LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

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_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.363	212	217	232	rBV	723565	982066	4.52%	0.528%
2	4.969	314	320	327	rBV	1693666	2321588	10.69%	1.249%
3	5.440	394	400	416	rBV	266595	428248	1.97%	0.230%
4	6.398	558	563	566	rVV	385621	648152	2.98%	0.349%
5	6.434	566	569	584	rVV	390346	682498	3.14%	0.367%
6	6.557	584	590	594	rVV	499763	792105	3.65%	0.426%
7	6.593	594	596	614	rVB	135200	238832	1.10%	0.128%
8	7.034	665	671	686	rVB	1272273	2141079	9.86%	1.152%
9	7.845	803	809	817	rVB	549738	877620	4.04%	0.472%
10	7.922	817	822	832	rBV	121575	226370	1.04%	0.122%
11	8.898	982	988	996	rVV	209730	401644	1.85%	0.216%
12	9.010	996	1007	1025	rVB	1518745	2905428	13.38%	1.563%
13	9.516	1086	1093	1100	rBV2	136462	405408	1.87%	0.218%
14	10.645	1278	1285	1300	rVB	740405	1295553	5.97%	0.697%
15	13.116	1697	1705	1716	rBV	3876255	5788726	26.66%	3.114%
16	14.486	1932	1938	1958	rVB	1094511	1692248	7.79%	0.910%
17	15.980	2186	2192	2198	rBV	134442	219774	1.01%	0.118%
18	17.233	2399	2405	2412	rBV	1319387	1894023	8.72%	1.019%
19	17.915	2516	2521	2527	rVB	214802	256282	1.18%	0.138%
20	18.139	2554	2559	2567	rBV	324840	489396	2.25%	0.263%
21	19.086	2715	2720	2724	rVB	569864	644036	2.97%	0.346%
22	19.221	2739	2743	2748	rBV	180272	225123	1.04%	0.121%
23	19.415	2773	2776	2787	rBV	203088	326027	1.50%	0.175%
24	19.862	2846	2852	2863	rBV	6712299	8161560	37.58%	4.391%
25	20.421	2944	2947	2952	rVB	278506	362459	1.67%	0.195%
26	20.492	2955	2959	2962	rVV	613090	698114	3.21%	0.376%
27	20.533	2962	2966	2967	rVV	596220	757802	3.49%	0.408%
28	20.562	2967	2971	2974	rVV	7546085	9448921	43.51%	5.083%
29	20.592	2974	2976	2979	rVV	2297191	2346748	10.81%	1.263%
30	20.633	2979	2983	2988	rVV	2171951	3653210	16.82%	1.965%
31	20.692	2988	2993	2998	rVV	2624655	3590772	16.53%	1.932%
32	20.745	2998	3002	3005	rVV	1241429	1645080	7.58%	0.885%
33	20.786	3005	3009	3010	rVV	1348616	1851800	8.53%	0.996%
34	20.809	3010	3013	3015	rVV	2194582	2761856	12.72%	1.486%
35	20.850	3015	3020	3024	rVV	4069195	6918371	31.86%	3.722%
36	20.909	3024	3030	3033	rVV	6845977	9444641	43.49%	5.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

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_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.950	3033	3037	3041	rVV	9659470	15848908	72.98%	8.526%
38	21.009	3041	3047	3050	rVV	12510317	21716723	100.00%	11.683%
39	21.050	3050	3054	3059	rVV	12136456	18847899	86.79%	10.140%
40	21.103	3059	3063	3066	rVV	8127926	10169207	46.83%	5.471%
41	21.139	3066	3069	3072	rVV	5273628	6421426	29.57%	3.455%
42	21.174	3072	3075	3080	rVV	5466848	8529339	39.28%	4.589%
43	21.233	3080	3085	3089	rVB	6340046	8364770	38.52%	4.500%
44	21.274	3089	3092	3097	rBV	1630351	1809868	8.33%	0.974%
45	21.339	3098	3103	3110	rBV	3795714	5470023	25.19%	2.943%
46	21.397	3110	3113	3114	rVV	669932	641164	2.95%	0.345%
47	21.421	3114	3117	3126	rVB	1639725	2417631	11.13%	1.301%
48	21.574	3140	3143	3146	rBV	425373	465498	2.14%	0.250%
49	22.027	3217	3220	3224	rBV	479103	667063	3.07%	0.359%
50	22.180	3242	3246	3248	rBV	1105043	1585033	7.30%	0.853%
51	22.215	3248	3252	3255	rVV	1348353	2090073	9.62%	1.124%
52	22.386	3278	3281	3284	rBV	704899	837114	3.85%	0.450%
53	23.786	3514	3519	3530	rVB2	1217958	2474368	11.39%	1.331%

Sum of corrected areas: 185879667

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
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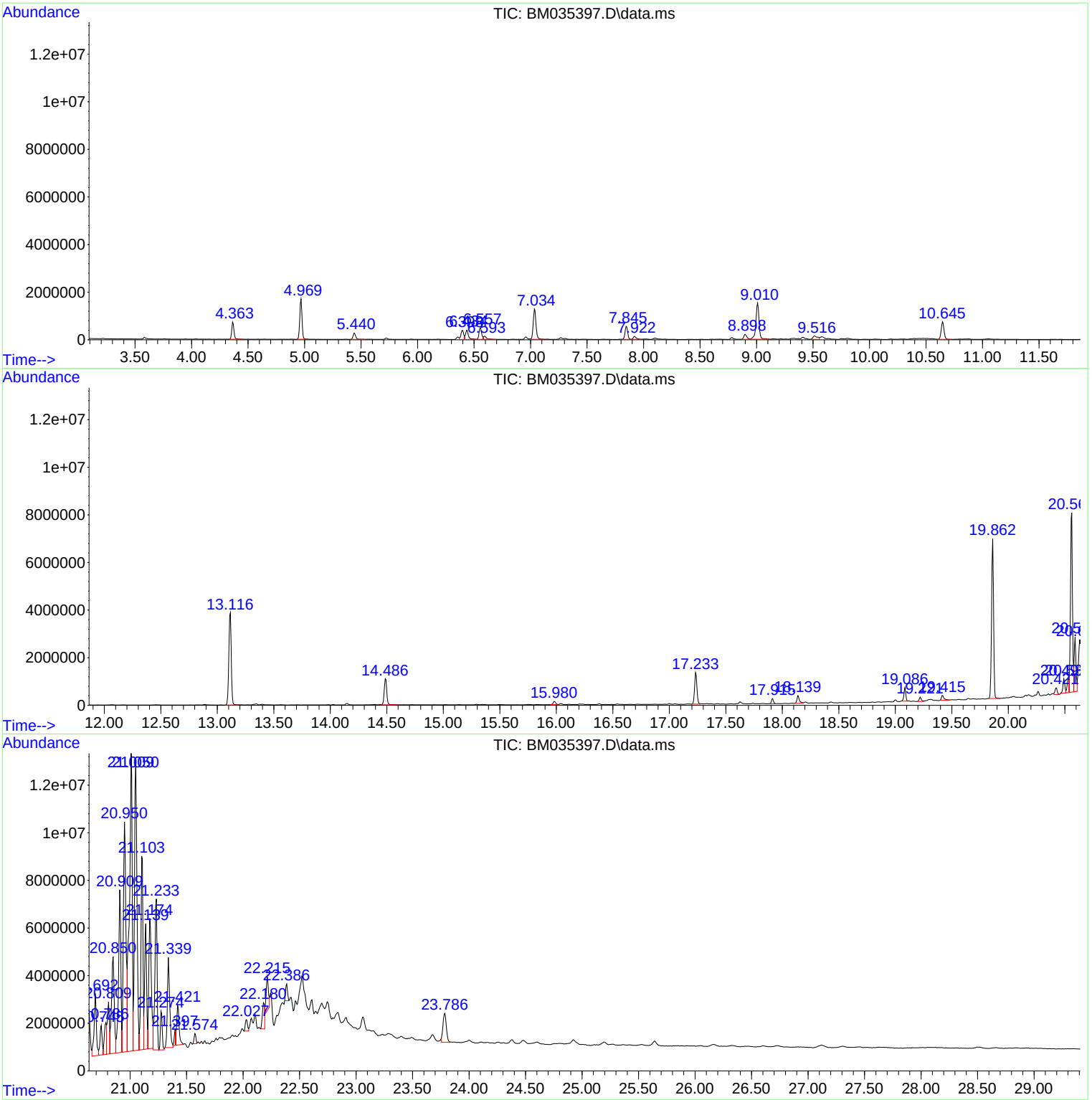
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

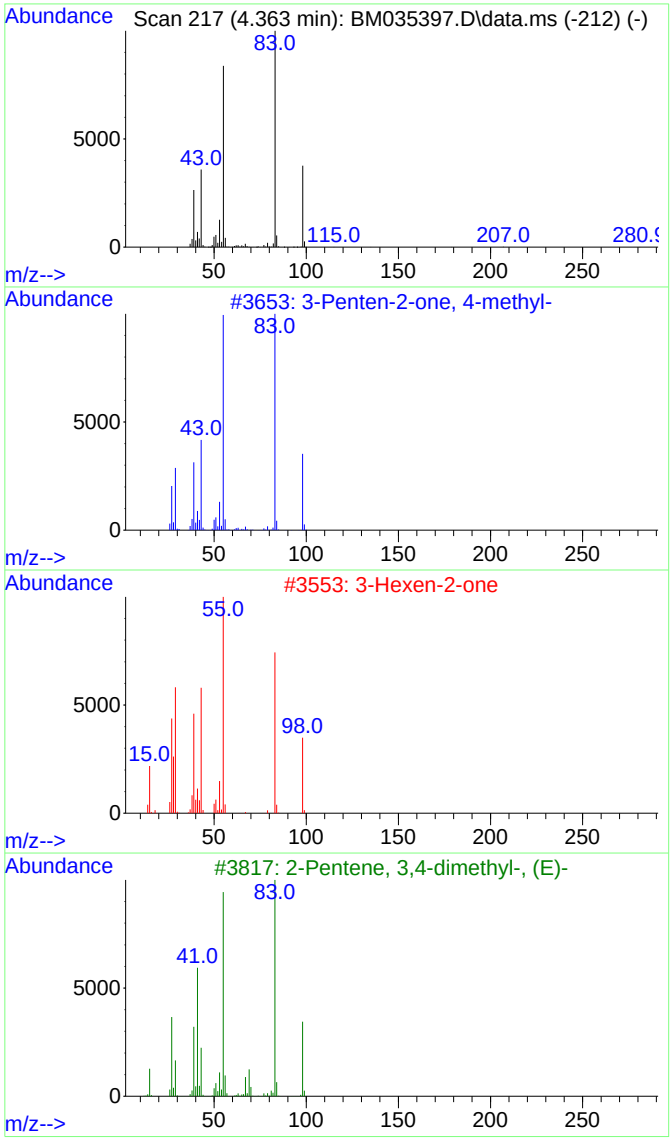
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

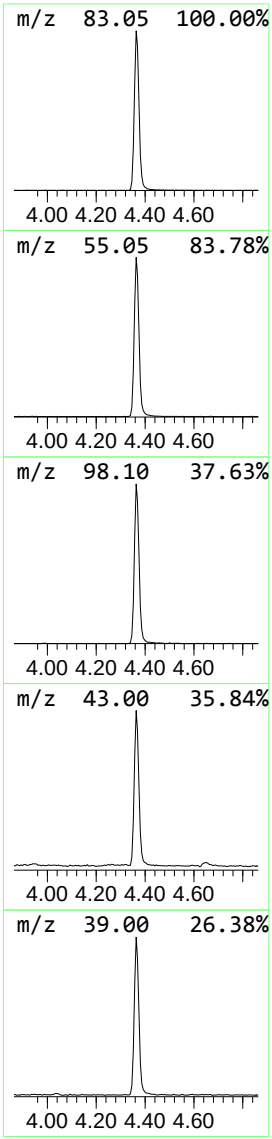
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.363	22.38 ng	982066	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

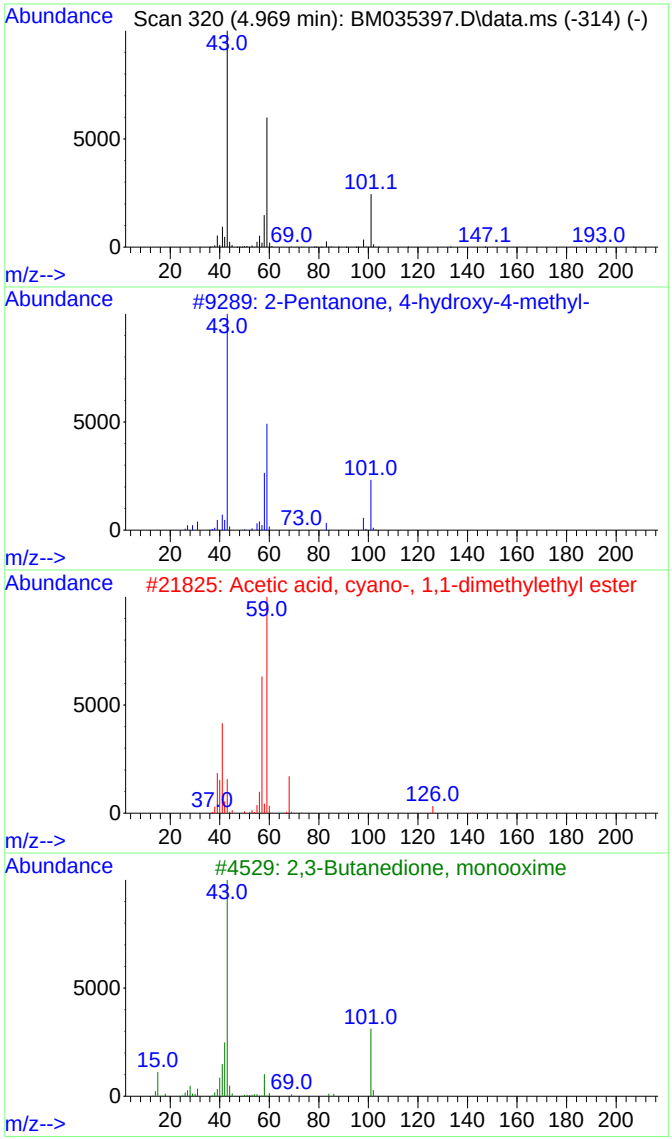
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

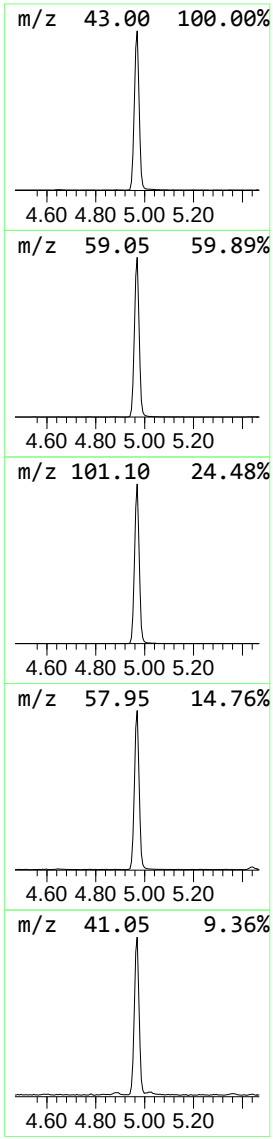
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	52.91 ng	2321590	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

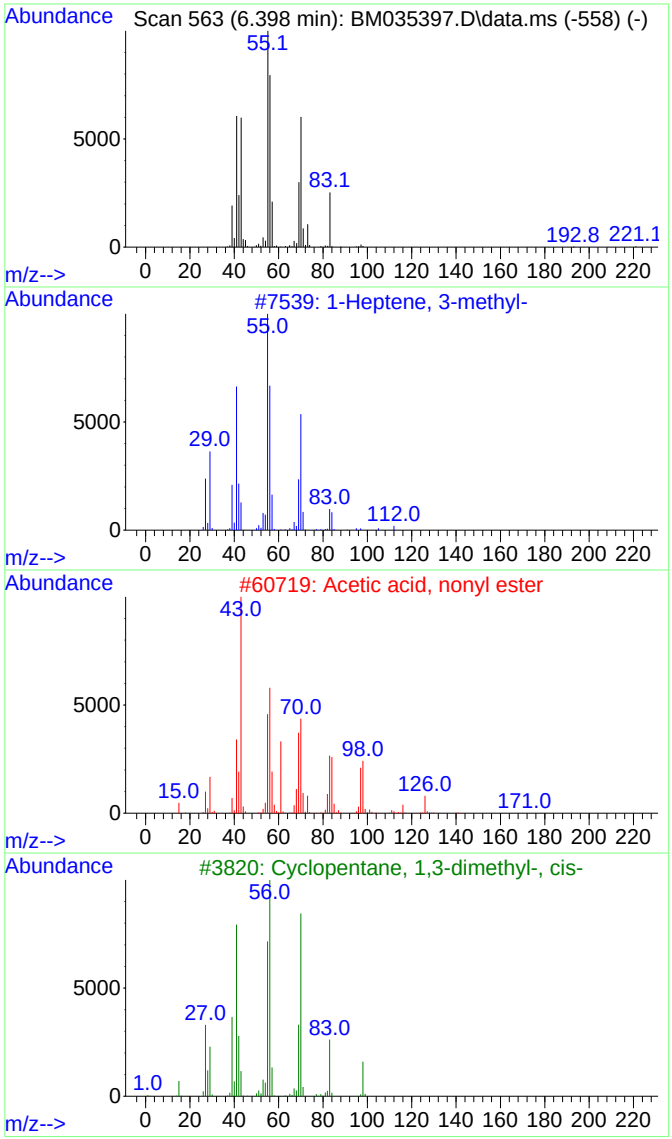
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

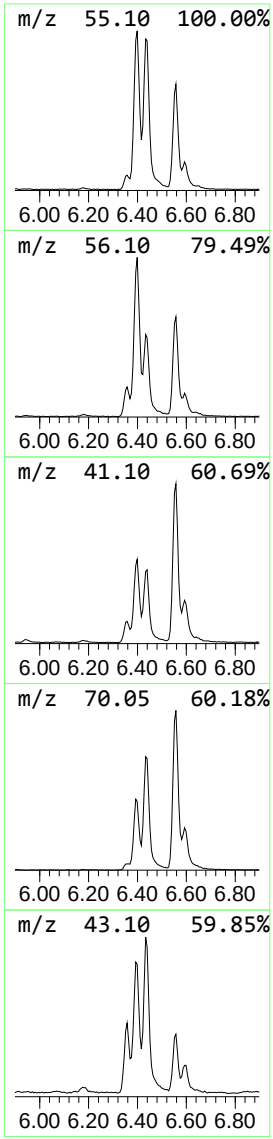
****

Peak Number 3 1-Heptene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	14.77 ng	648152	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	78
2	Acetic acid, nonyl ester	186	C11H22O2	000143-13-5	64
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4	Cyclopropane, 1-hexyl-2-propyl-,...	168	C12H24	074630-58-3	64
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

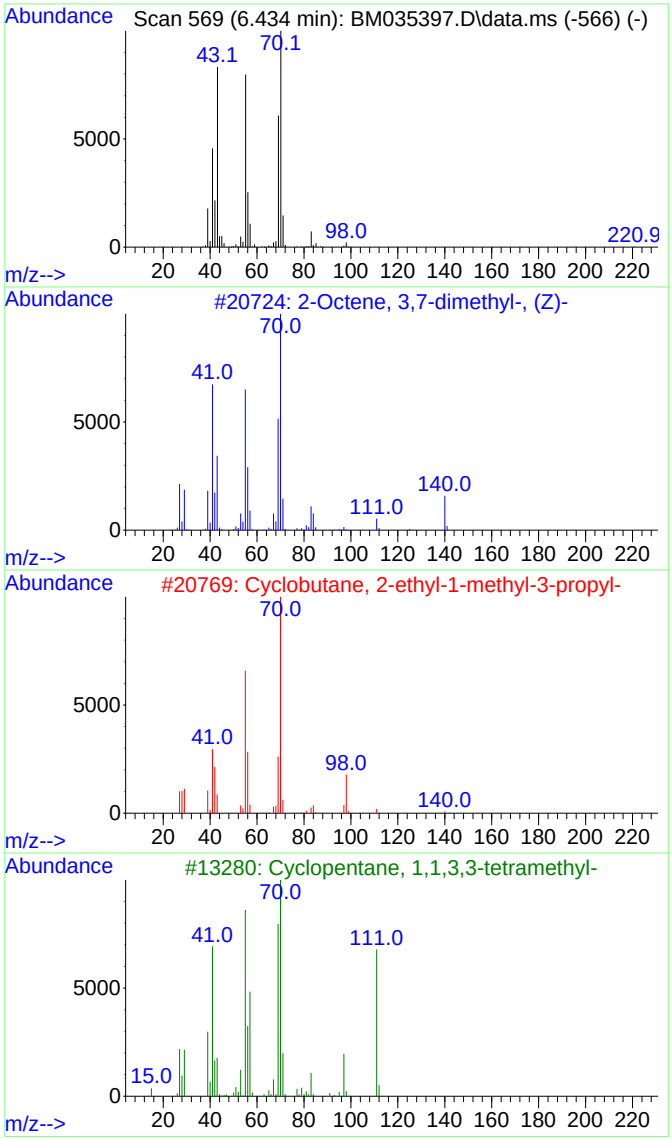
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

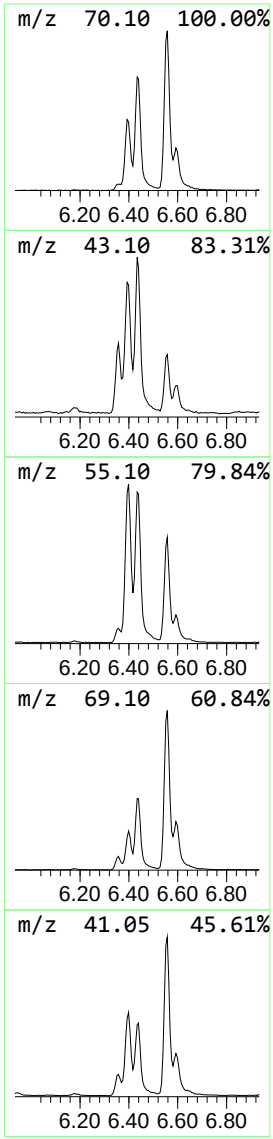
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Octene, 3,7-dimethyl-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	15.55 ng	682498	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 3,7-dimethyl-, (Z)-	140	C10H20	006874-32-4	64
2	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	64
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	59
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59





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Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

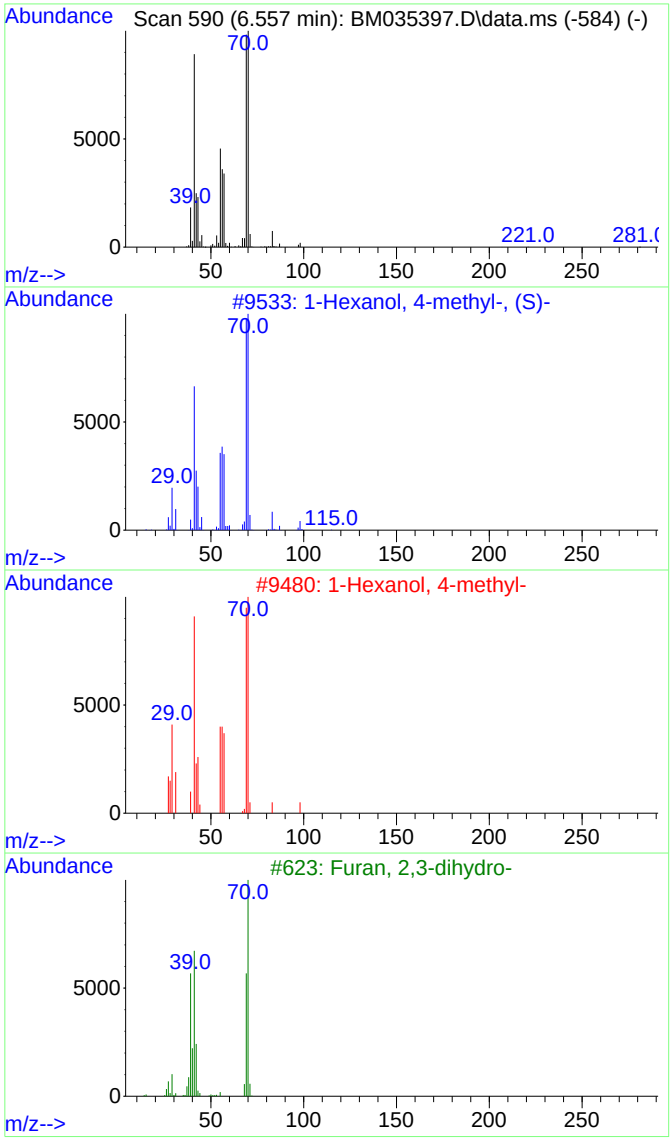
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

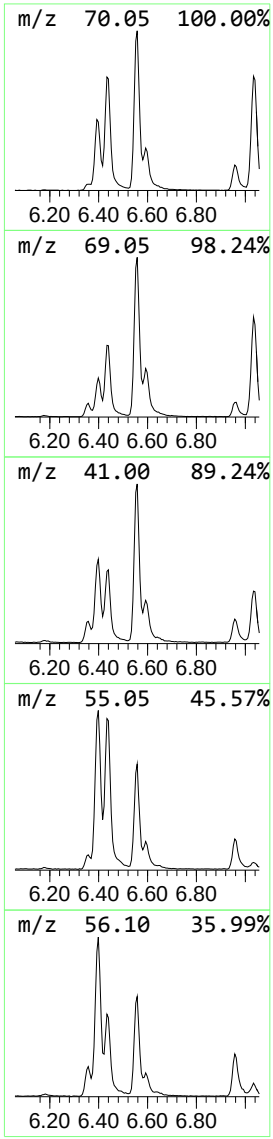
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Hexanol, 4-methyl-, (S)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	18.05 ng	792105	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 4-methyl-, (S)-	116	C7H16O	001767-46-0	78
2	1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	72
3	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	59
4	Methacrolein	70	C4H6O	000078-85-3	43
5	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	37





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Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

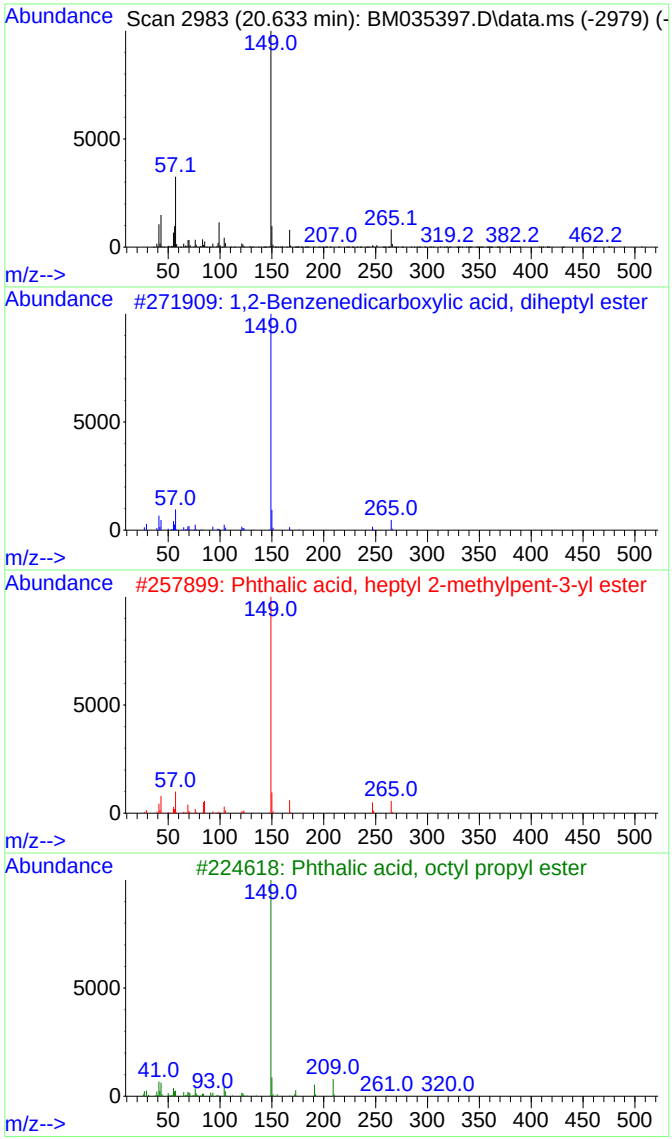
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

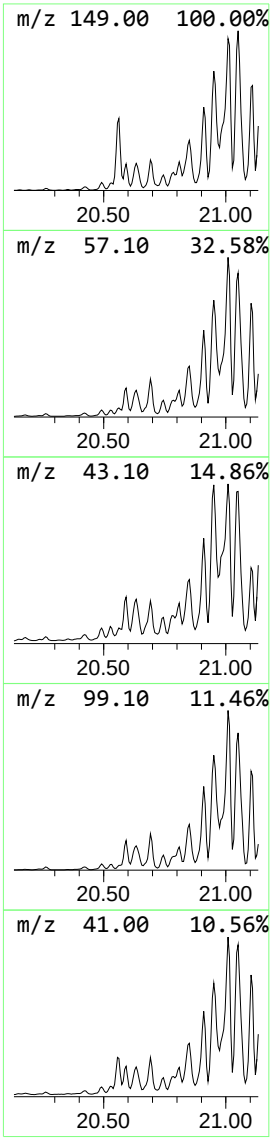
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,2-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.633	30.22 ng	3653210	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
2	Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	72
3	Phthalic acid, octyl propyl ester	320	C19H28O4	1000309-10-8	64
4	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	64
5	Phthalic acid, hept-4-yl isobuty...	320	C19H28O4	1000356-78-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

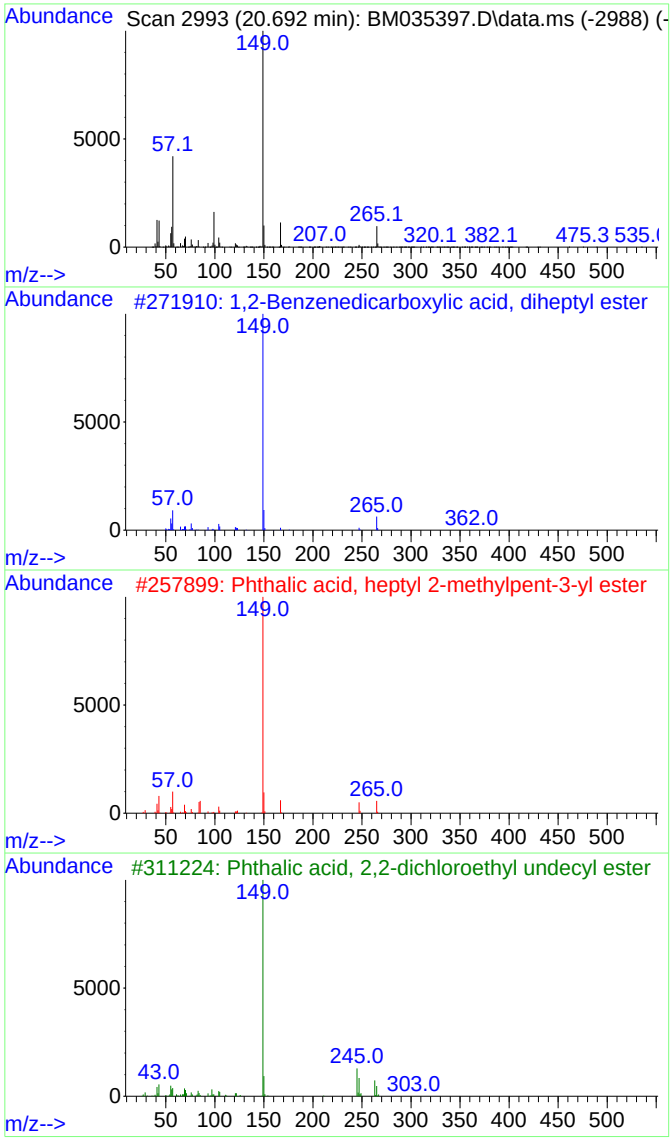
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

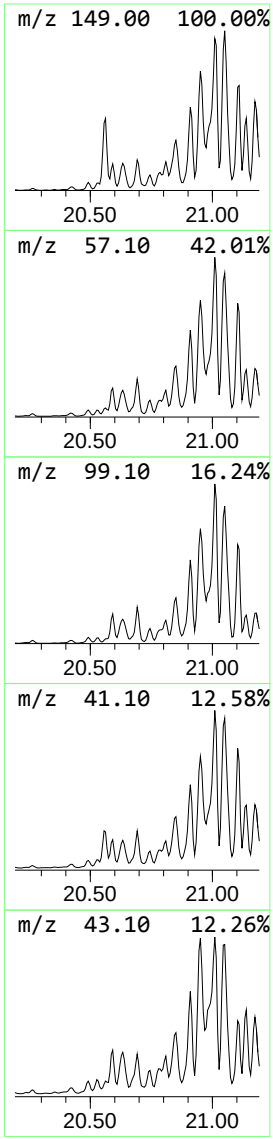
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phthalic acid, heptyl 2-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.692	29.70 ng	3590770	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
2	Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	78
3	Phthalic acid, 2,2-dichloroethyl...	416	C21H30Cl2O4	1000356-93-2	64
4	Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1010356-80-8	64
5	Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

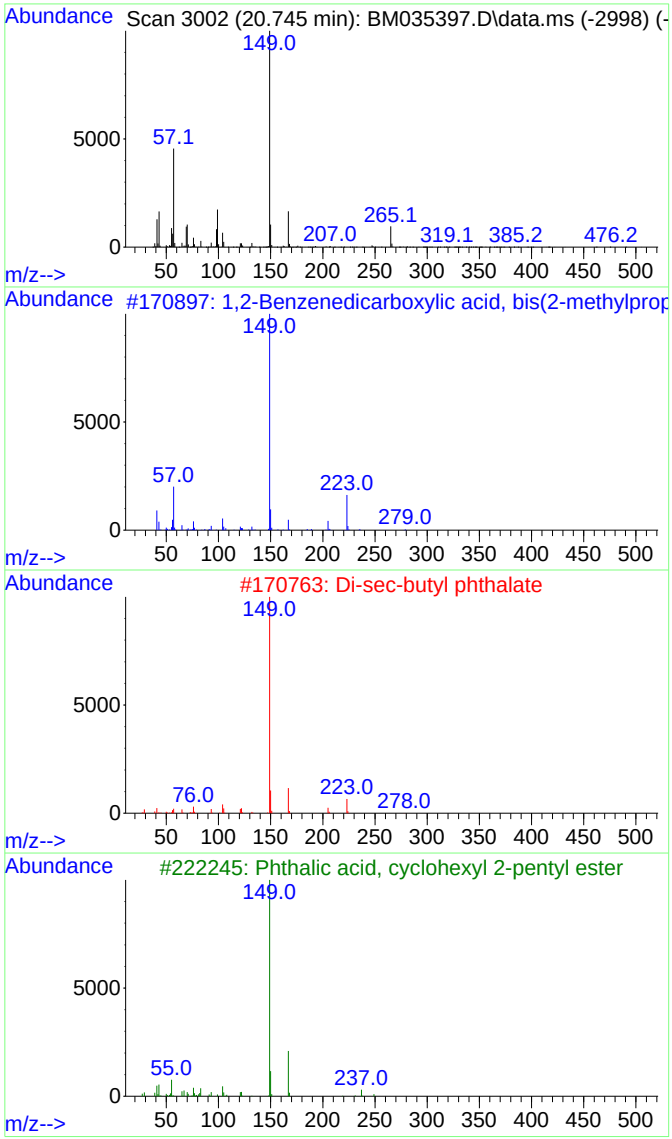
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

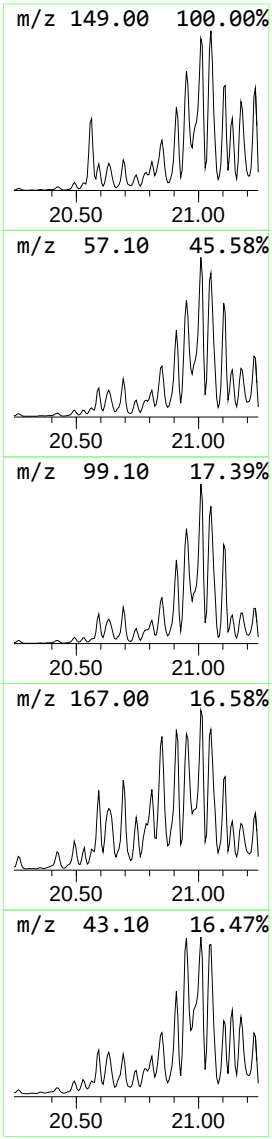
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	13.61 ng	1645080	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	70
2	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	64
3	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	64
4	Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	64
5	Phthalic acid, 2-ethylhexyl pent...	348	C21H32O4	1000309-01-3	59





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Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RCA-BACKFILL-MATERIAL

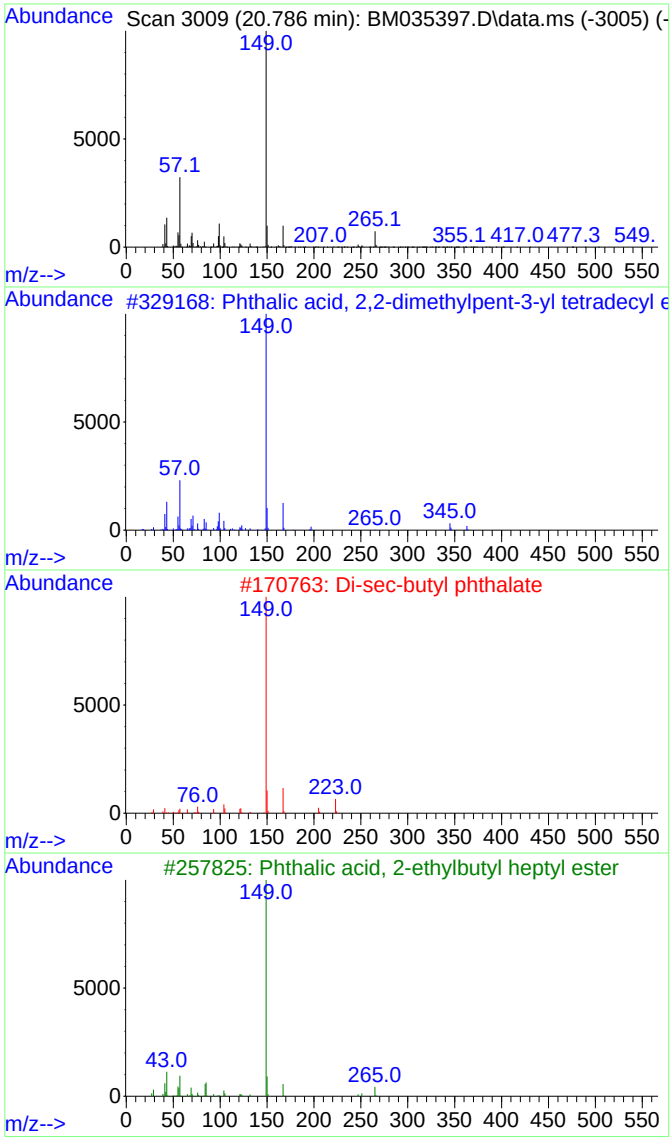
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

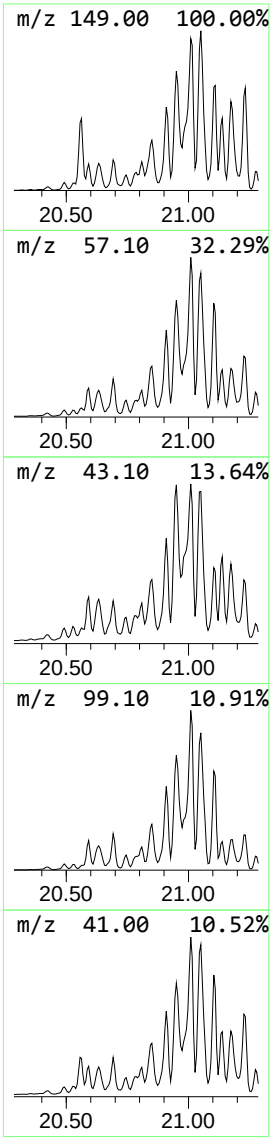
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phthalic acid, 2,2-dimethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	15.32 ng	1851800	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,2-dimethylpent-...	460	C29H48O4	1000415-53-7	86
2	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	81
3	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	80
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
5	Phthalic acid, 3,3-dimethylbut-2...	306	C18H26O4	1000357-00-1	72





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Sample : N3140-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RCA-BACKFILL-MATERIAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

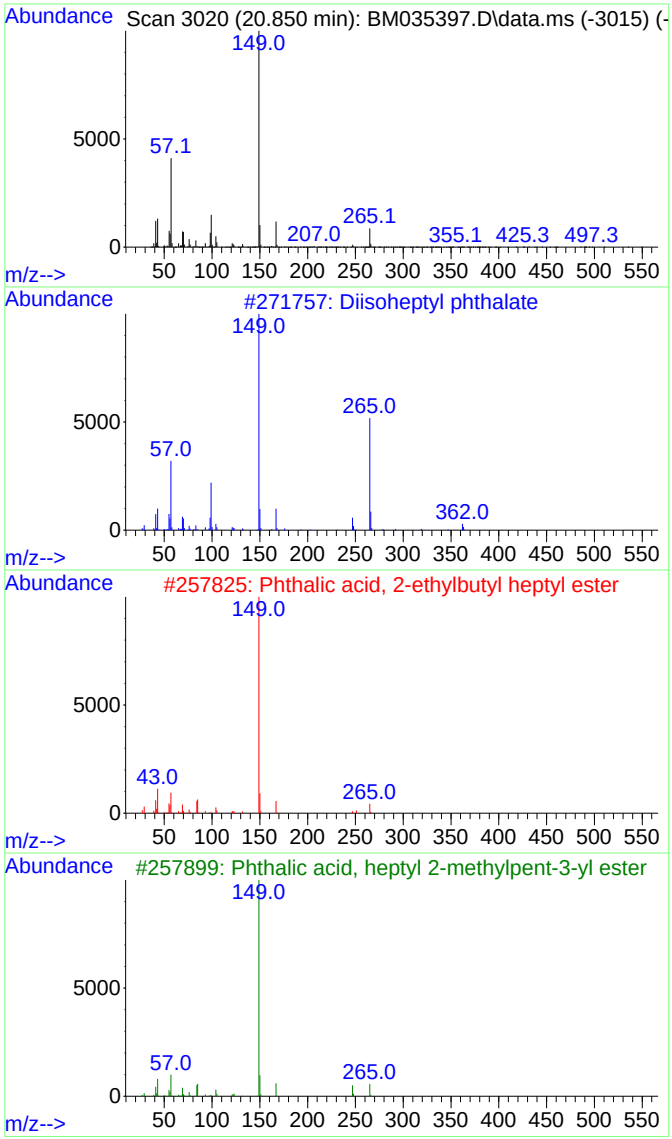
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

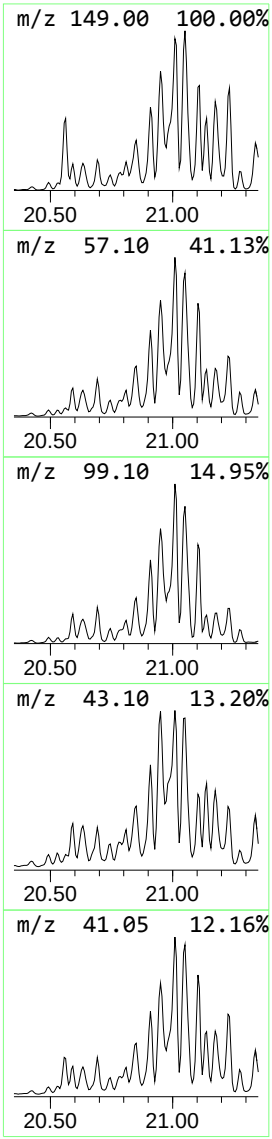
****

Peak Number 11 Diisoheptyl phthalate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.851	57.23 ng	6918370	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoheptyl phthalate	362	C22H34O4	090937-19-2	80
2	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	80
3	Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	72
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
5	Phthalic acid, cyclohexyl neopen...	318	C19H26O4	1000315-54-2	72





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ClientSampleId :
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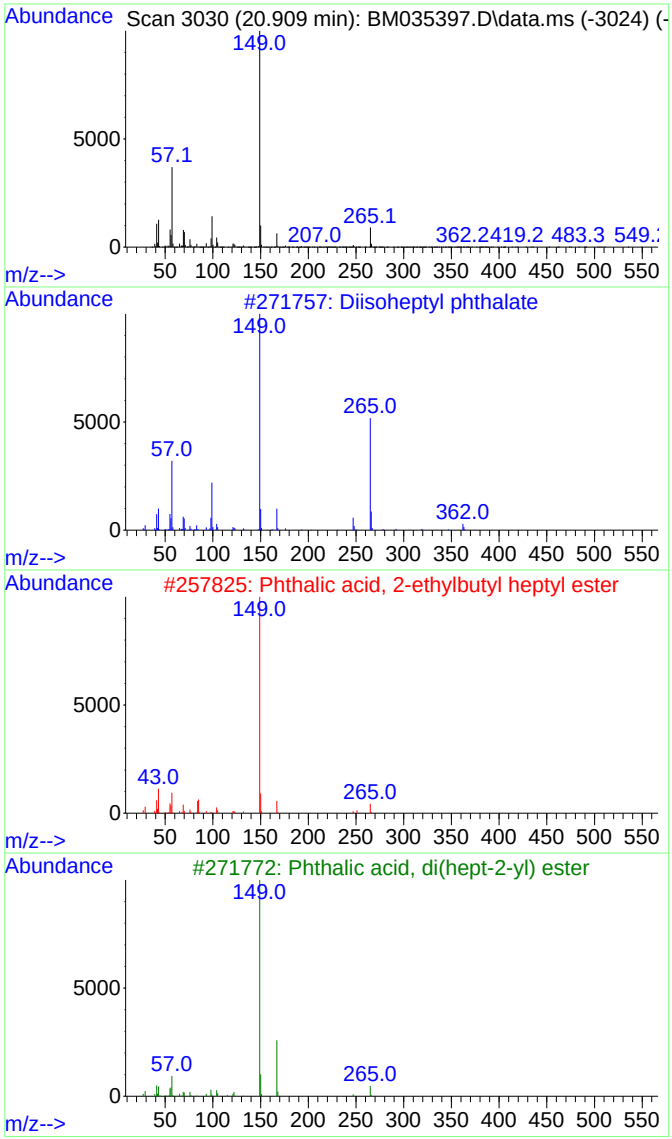
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

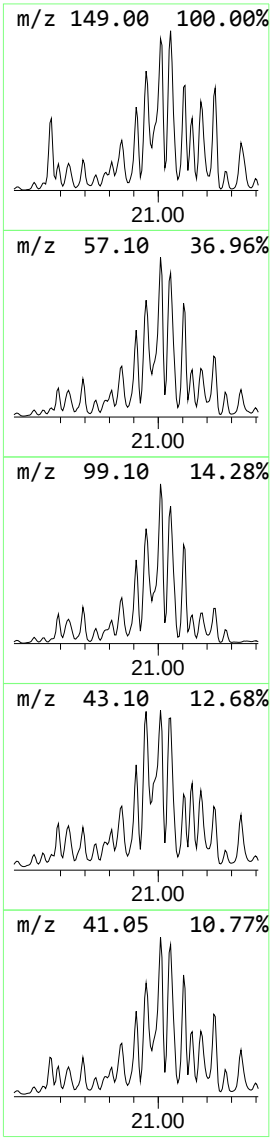
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phthalic acid, 2-ethylbutyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.909	78.13 ng	9444640	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoheptyl phthalate	362	C22H34O4	090937-19-2	81
2	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	80
3	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
5	Phthalic acid, heptyl 2-methylbu...	334	C20H30O4	1010322-81-5	64





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ClientSampleId :
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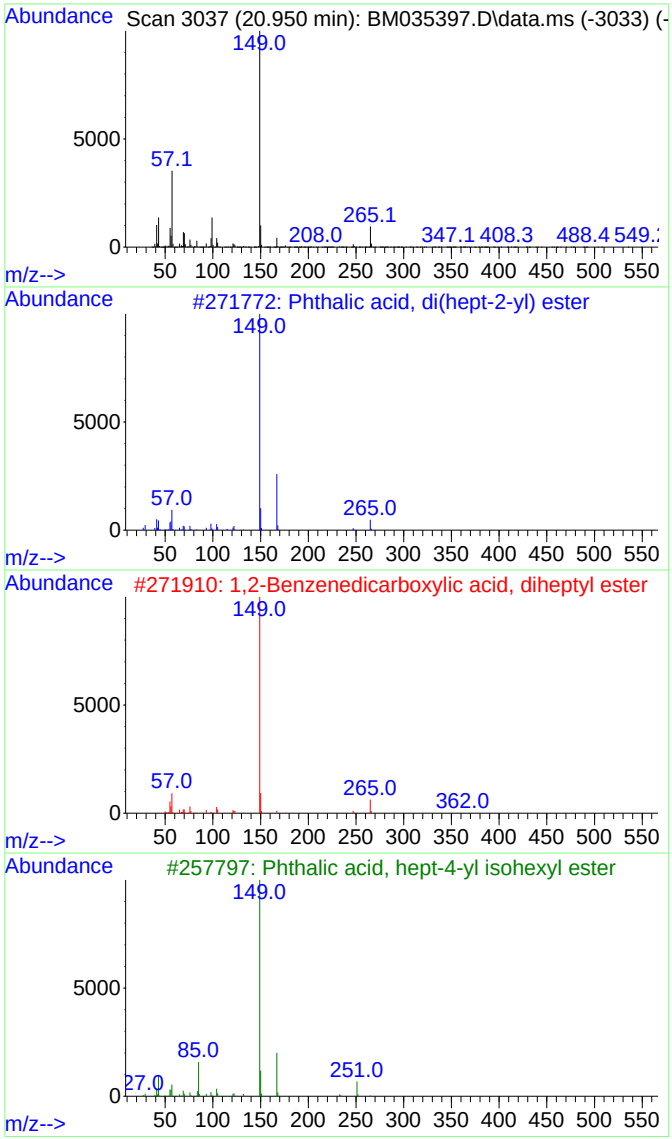
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

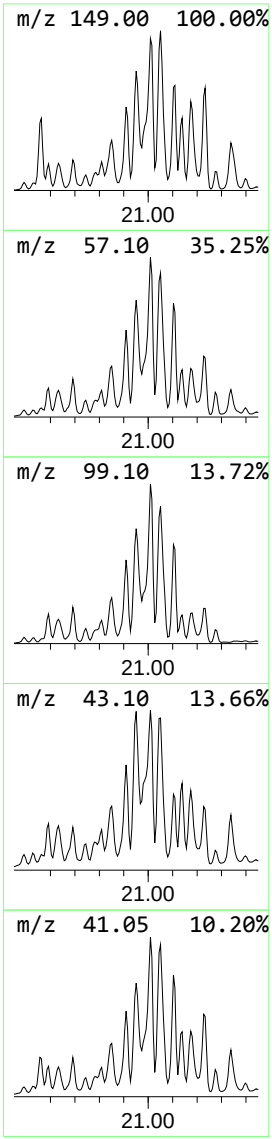
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phthalic acid, di(hept-2-yl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	131.11 ng	15848900	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
3	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	59
4	Phthalic acid, propyl nonyl ester	334	C20H30O4	1000309-06-4	59
5	Phthalic acid, 8-bromoctyl isobu...	412	C20H29BrO4	1000382-55-3	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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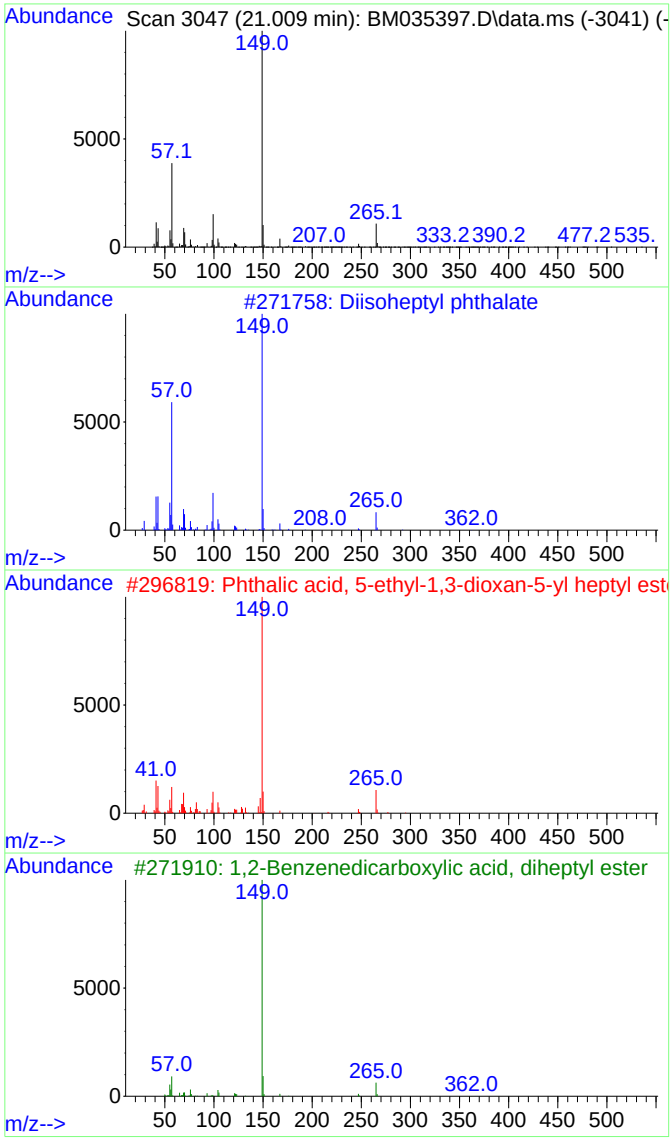
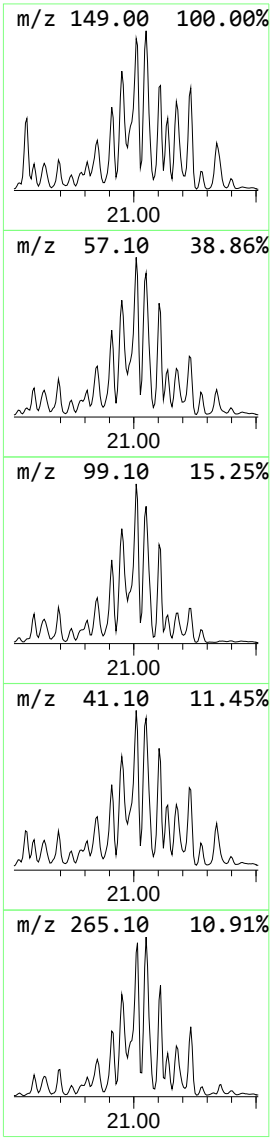
****
Peak Number 14 Phthalic acid, 5-ethyl-1,3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.009	179.65 ng	21716700	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoheptyl phthalate	362	C22H34O4	090937-19-2	87
2	Phthalic acid, 5-ethyl-1,3-dioxa...	392	C22H32O6	1000415-48-3	86
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
4	Phthalic acid, heptyl 4-methylhe...	376	C23H36O4	1000377-94-2	72
5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	72





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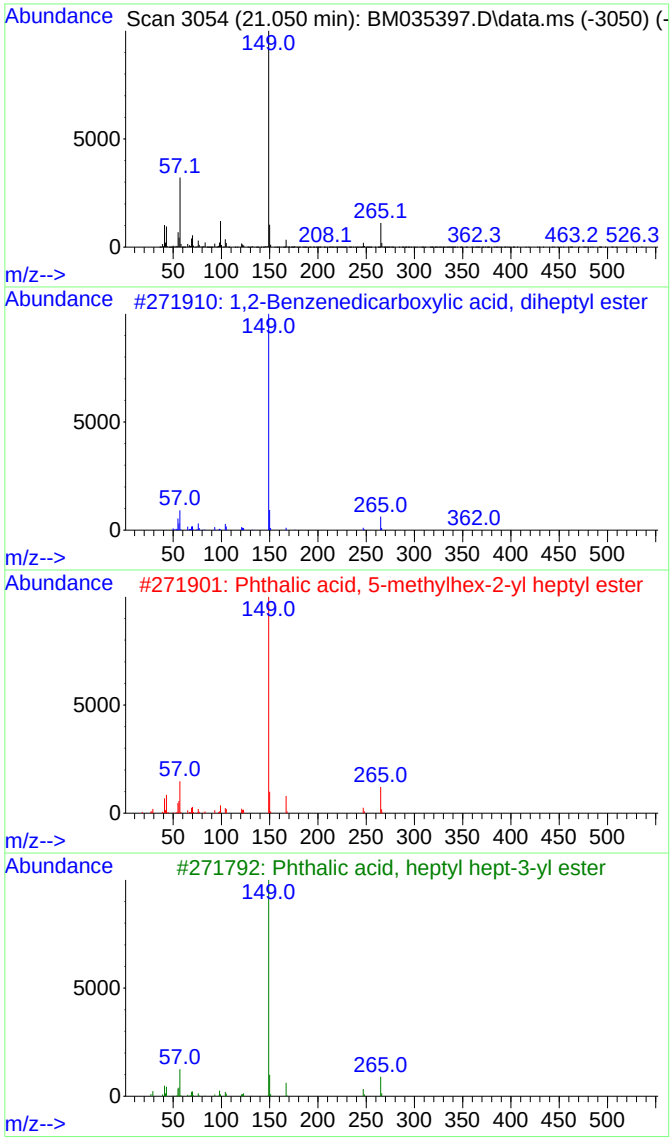
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

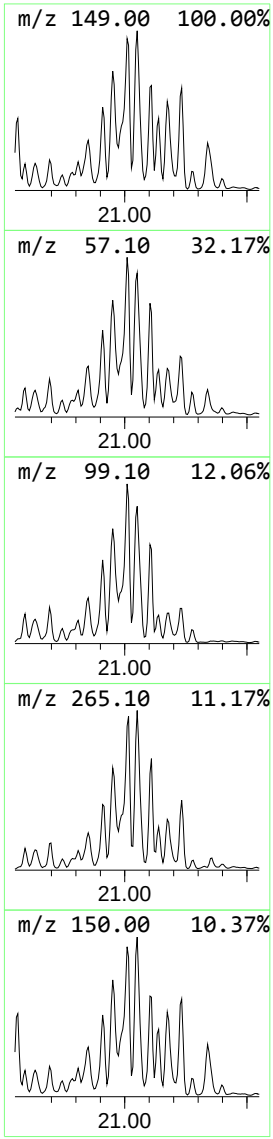
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phthalic acid, 5-methylhex-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	155.92 ng	18847900	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
2	Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	80
3	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80
4	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	80
5	Phthalic acid, butyl 2-ethylbuty...	306	C18H26O4	1000356-89-0	59





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Instrument :
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ClientSampleId :
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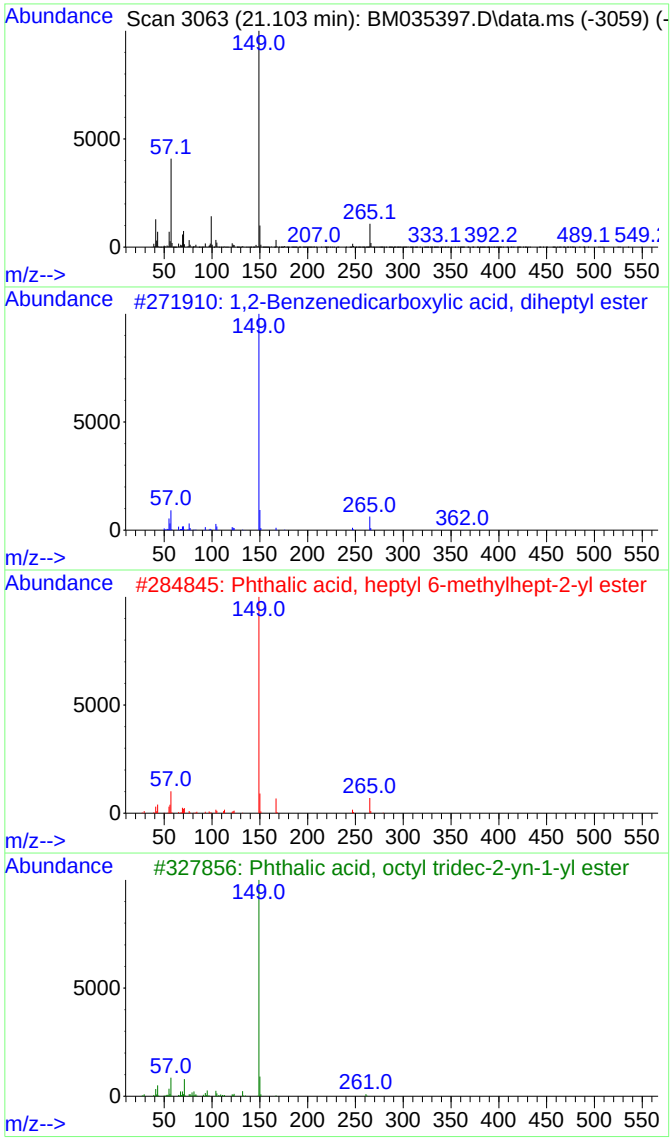
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

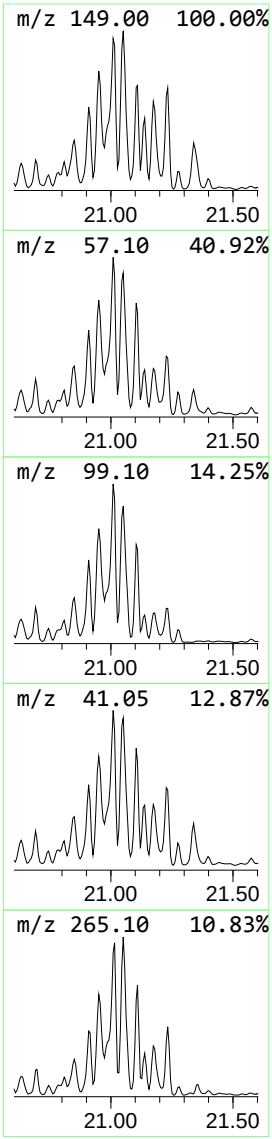
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phthalic acid, heptyl 6-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	84.13 ng	10169200	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
2	Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	72
3	Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	59
4	Phthalic acid, pentyl 2-pentyl e...	306	C18H26O4	1000315-47-7	58
5	Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	53





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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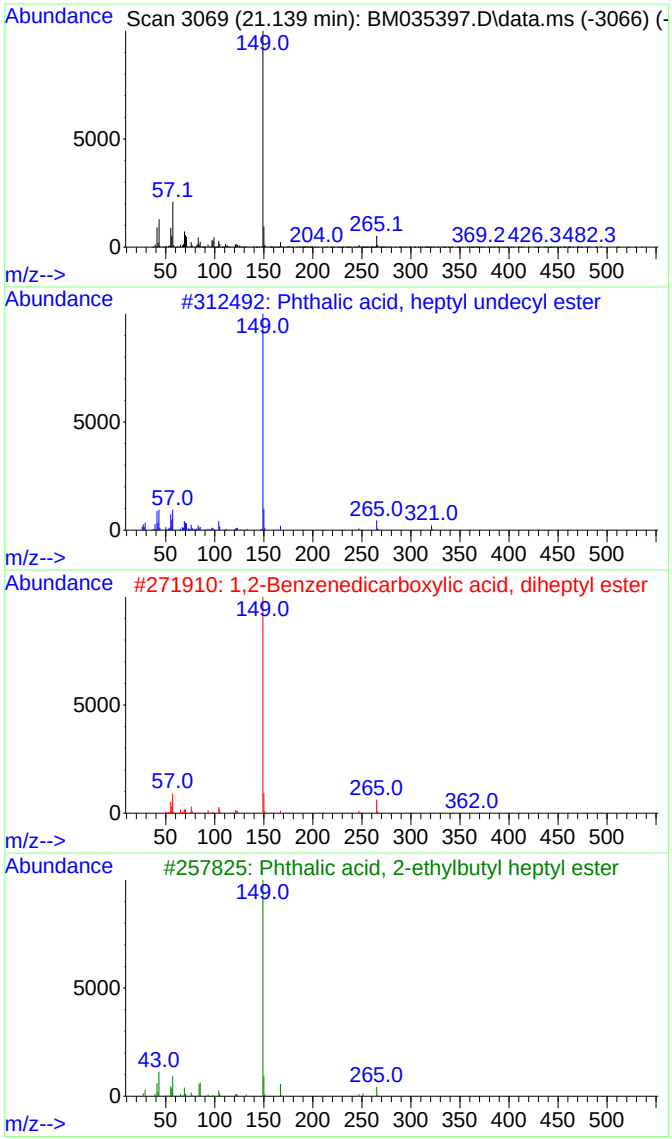
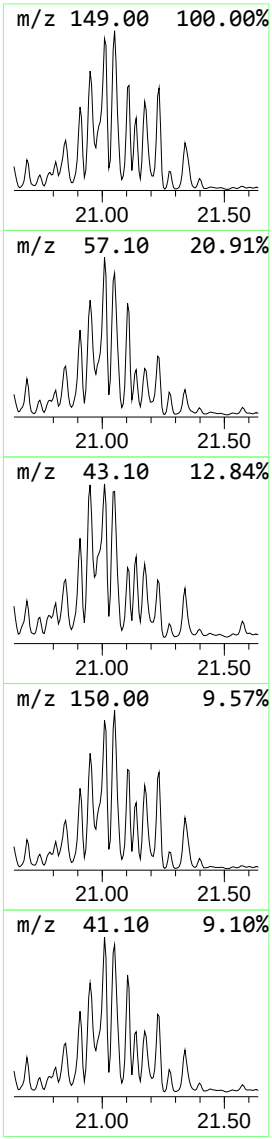
****
Peak Number 17 Phthalic acid, heptyl undec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	53.12 ng	6421430	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	86
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
3	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
4	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
5	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	80





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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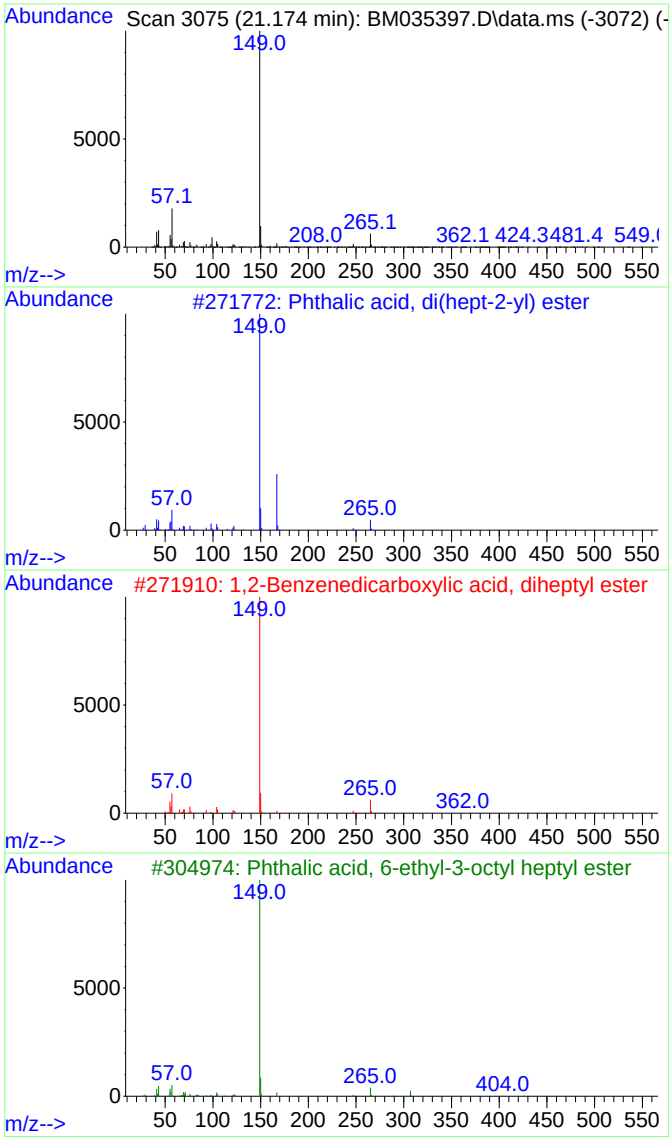
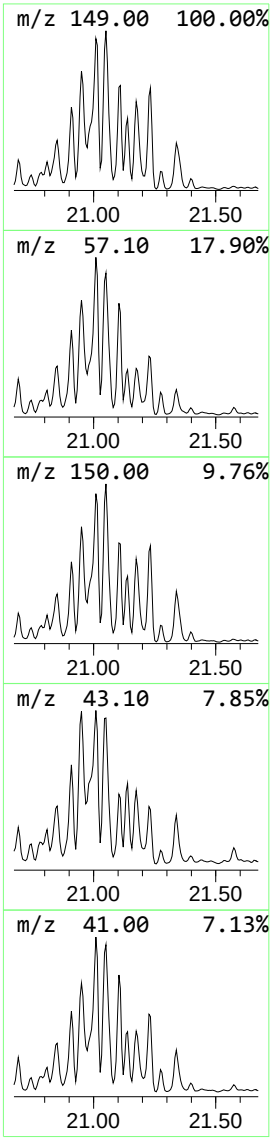
****
Peak Number 18 Phthalic acid, 6-ethyl-3-oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	70.56 ng	8529340	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	87
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	87
3	Phthalic acid, 6-ethyl-3-octyl h...	404	C25H40O4	1000315-17-7	86
4	Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1010356-80-8	80
5	Phthalic acid, di(hept-4-yl) ester	362	C22H34O4	1000356-80-0	72





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ClientSampleId :
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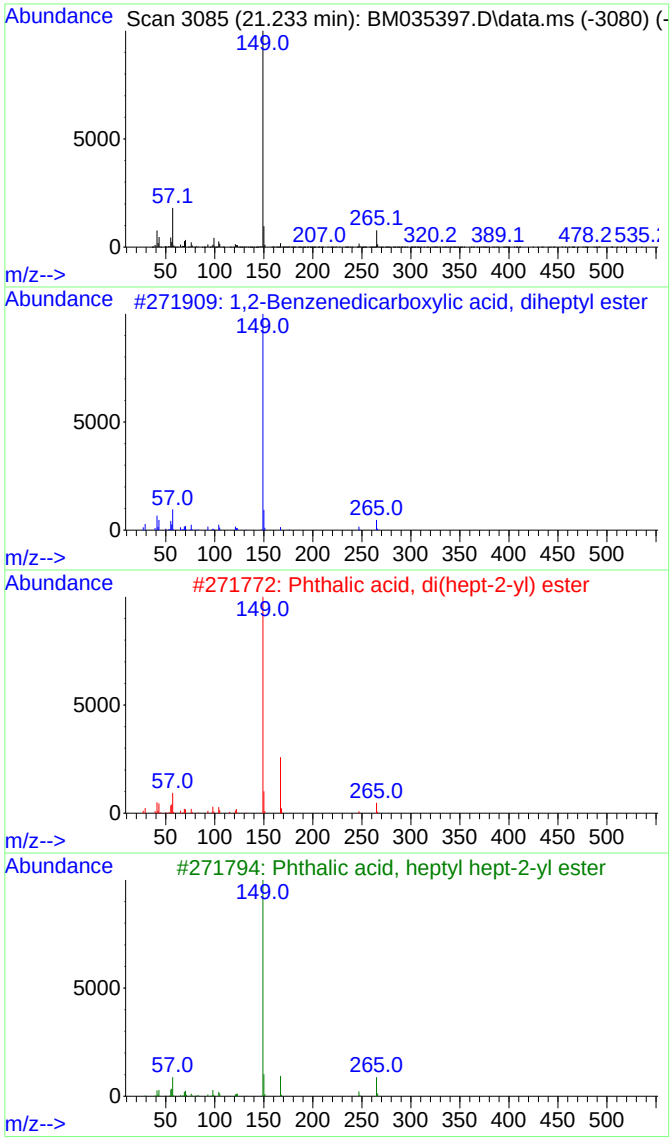
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

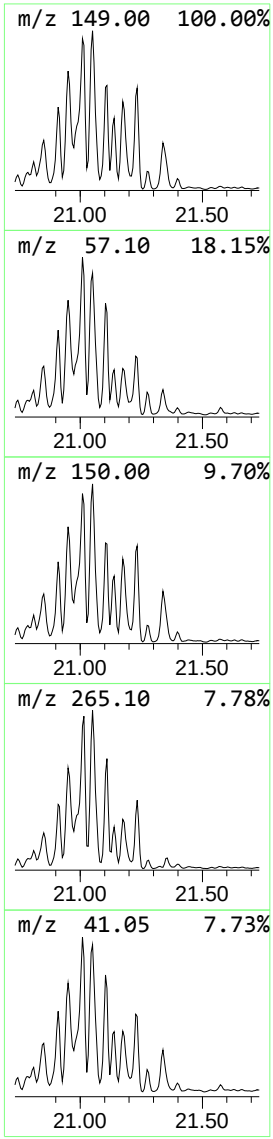
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phthalic acid, heptyl hept-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	69.20 ng	8364770	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	87
2	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	86
3	Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	86
4	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	86
5	Phthalic acid, heptyl tridec-2-y...	442	C28H42O4	1000315-44-0	72





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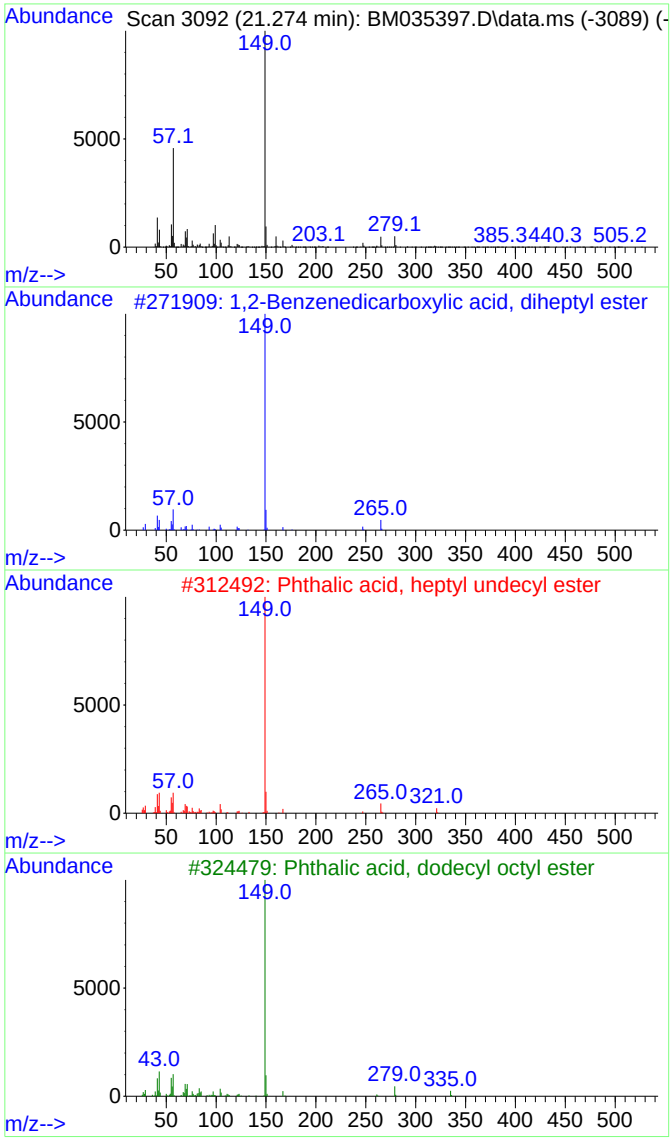
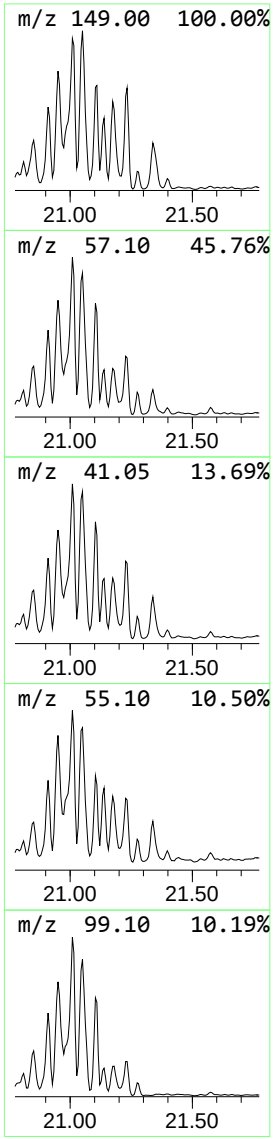
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phthalic acid, dodecyl octy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	14.97 ng	1809870	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64
2	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	64
3	Phthalic acid, dodecyl octyl ester	446	C28H46O4	1010308-91-7	64
4	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	64
5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035397.D
Acq On : 03 Jun 2022 16:19
Operator : CG/JU
Sample : N3140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.363	22.4	ng	982066	1	7.845	877620	20.0
2-Pentanone, 4-...	4.969	52.9	ng	2321590	1	7.845	877620	20.0
1-Heptene, 3-me...	6.398	14.8	ng	648152	1	7.845	877620	20.0
2-Octene, 3,7-d...	6.434	15.6	ng	682498	1	7.845	877620	20.0
1-Hexanol, 4-me...	6.557	18.1	ng	792105	1	7.845	877620	20.0
1,2-Benzenedica...	20.633	30.2	ng	3653210	5	21.421	2417630	20.0
Phthalic acid, ...	20.692	29.7	ng	3590770	5	21.421	2417630	20.0
1,2-Benzenedica...	20.745	13.6	ng	1645080	5	21.421	2417630	20.0
Phthalic acid, ...	20.786	15.3	ng	1851800	5	21.421	2417630	20.0
Diisoheptyl pht...	20.851	57.2	ng	6918370	5	21.421	2417630	20.0
Phthalic acid, ...	20.909	78.1	ng	9444640	5	21.421	2417630	20.0
Phthalic acid, ...	20.951	131.1	ng	15848900	5	21.421	2417630	20.0
Phthalic acid, ...	21.009	179.7	ng	21716700	5	21.421	2417630	20.0
Phthalic acid, ...	21.051	155.9	ng	18847900	5	21.421	2417630	20.0
Phthalic acid, ...	21.103	84.1	ng	10169200	5	21.421	2417630	20.0
Phthalic acid, ...	21.139	53.1	ng	6421430	5	21.421	2417630	20.0
Phthalic acid, ...	21.174	70.6	ng	8529340	5	21.421	2417630	20.0
Phthalic acid, ...	21.233	69.2	ng	8364770	5	21.421	2417630	20.0
Phthalic acid, ...	21.274	15.0	ng	1809870	5	21.421	2417630	20.0