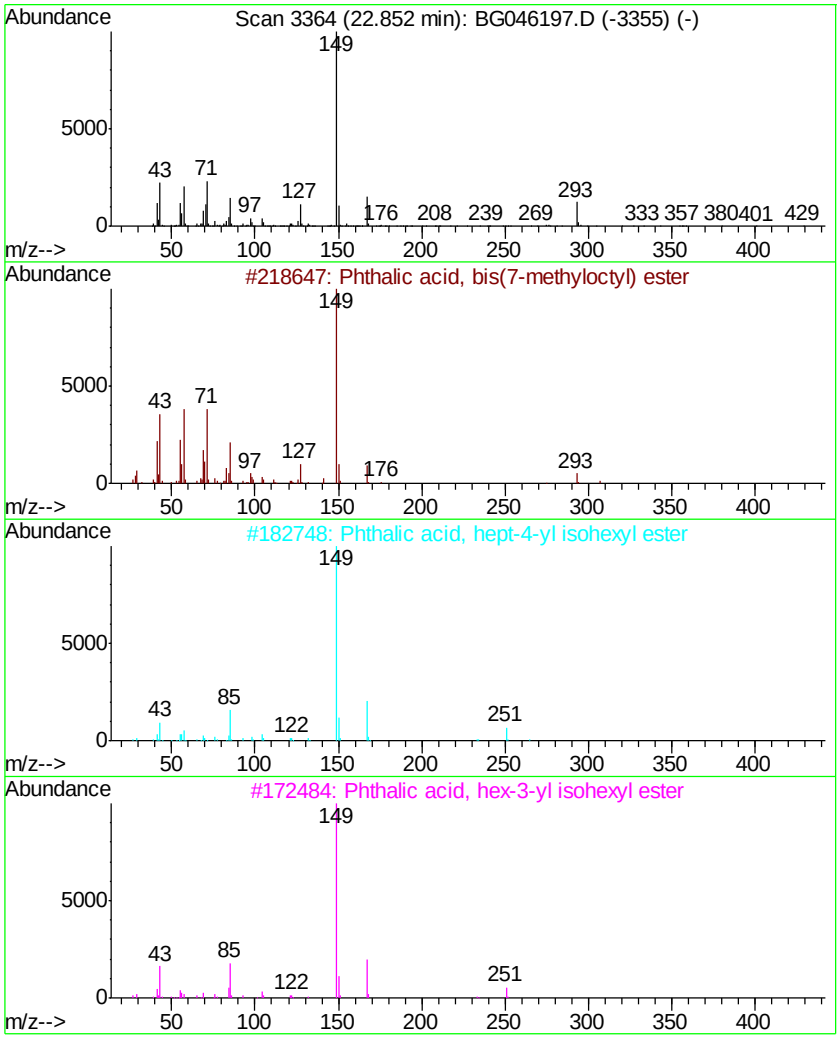
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

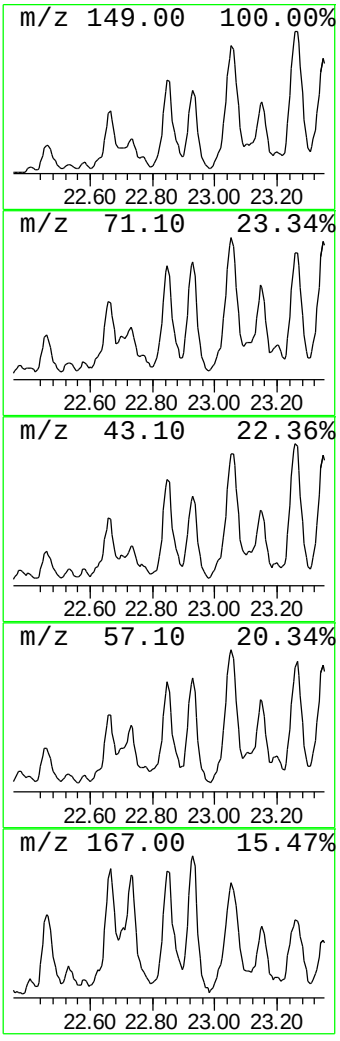
****

Peak Number 9 Phthalic acid, bis(7-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	19.08 ng	1869220	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	90
2	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	58
3	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	58
4	Phthalic acid, decyl 3,3-dimethy...	390	C24H38O4	1000357-00-9	53
5	Phthalic acid, 3,3-dimethylbut-2...	362	C22H34O4	1000357-00-7	53





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Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

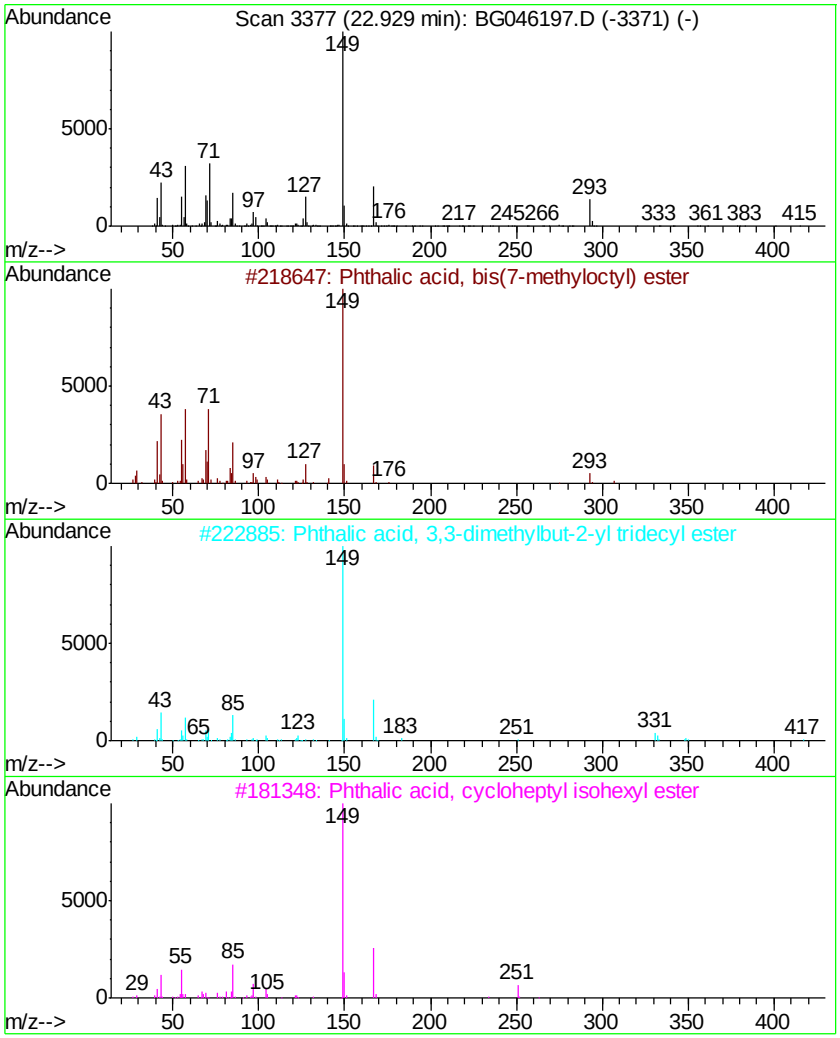
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

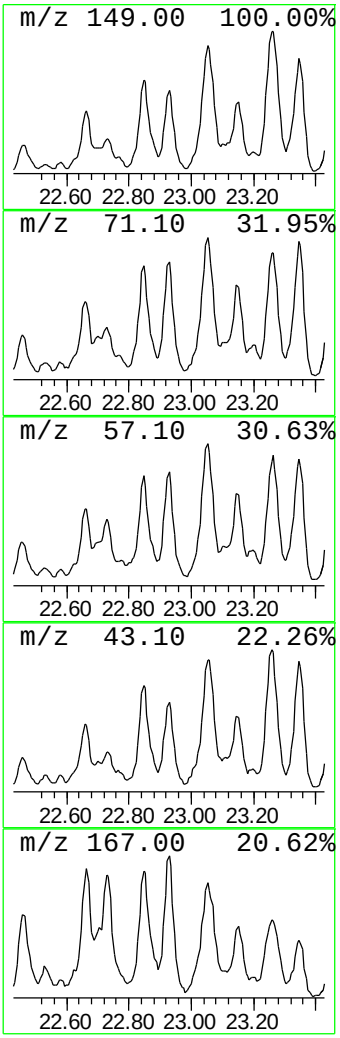
****

Peak Number 10 Phthalic acid, 3,3-dimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	18.54 ng	1816490	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	83
2	Phthalic acid, 3,3-dimethylbut-2...	432	C27H44O4	1000357-01-2	59
3	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	58
4	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	58
5	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	58





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Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

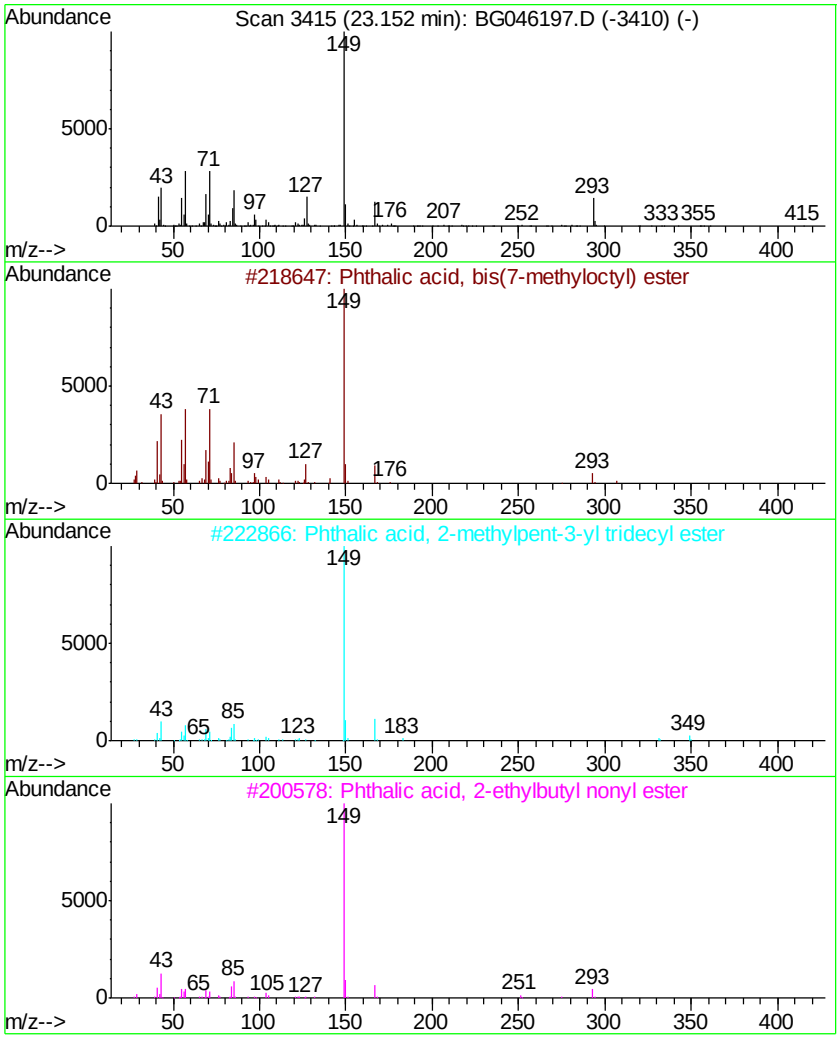
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

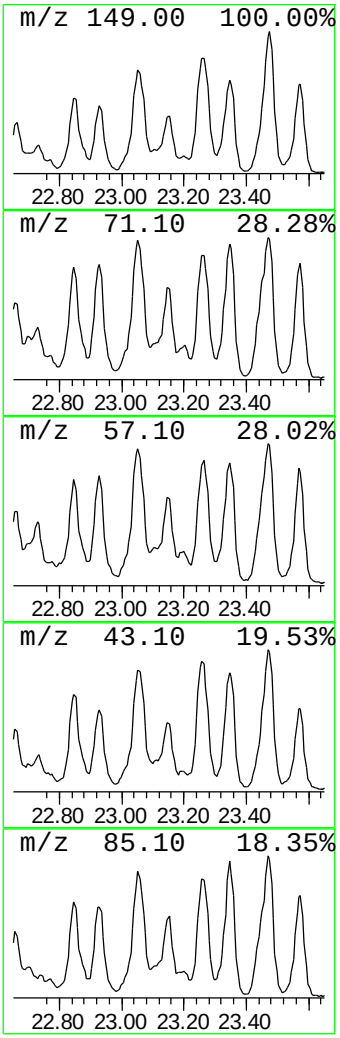
****

Peak Number 12 Phthalic acid, 2-methylpent... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	10.03 ng	998862	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	86
2	Phthalic acid, 2-methylpent-3-yl...	432	C27H44O4	1000356-91-8	59
3	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	59
4	Phthalic acid, isohexyl 3-methyl...	320	C19H28O4	1000356-80-6	59
5	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	53





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Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

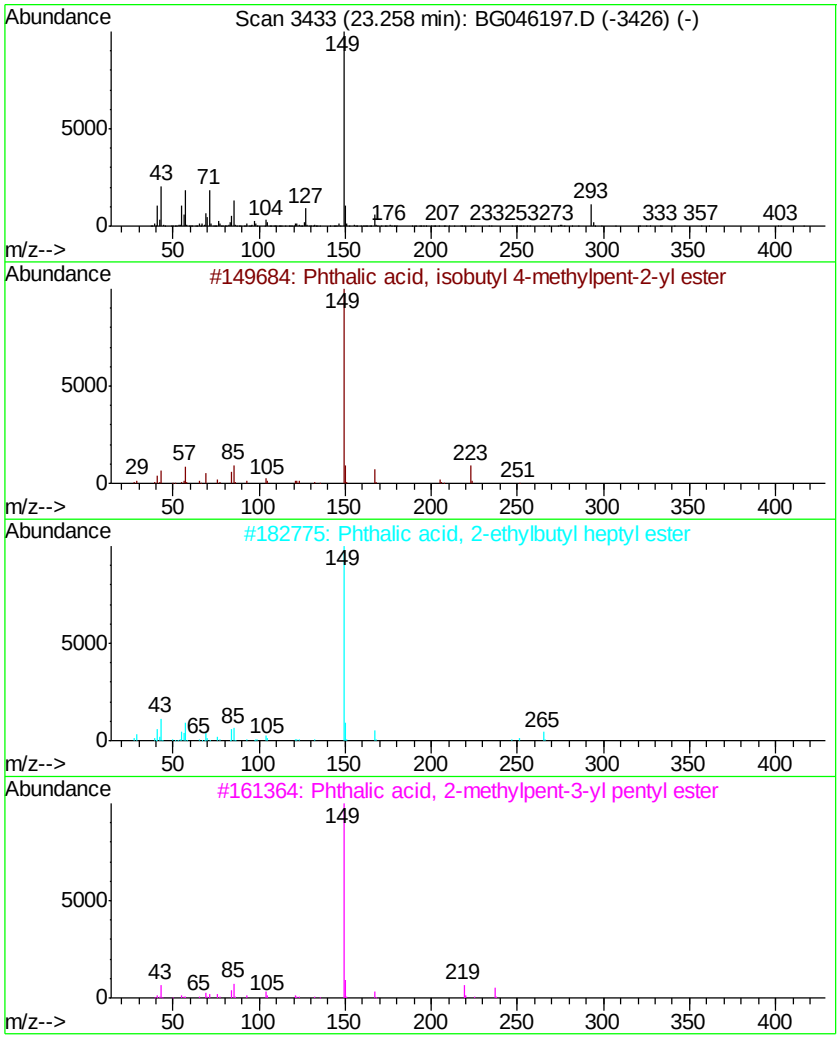
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

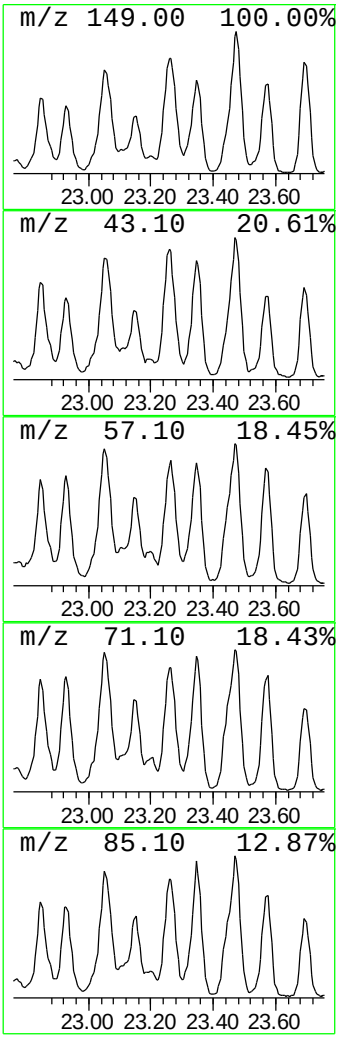
****

Peak Number 13 Phthalic acid, isobutyl 4-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	24.78 ng	2468020	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isobutyl 4-methyl...	306	C18H26O4	1000356-87-2	64
2	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	64
3	Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	64
4	Phthalic acid, 2-methylpent-3-yl...	502	C32H54O4	1000356-92-2	64
5	Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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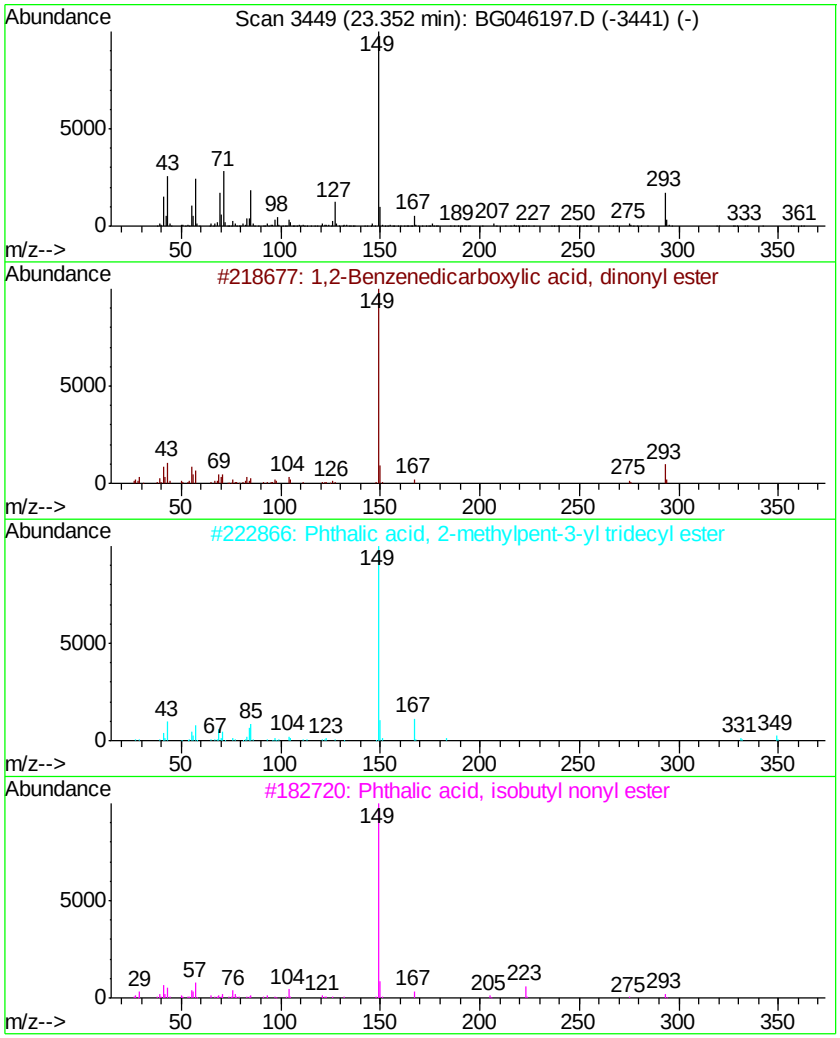
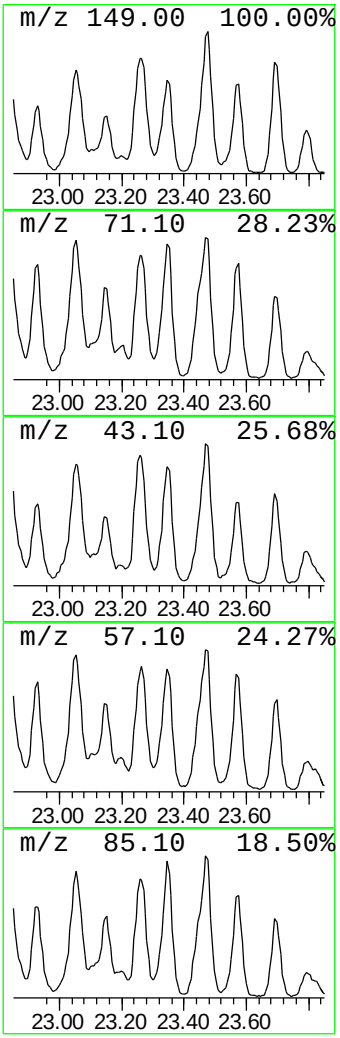
Peak Number 14 Phthalic acid, isobutyl non... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	25.62 ng	2552000	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	58
2	Phthalic acid, 2-methylpent-3-yl...	432	C27H44O4	1000356-91-8	53
3	Phthalic acid, isobutyl nonyl ester	348	C21H32O4	1000309-04-4	53
4	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	53
5	Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1000356-87-5	50





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Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

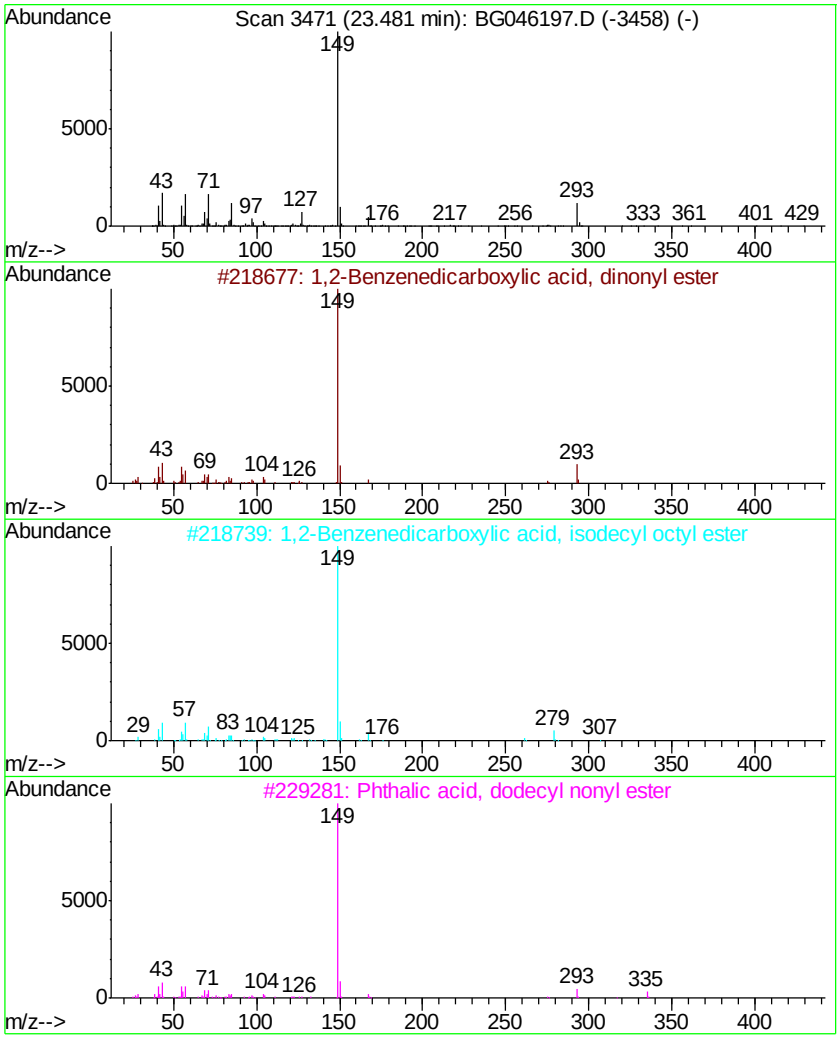
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

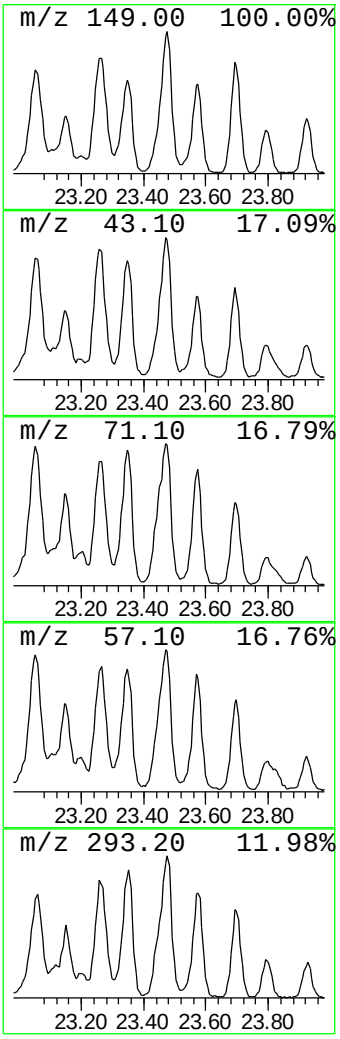
****

Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	36.60 ng	3644970	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	72
2	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	64
3	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	59
4	Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	59
5	Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	59





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Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

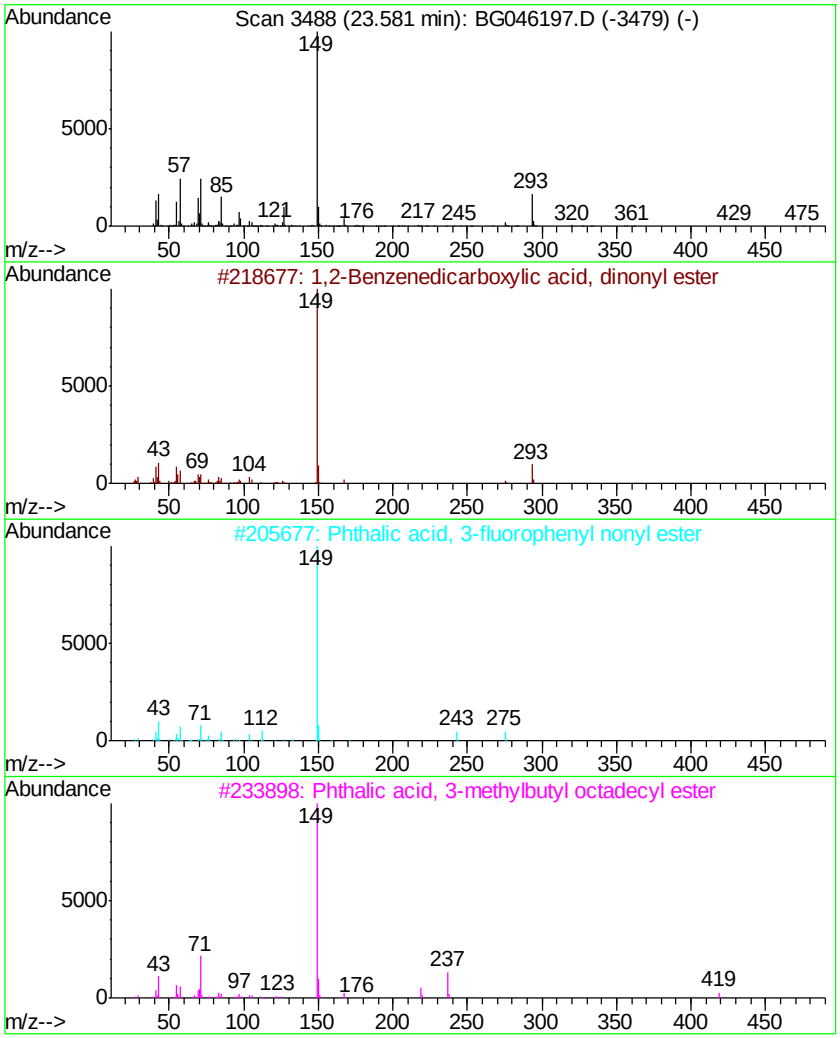
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

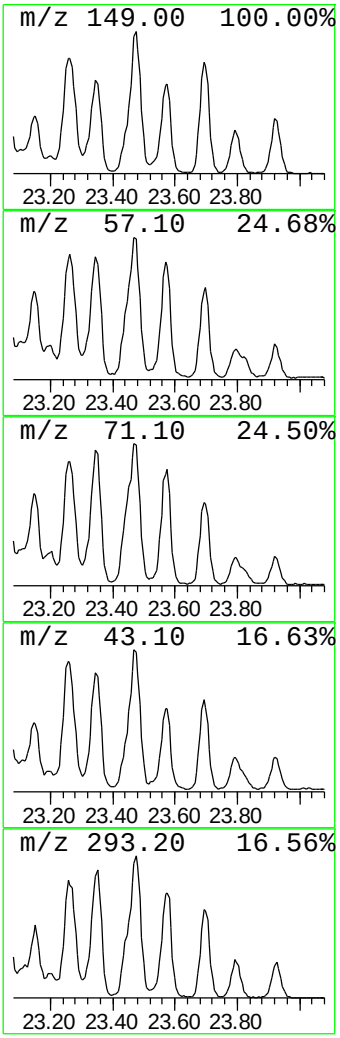
****

Peak Number 16 Phthalic acid, 3-fluorophen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	21.74 ng	2165350	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	64
2	Phthalic acid, 3-fluorophenyl no...	386	C23H27FO4	1000356-67-2	64
3	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	59
4	Phthalic acid, 3-methylbutyl tri...	418	C26H42O4	1000356-81-4	59
5	Phthalic acid, 3-methylbutyl pen...	446	C28H46O4	1000356-81-6	59





Library Search Compound Report

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Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

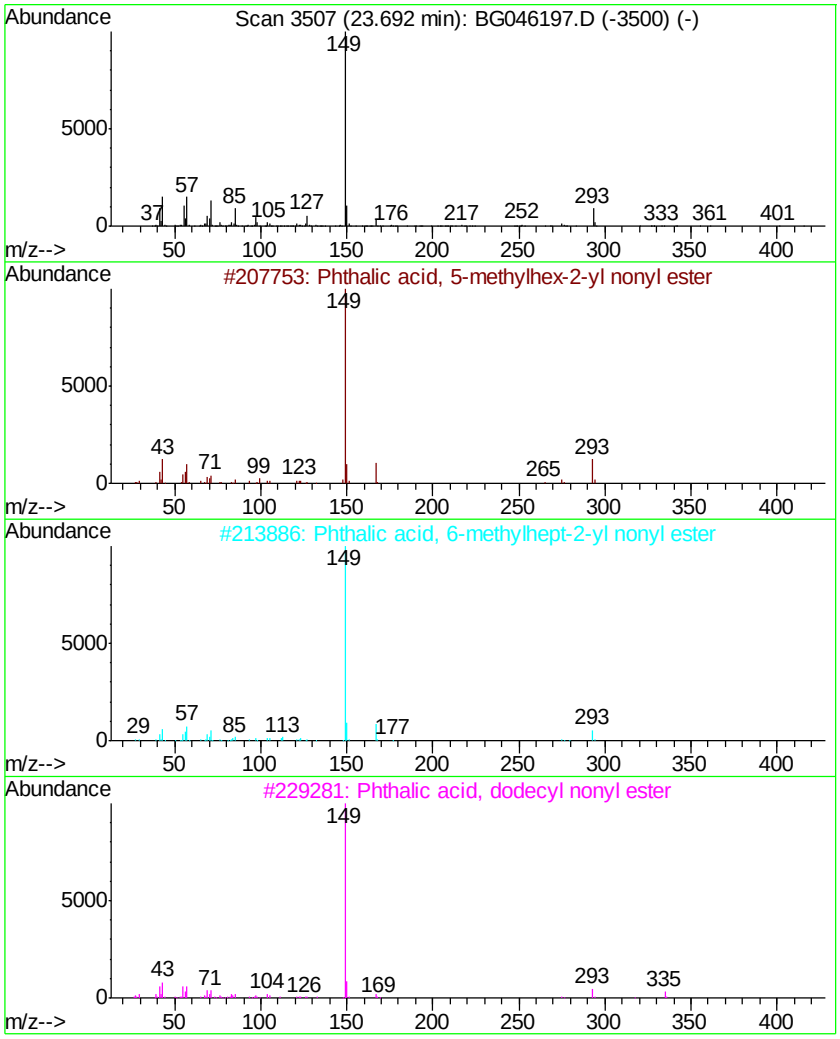
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

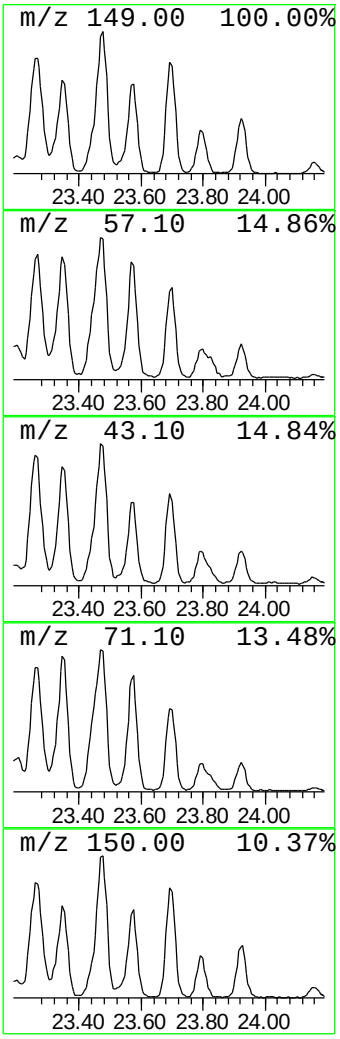
****

Peak Number 17 Phthalic acid, 5-methylhex-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	19.74 ng	1965490	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 5-methylhex-2-yl ...	390	C24H38O4	1000371-08-5	80
2	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	78
3	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	72
4	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	64
5	Phthalic acid, 5-methoxy-3-methy...	406	C24H38O5	1000314-89-0	64





Library Search Compound Report

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Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

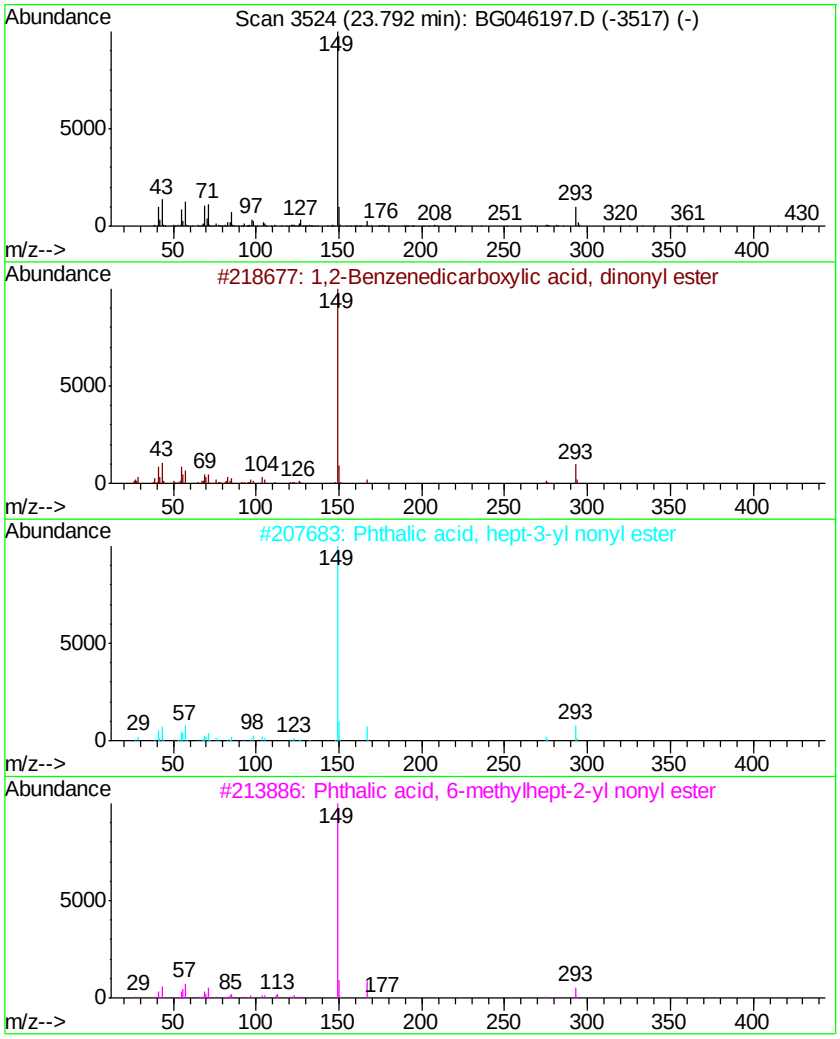
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

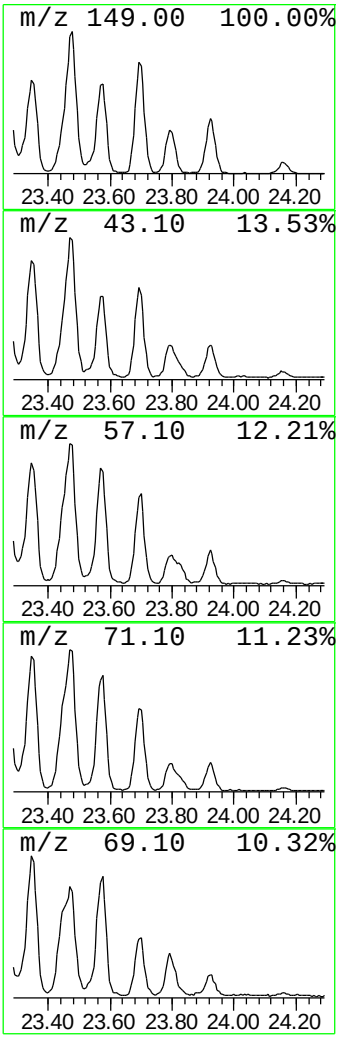
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,2-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	8.43 ng	839782	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	86
2	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	72
3	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	72
4	Phthalic acid, 4-methylhept-3-yl...	348	C21H32O4	1000377-94-0	64
5	Phthalic acid, ethyl tetradecyl ...	390	C24H38O4	1000309-00-5	64





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Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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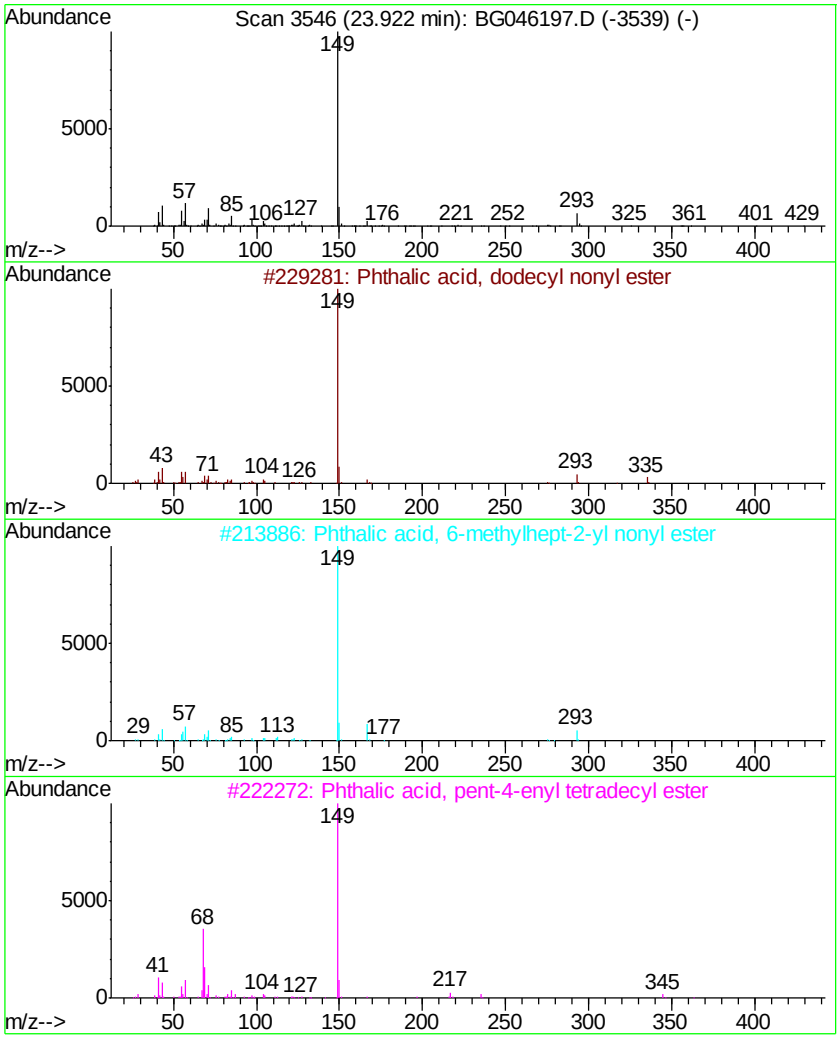
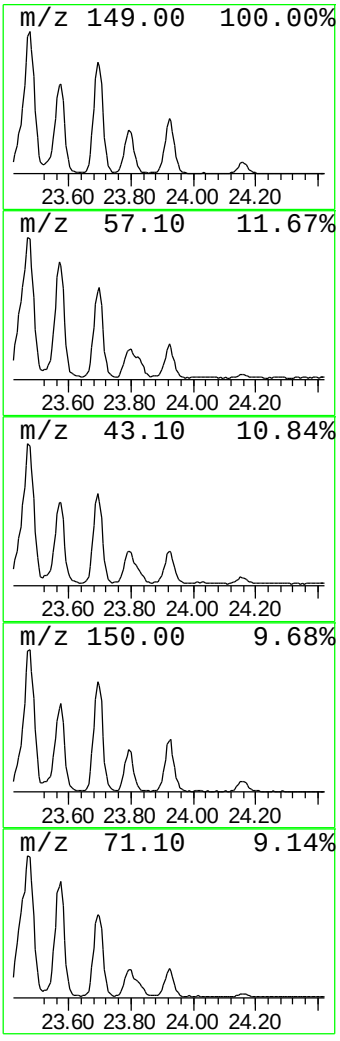
Peak Number 19 Phthalic acid, dodecyl nony... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	8.67 ng	863080	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	86
2	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	83
3	Phthalic acid, pent-4-enyl tetra...	430	C27H42O4	1000360-47-3	72
4	Phthalic acid, pent-4-enyl tride...	416	C26H40O4	1000360-47-2	72
5	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080720\
Data File : BG046197.D
Acq On : 7 Aug 2020 17:34
Operator : CG/JU
Sample : L3597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200446-CORE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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...	3.16	26.5	ng	756422	1	7.95	571537	20.0
Ethanol, 2-(2-eth...	7.55	2.1	ng	59136	1	7.95	571537	20.0
unknown18.99	18.99	5.2	ng	404975	4	17.32	1572750	20.0
2,4,4,6,6,8,8-Hep...	20.84	7.5	ng	732496	5	21.56	1959390	20.0
1-Heneicosanol	21.23	6.4	ng	628482	5	21.56	1959390	20.0
Phthalic acid, he...	22.46	6.0	ng	590343	5	21.56	1959390	20.0
Phthalic acid, 2-...	22.66	13.4	ng	1312760	5	21.56	1959390	20.0
1,4-Benzenedicarb...	22.73	12.0	ng	1173880	5	21.56	1959390	20.0
Phthalic acid, bi...	22.85	19.1	ng	1869220	5	21.56	1959390	20.0
Phthalic acid, 3,...	22.93	18.5	ng	1816490	5	21.56	1959390	20.0
Phthalic acid, 2-...	23.15	10.0	ng	998862	6	24.67	1991850	20.0
Phthalic acid, is...	23.26	24.8	ng	2468020	6	24.67	1991850	20.0
Phthalic acid, is...	23.35	25.6	ng	2552000	6	24.67	1991850	20.0
1,2-Benzenedicarb...	23.48	36.6	ng	3644970	6	24.67	1991850	20.0
Phthalic acid, 3-...	23.58	21.7	ng	2165350	6	24.67	1991850	20.0
Phthalic acid, 5-...	23.69	19.7	ng	1965490	6	24.67	1991850	20.0
1,2-Benzenedicarb...	23.79	8.4	ng	839782	6	24.67	1991850	20.0
Phthalic acid, do...	23.92	8.7	ng	863080	6	24.67	1991850	20.0