LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.822	647	652	669	rBV	80669	167450	8.16%	0.733%
2	6.969	671	677	689	rBV	80063	134139	6.54%	0.587%
3	7.169	705	711	722	rVB	102837	177057	8.63%	0.775%
4	7.622	782	788	797	rBV	488044	796825	38.82%	3.487%
5	8.346	905	911	924	rBV2	102934	198285	9.66%	0.868%
6	8.781	979	985	996	rBV	92142	167296	8.15%	0.732%
7	9.499	1100	1107	1116	rBV	75301	134651	6.56%	0.589%
8	10.046	1193	1200	1219	rBV	96168	215819	10.52%	0.945%
9	10.393	1252	1259	1275	rBV	758098	1265684	61.67%	5.539%
10	10.552	1279	1286	1300	rBV	90791	197826	9.64%	0.866%
11	13.675	1812	1817	1822	rBV	230391	342017	16.66%	1.497%
12	13.728	1822	1826	1832	rVB	64984	96894	4.72%	0.424%
13	13.951	1857	1864	1872	rBV	299268	455360	22.19%	1.993%
14	14.263	1910	1917	1926	rBV2	1140628	1735400	84.55%	7.595%
15	14.551	1960	1966	1979	rBV5	17229	58574	2.85%	0.256%
16	15.263	2081	2087	2096	rBV	392253	593260	28.90%	2.596%
17	15.428	2110	2115	2124	rVB3	15226	25512	1.24%	0.112%
18	16.787	2339	2346	2349	rBV3	17463	24132	1.18%	0.106%
19	17.016	2379	2385	2397	rBV2	1415218	2052455	100.00%	8.982%
20	17.116	2397	2402	2412	rVB	427807	617381	30.08%	2.702%
21	19.086	2734	2737	2745	rVB	33081	47130	2.30%	0.206%
22	19.422	2788	2794	2803	rBV	498634	744515	36.27%	3.258%
23	20.357	2949	2953	2959	rBV2	103641	148089	7.22%	0.648%
24	20.445	2965	2968	2971	rBV	48191	51389	2.50%	0.225%
25	20.516	2976	2980	2983	rBV	64948	86426	4.21%	0.378%
26	20.780	3021	3025	3029	rBV	175658	197502	9.62%	0.864%
27	20.845	3031	3036	3040	rBV	489273	578629	28.19%	2.532%
28	21.157	3083	3089	3094	rBV	926235	1154419	56.25%	5.052%
29	21.222	3095	3100	3105	rBV2	1376798	1826948	89.01%	7.995%
30	21.357	3120	3123	3129	rBV	166226	236878	11.54%	1.037%
31	21.410	3129	3132	3135	rVB	155313	155880	7.59%	0.682%
32	21.527	3149	3152	3156	rVB	202235	221713	10.80%	0.970%
33	21.657	3169	3174	3178	rVB	697075	860522	41.93%	3.766%
34	21.710	3179	3183	3188	rVB	482044	583205	28.41%	2.552%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

35	22.022	3231	3236	3243	rVB	1597603	2032204	99.01%	8.894%
36	22.269	3274	3278	3285	rVB2	186420	306948	14.96%	1.343%
37	22.416	3300	3303	3309	rVB	148587	194182	9.46%	0.850%
38	22.563	3324	3328	3333	rVB	419121	604836	29.47%	2.647%
39	22.757	3358	3361	3369	rVB2	153110	231298	11.27%	1.012%
40	22.986	3396	3400	3409	rVB	539393	895107	43.61%	3.917%
41	23.298	3448	3453	3467	rVB2	354278	770544	37.54%	3.372%
42	23.433	3470	3476	3485	rVB	777453	1465698	71.41%	6.414%

Sum of corrected areas: 22850079

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
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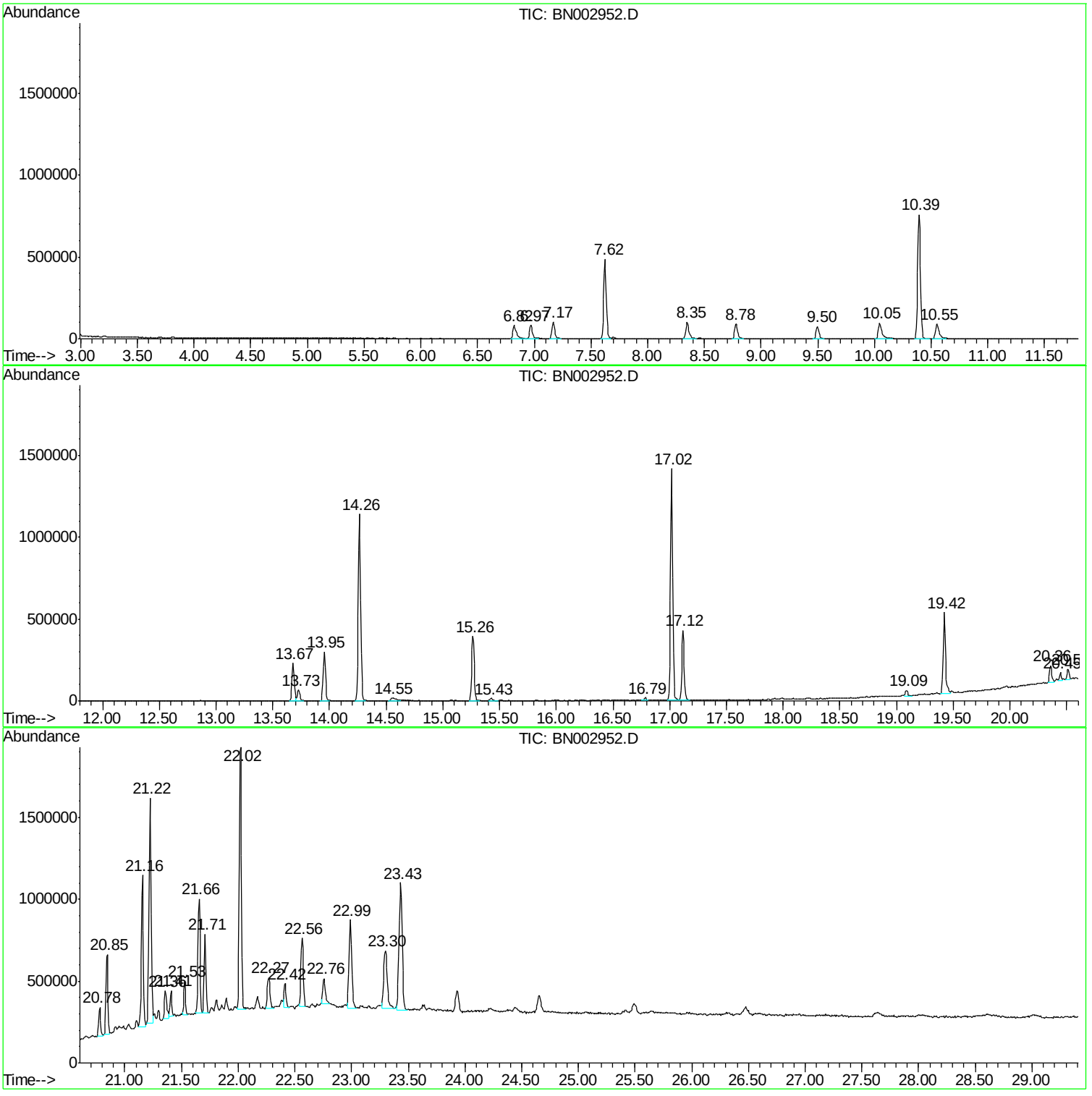
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

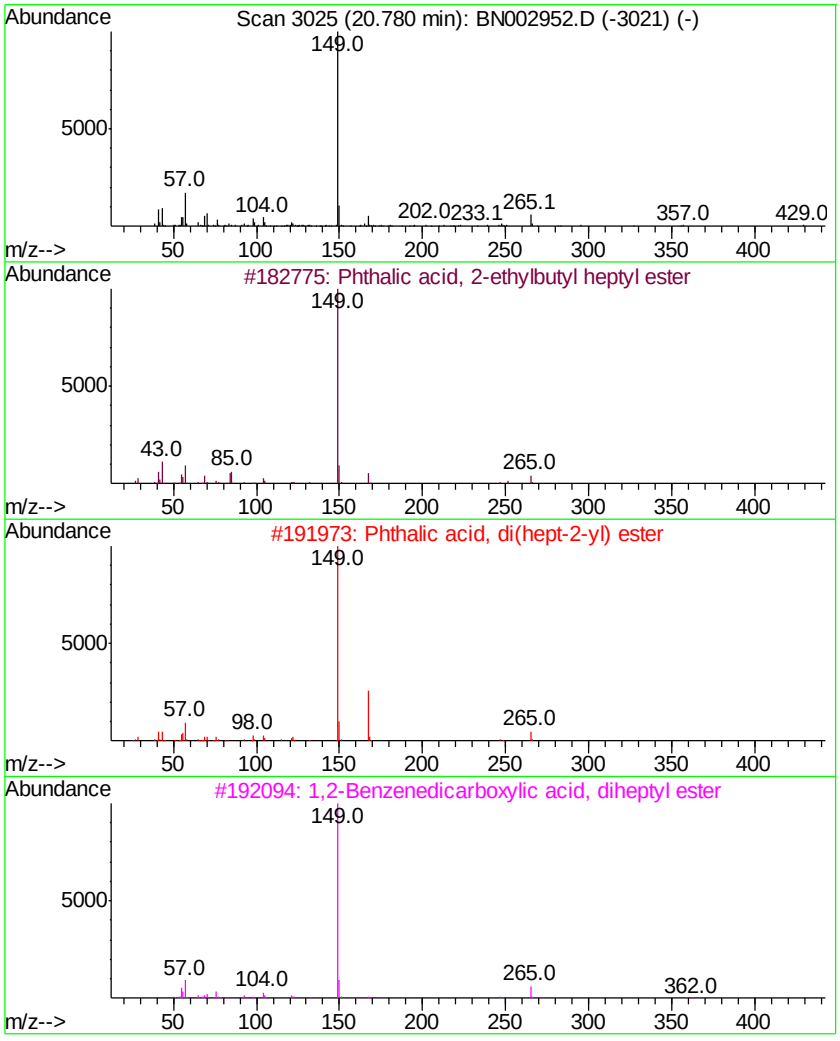
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

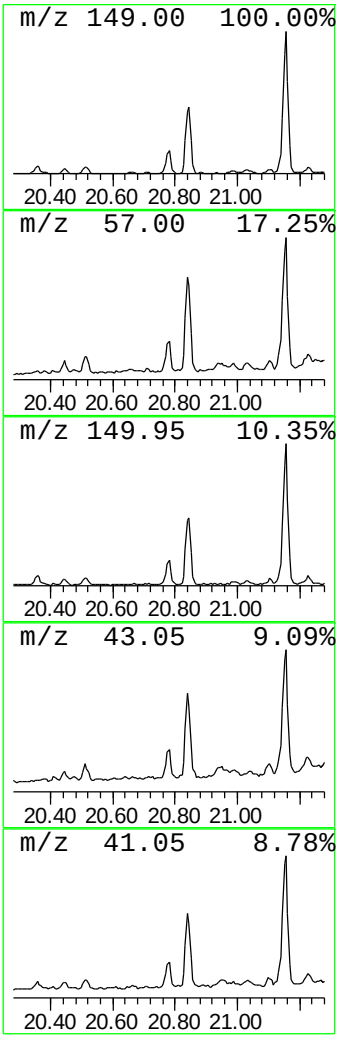
****

Peak Number 1 Phthalic acid, 2-ethylbutyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	2.16 ng/ul	197502	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	90
2	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	90
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
4	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	80
5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

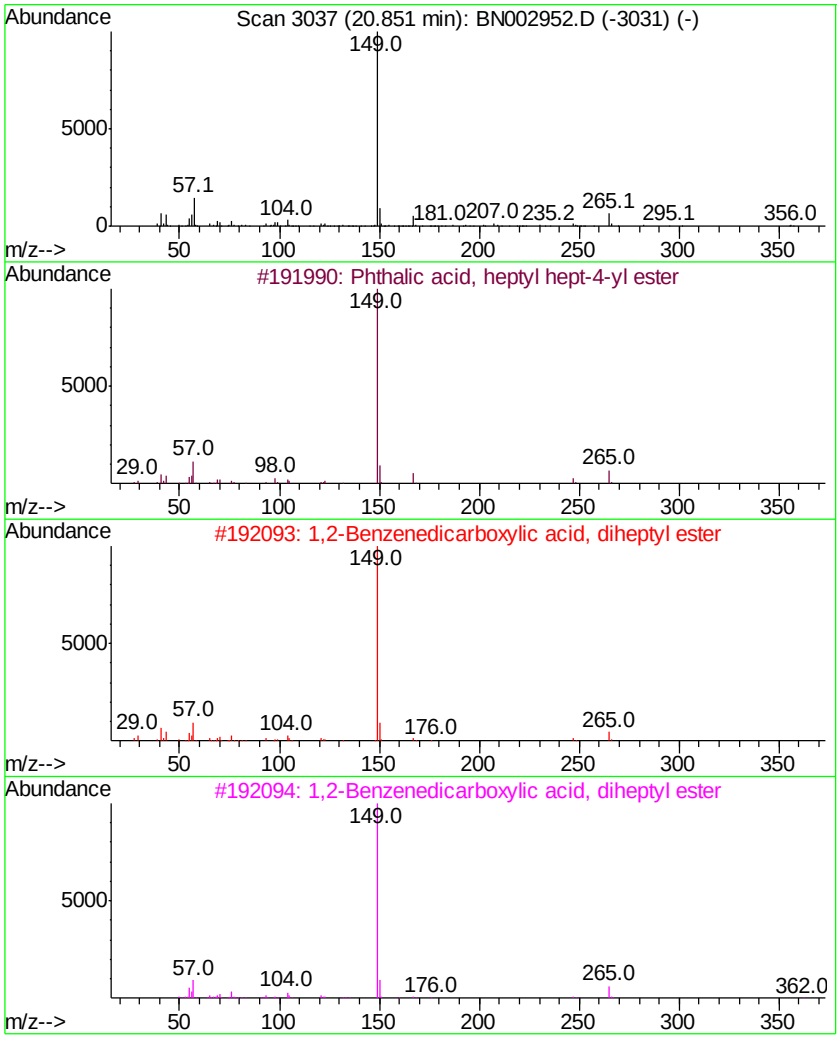
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

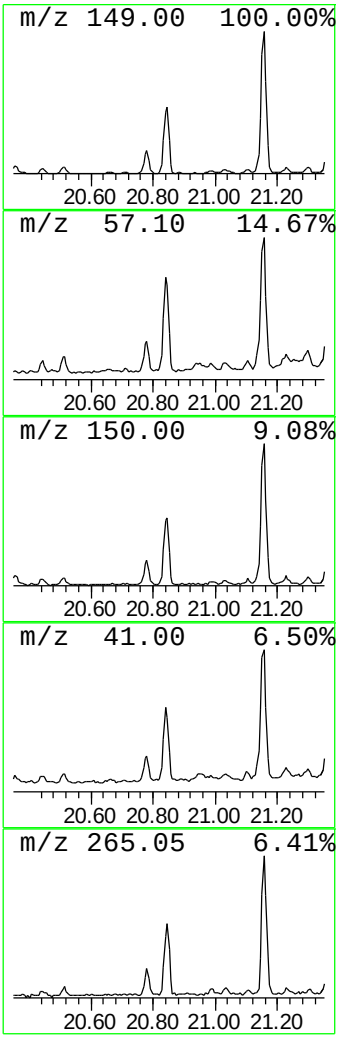
****

Peak Number 2 Phthalic acid, heptyl hept-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	6.33 ng/ul	578629	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	86
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
4	Phthalic acid, heptyl 2-methylbu...	334	C20H30O4	1000322-81-5	86
5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

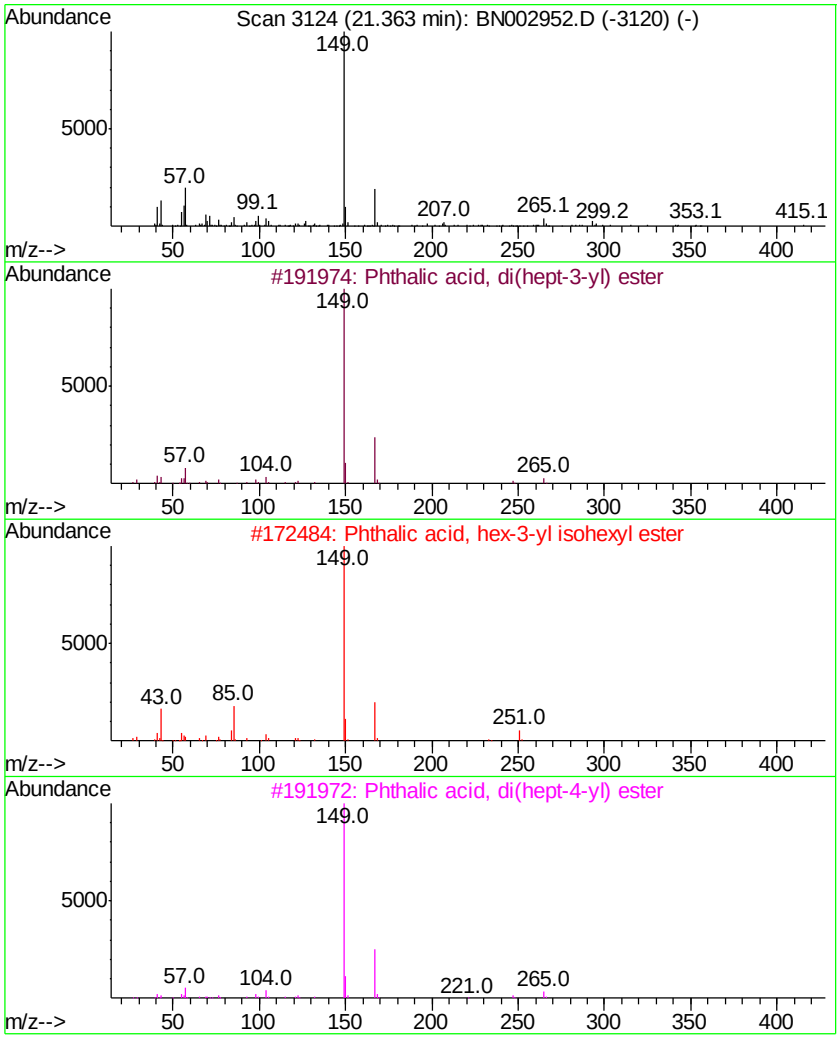
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

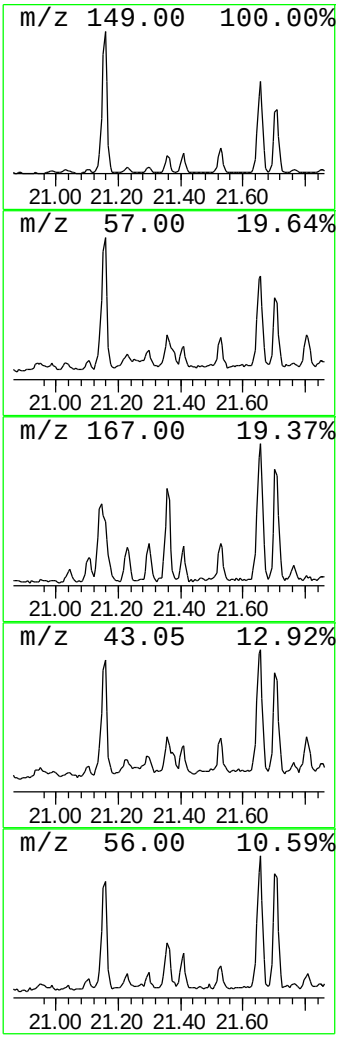
****

Peak Number 3 Phthalic acid, di(hept-3-yl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.59 ng/ul	236878	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-3-yl) ester	362	C22H34O4	1000357-00-0	72
2	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	72
3	Phthalic acid, di(hept-4-yl) ester	362	C22H34O4	1000356-80-0	72
4	Phthalic acid, isohexyl 2-methyl...	334	C20H30O4	1000356-91-0	72
5	Phthalic acid, 6-methylhept-2-yl...	488	C31H52O4	1000377-96-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

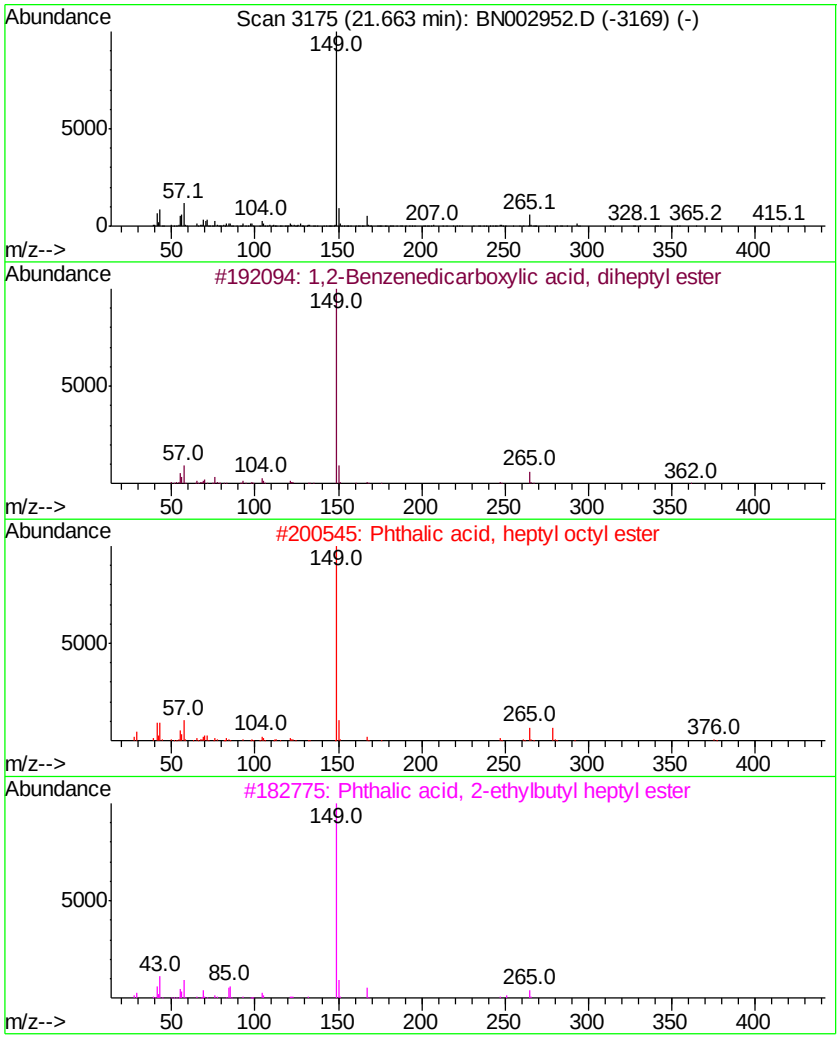
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

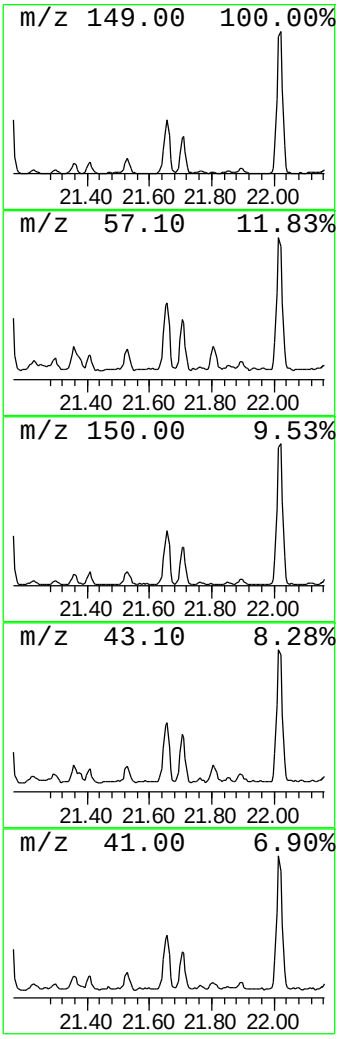
****

Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	9.42 ng/ul	860522	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
2	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	86
3	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
4	Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	86
5	Phthalic acid, dec-2-yl isobutyl...	362	C22H34O4	1000356-93-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

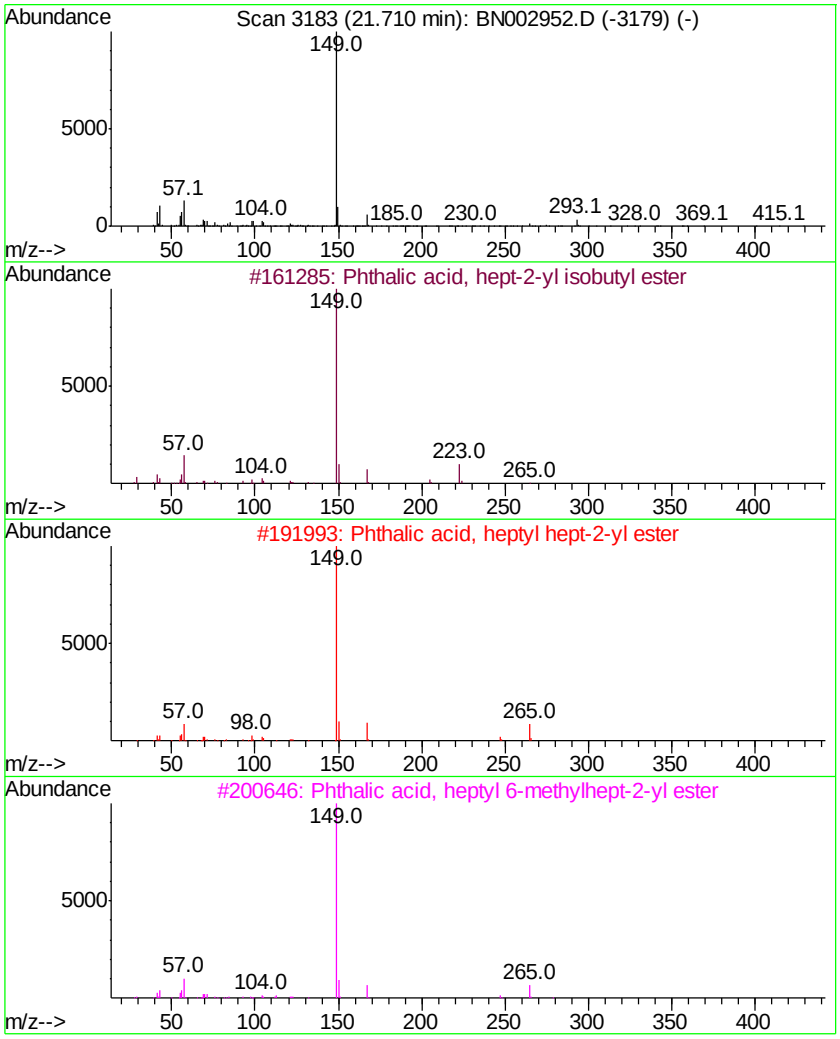
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

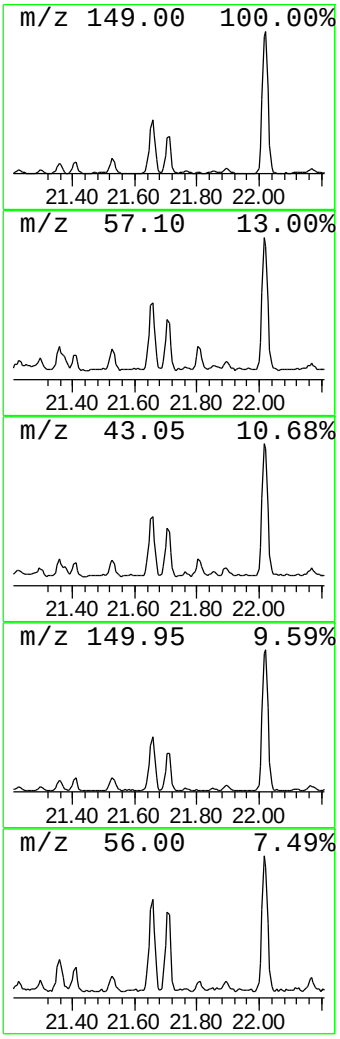
****

Peak Number 6 Phthalic acid, hept-2-yl is... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	6.38 ng/ul	583205	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	86
2	Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	86
3	Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	86
4	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	80
5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

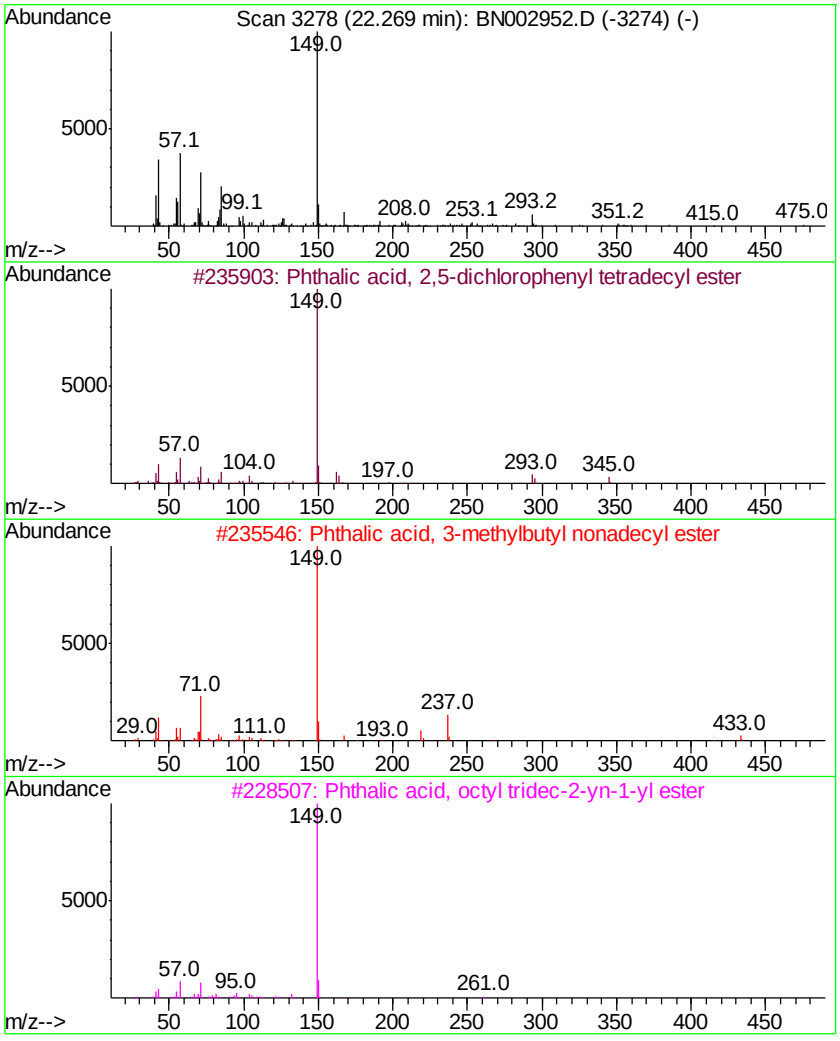
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

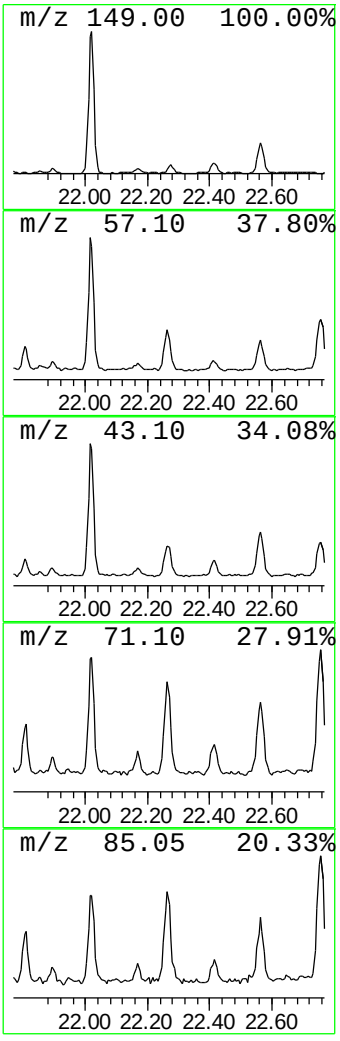
****

Peak Number 7 Phthalic acid, 2,5-dichloro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.36 ng/ul	306948	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,5-dichlorophenv...	506	C28H36Cl2O4	1000356-65-6	64
2	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	59
3	Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	59
4	Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	53
5	Phthalic acid, 4-methylpent-2-yl...	446	C28H46O4	1000356-88-4	53





Library Search Compound Report

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Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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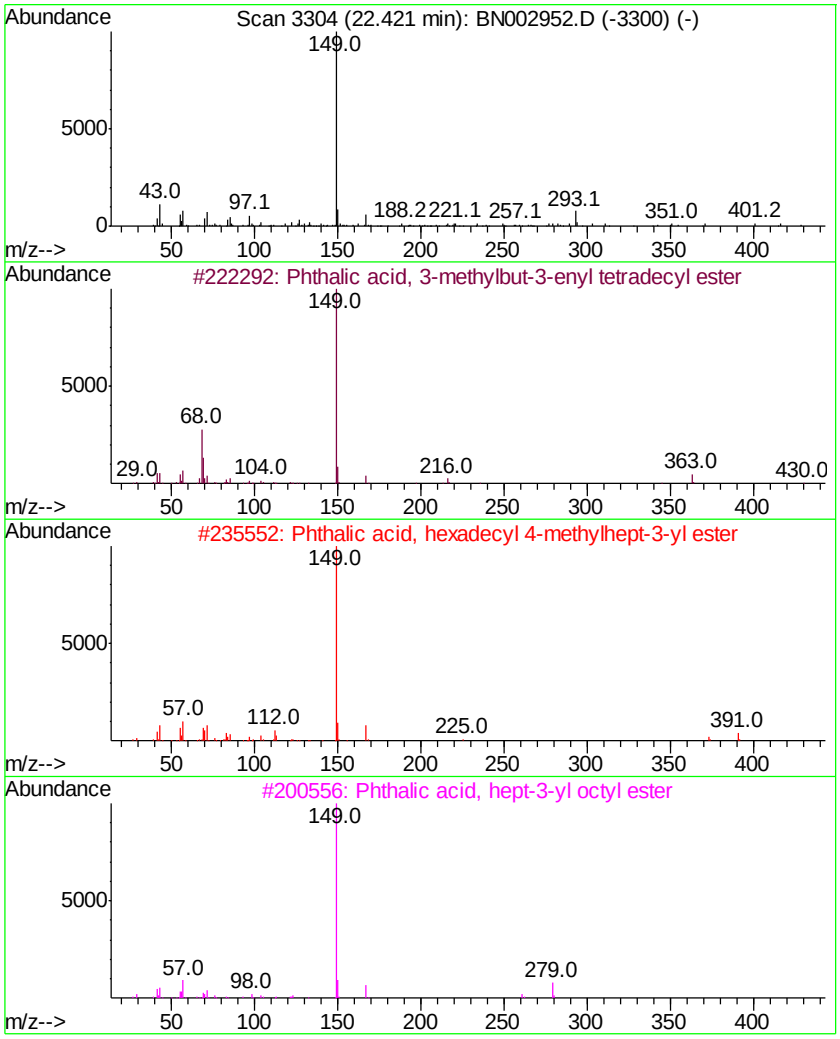
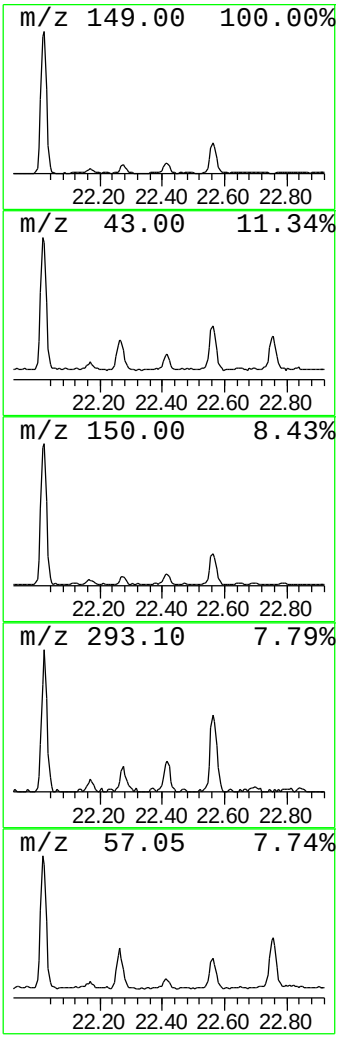
Peak Number 8 Phthalic acid, 3-methylbut-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.65 ng/ul	194182	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbut-3-enyl...	430	C27H42O4	1000357-11-2	83
2	Phthalic acid, hexadecyl 4-methy...	502	C32H54O4	1000377-95-1	80
3	Phthalic acid, hept-3-yl octyl e...	376	C23H36O4	1000356-99-2	72
4	Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	72
5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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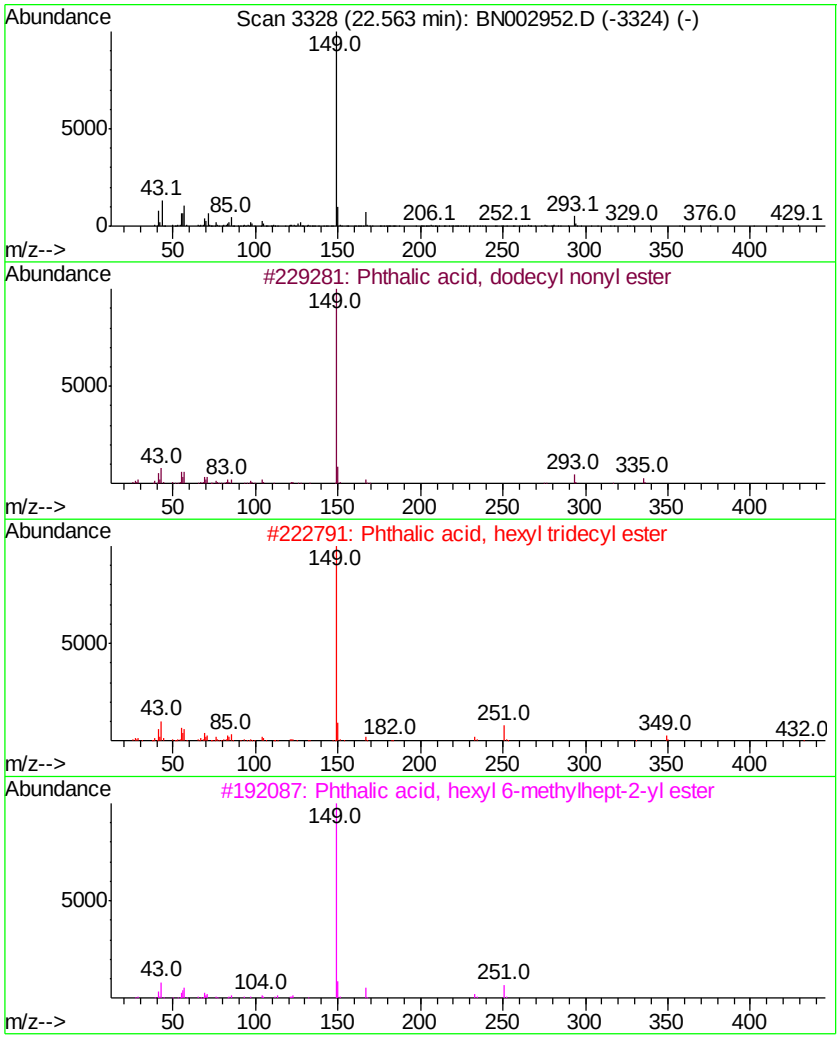
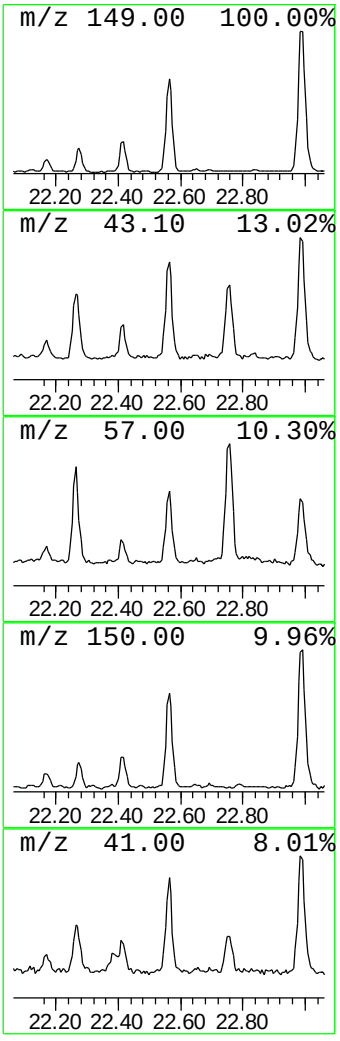
Peak Number 9 Phthalic acid, dodecyl nony... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	8.25 ng/ul	604836	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	86
2	Phthalic acid, hexyl tridecyl ester	432	C27H44O4	1000308-99-1	80
3	Phthalic acid, hexyl 6-methylhep...	362	C22H34O4	1000377-96-0	80
4	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	80
5	Phthalic acid, heptadecyl 4-meth...	516	C33H56O4	1000377-95-2	80





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Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

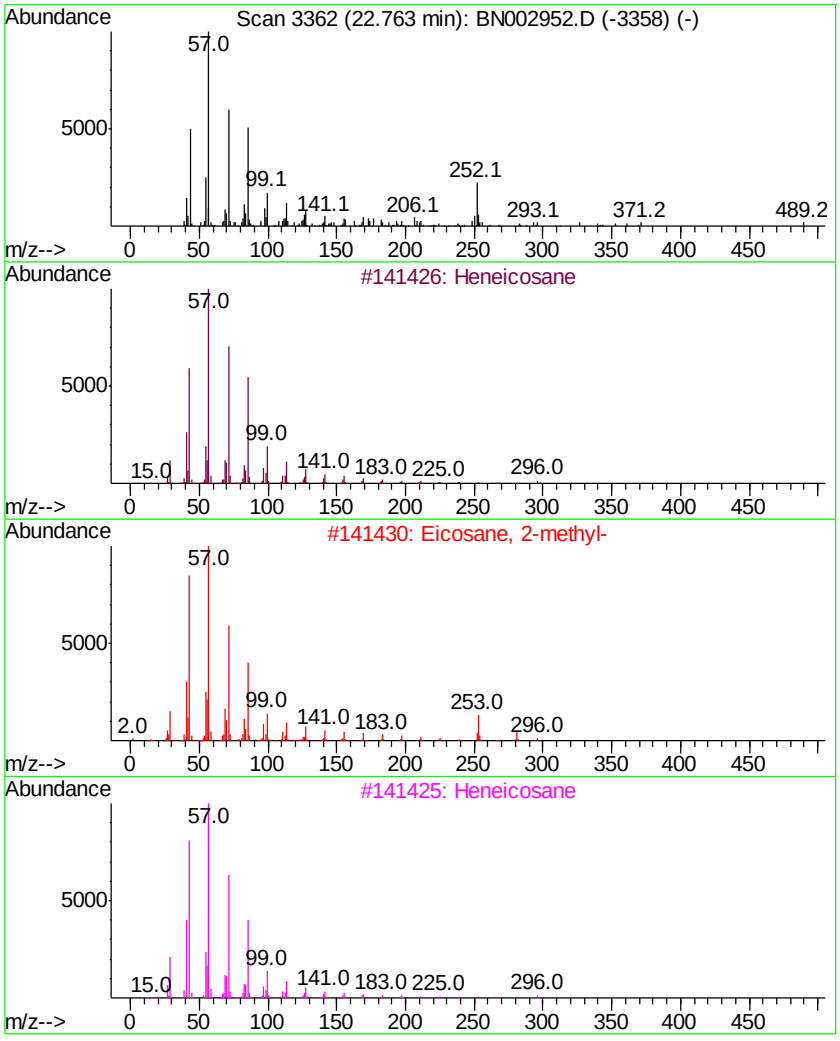
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

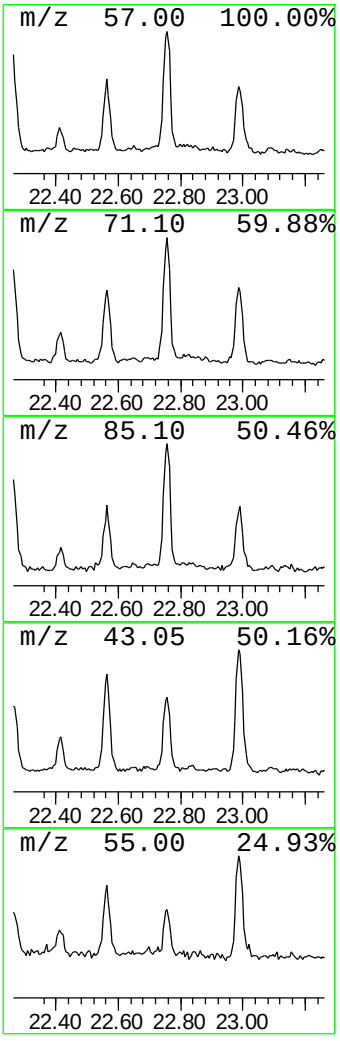
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.16 ng/ul	231298	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

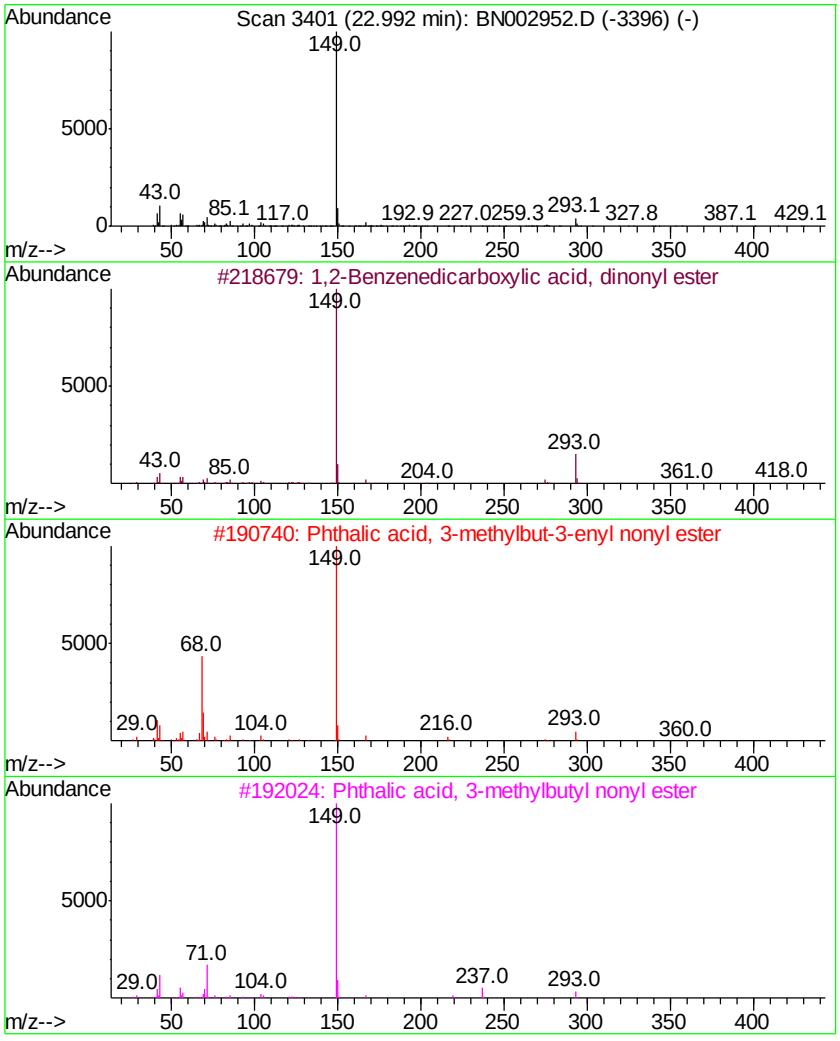
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

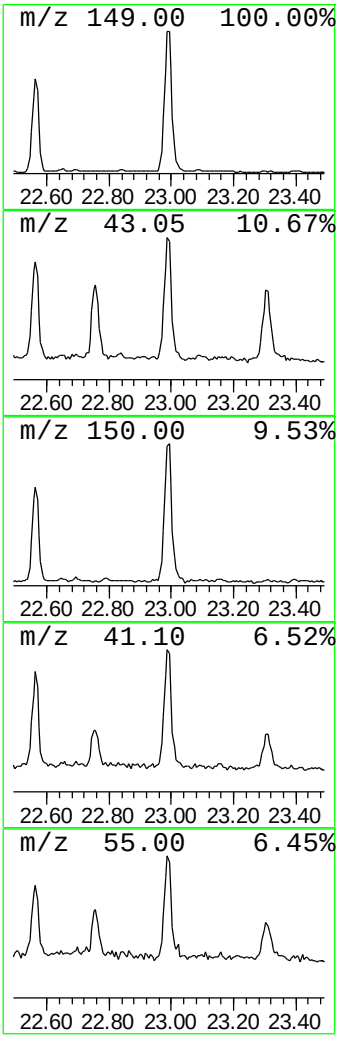
****

Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	12.21 ng/ul	895107	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	90
2	Phthalic acid, 3-methylbut-3-enyl...	360	C22H32O4	1000357-10-7	86
3	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	78
4	Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	72
5	Phthalic acid, butyl 2-pentyl ester	292	C17H24O4	1000315-47-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100518\
Data File : BN002952.D
Acq On : 05 Oct 2018 03:21
Operator : MJ/SJ
Sample : J5116-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA 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
Phthalic acid, 2-...	20.78	2.2	ng/ul	197502	5	21.22	1826950	20.0
Phthalic acid, he...	20.85	6.3	ng/ul	578629	5	21.22	1826950	20.0
Phthalic acid, di...	21.36	2.6	ng/ul	236878	5	21.22	1826950	20.0
1,2-Benzenedicarb...	21.66	9.4	ng/ul	860522	5	21.22	1826950	20.0
Phthalic acid, he...	21.71	6.4	ng/ul	583205	5	21.22	1826950	20.0
Phthalic acid, 2,...	22.27	3.4	ng/ul	306948	5	21.22	1826950	20.0
Phthalic acid, 3-...	22.42	2.6	ng/ul	194182	6	23.43	1465700	20.0
Phthalic acid, do...	22.56	8.3	ng/ul	604836	6	23.43	1465700	20.0
(DEL) Alkane: Str...	22.76	3.2	ng/ul	231298	6	23.43	1465700	20.0
1,2-Benzenedicarb...	22.99	12.2	ng/ul	895107	6	23.43	1465700	20.0