LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

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_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	66	70	75	rVB	230694	284033	1.14%	0.214%
2	4.266	222	226	230	rVB	321327	407229	1.63%	0.307%
3	4.654	287	292	297	rBV	385941	492100	1.97%	0.371%
4	4.807	313	318	326	rBV2	187240	301953	1.21%	0.227%
5	5.096	361	367	374	rVB	4232364	5681605	22.73%	4.278%
6	5.984	512	518	529	rVB4	119923	320597	1.28%	0.241%
7	6.631	621	628	640	rBV	2319703	3829773	15.32%	2.884%
8	6.854	660	666	674	rVB4	139188	294748	1.18%	0.222%
9	7.437	760	765	770	rBV	1664722	2439206	9.76%	1.837%
10	7.495	770	775	783	rVB4	108871	258993	1.04%	0.195%
11	7.931	843	849	854	rBV	722408	1125862	4.50%	0.848%
12	8.078	866	874	878	rBV2	758248	1236658	4.95%	0.931%
13	8.125	878	882	890	rVB3	370082	633541	2.53%	0.477%
14	8.448	931	937	945	rBV2	285796	575787	2.30%	0.434%
15	8.566	945	957	968	rBV	4367777	8592234	34.37%	6.470%
16	8.690	973	978	985	rVV	258936	493748	1.97%	0.372%
17	8.766	985	991	998	rVB3	223731	517563	2.07%	0.390%
18	8.866	998	1008	1014	rBV	201519	404024	1.62%	0.304%
19	9.042	1027	1038	1047	rBV	787424	1363537	5.45%	1.027%
20	9.125	1047	1052	1059	rVV5	153196	282498	1.13%	0.213%
21	9.213	1059	1067	1075	rVB4	281370	641421	2.57%	0.483%
22	9.401	1094	1099	1108	rBV	394395	744172	2.98%	0.560%
23	9.484	1108	1113	1118	rVB2	379792	588408	2.35%	0.443%
24	9.913	1180	1186	1191	rVB3	153277	321409	1.29%	0.242%
25	10.054	1204	1210	1216	rVV6	114038	349608	1.40%	0.263%
26	10.107	1216	1219	1225	rVV4	138580	263106	1.05%	0.198%
27	10.178	1225	1231	1237	rVV	2146827	3540744	14.16%	2.666%
28	10.242	1237	1242	1249	rVV3	324243	645551	2.58%	0.486%
29	10.601	1299	1303	1314	rVB6	167906	485070	1.94%	0.365%
30	10.766	1325	1331	1336	rBV2	304933	539620	2.16%	0.406%
31	11.001	1367	1371	1380	rVB2	179372	366343	1.47%	0.276%
32	11.742	1489	1497	1506	rVB4	150382	380824	1.52%	0.287%
33	11.866	1513	1518	1526	rBV	221814	546660	2.19%	0.412%
34	12.136	1560	1564	1573	rVB3	185704	385324	1.54%	0.290%
35	12.683	1651	1657	1663	rBV	13041360	16993543	67.97%	12.796%
36	13.025	1710	1715	1720	rBV3	331059	492652	1.97%	0.371%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

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_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.201	1741	1745	1754	rVB3	206631	341149	1.36%	0.257%
38	13.325	1754	1766	1771	rBV	1406576	3808630	15.23%	2.868%
39	13.383	1771	1776	1783	rVB6	243889	589970	2.36%	0.444%
40	13.472	1788	1791	1798	rVV2	254537	452486	1.81%	0.341%
41	13.566	1802	1807	1815	rVV3	276500	567424	2.27%	0.427%
42	13.730	1829	1835	1843	rVV	993486	1527208	6.11%	1.150%
43	13.795	1843	1846	1850	rVV3	185350	259450	1.04%	0.195%
44	13.913	1861	1866	1873	rVB3	242163	445750	1.78%	0.336%
45	14.030	1882	1886	1889	rBV3	185299	252192	1.01%	0.190%
46	14.083	1889	1895	1905	rVV	3054468	4267854	17.07%	3.214%
47	14.254	1920	1924	1930	rBV2	439369	755207	3.02%	0.569%
48	14.501	1962	1966	1973	rBV	405121	785852	3.14%	0.592%
49	14.719	1996	2003	2007	rBV5	204360	464601	1.86%	0.350%
50	14.772	2007	2012	2017	rVB	524485	847168	3.39%	0.638%
51	15.224	2085	2089	2096	rBV2	257533	529365	2.12%	0.399%
52	15.483	2128	2133	2142	rVB3	512409	939509	3.76%	0.707%
53	15.607	2148	2154	2161	rVB	10404675	13152004	52.61%	9.904%
54	16.336	2272	2278	2284	rBV3	284084	510227	2.04%	0.384%
55	16.419	2288	2292	2299	rVV	447458	546058	2.18%	0.411%
56	16.907	2369	2375	2381	rVB	3633374	4812638	19.25%	3.624%
57	17.718	2509	2513	2517	rBV2	158808	259064	1.04%	0.195%
58	17.883	2532	2541	2548	rBV2	741441	1263301	5.05%	0.951%
59	19.236	2766	2771	2778	rBV	372918	533954	2.14%	0.402%
60	19.660	2837	2843	2857	rBV	18290553	25000695	100.00%	18.826%
61	20.895	3049	3053	3059	rBV	317596	395703	1.58%	0.298%
62	21.324	3120	3126	3143	rBV	3968149	6084900	24.34%	4.582%
63	24.471	3651	3661	3672	rVB	2501884	6586089	26.34%	4.959%

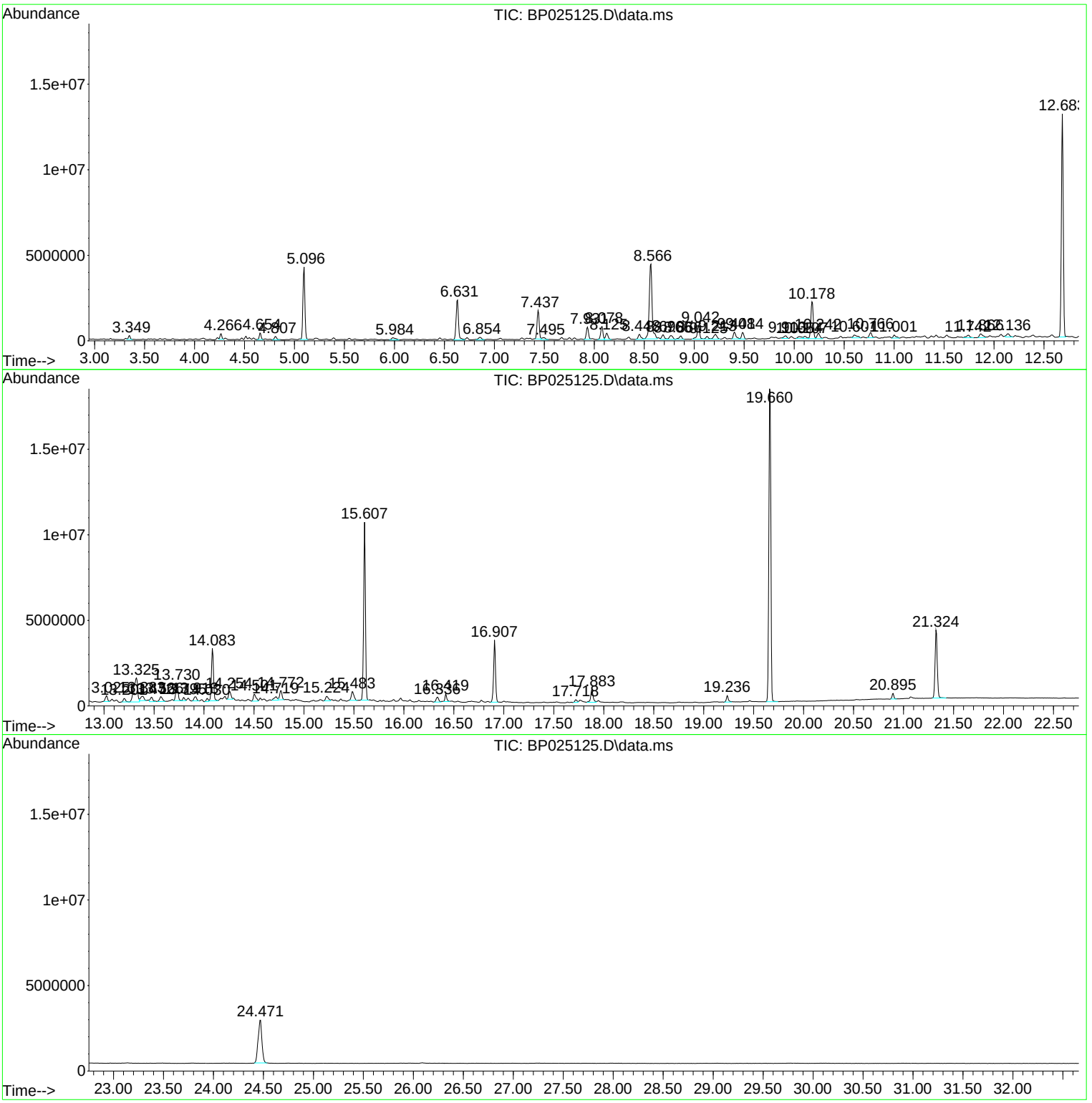
Sum of corrected areas: 132798592

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

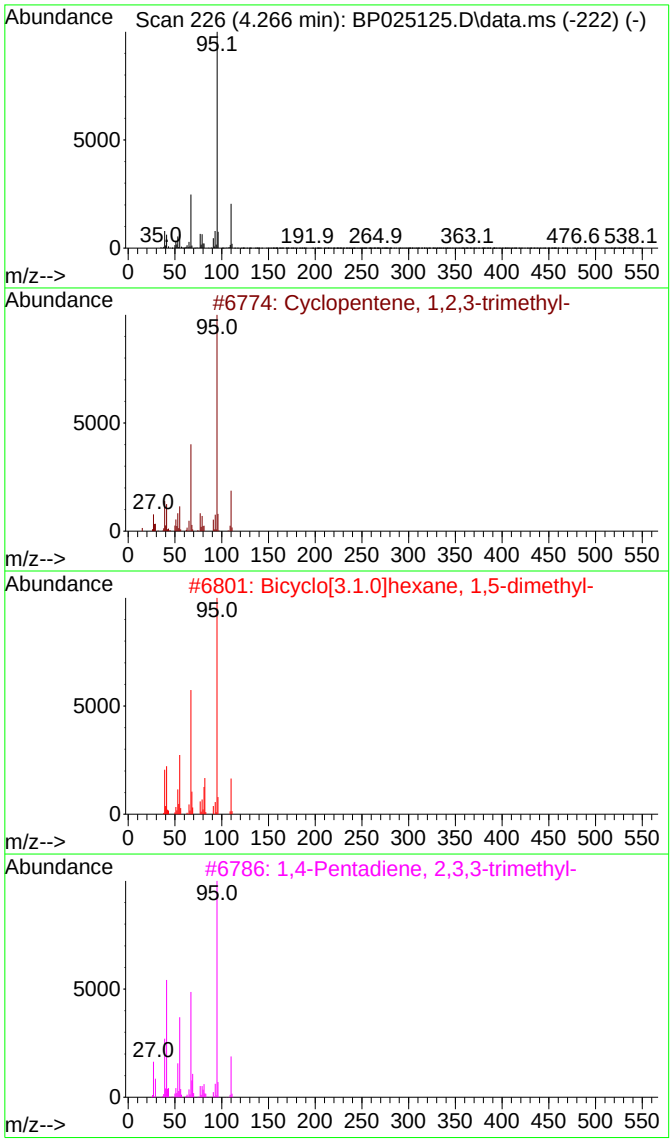
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

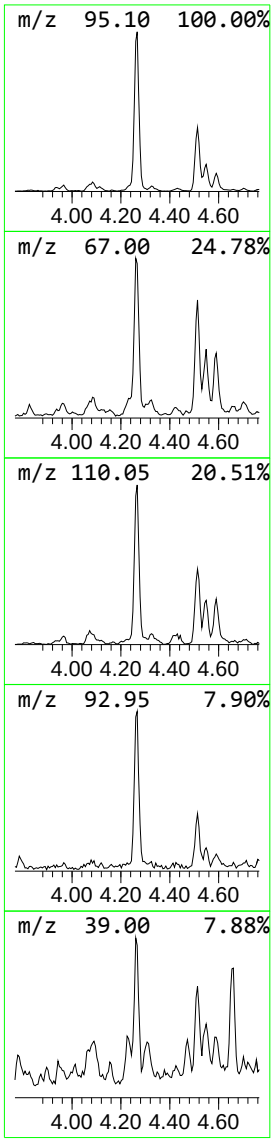
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.266	3.34 ng	407229	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

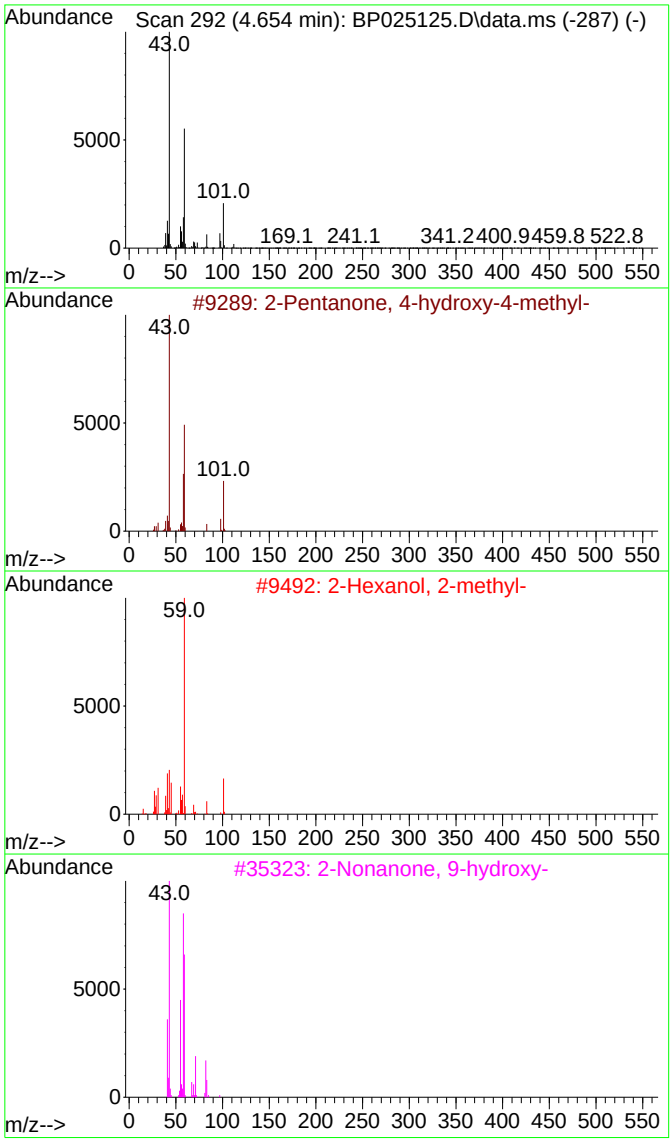
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

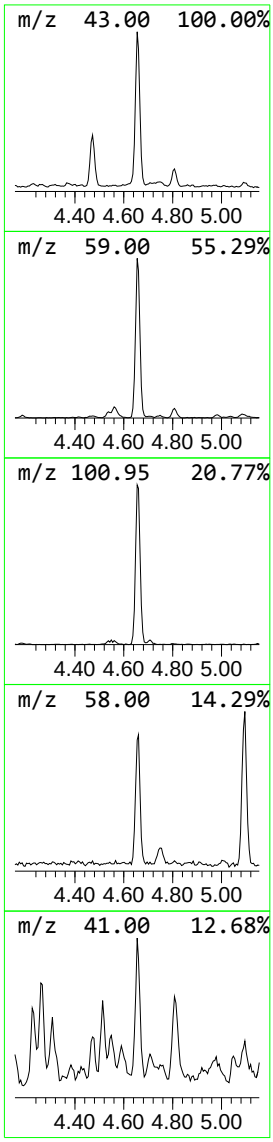
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.654	4.03 ng	492100	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

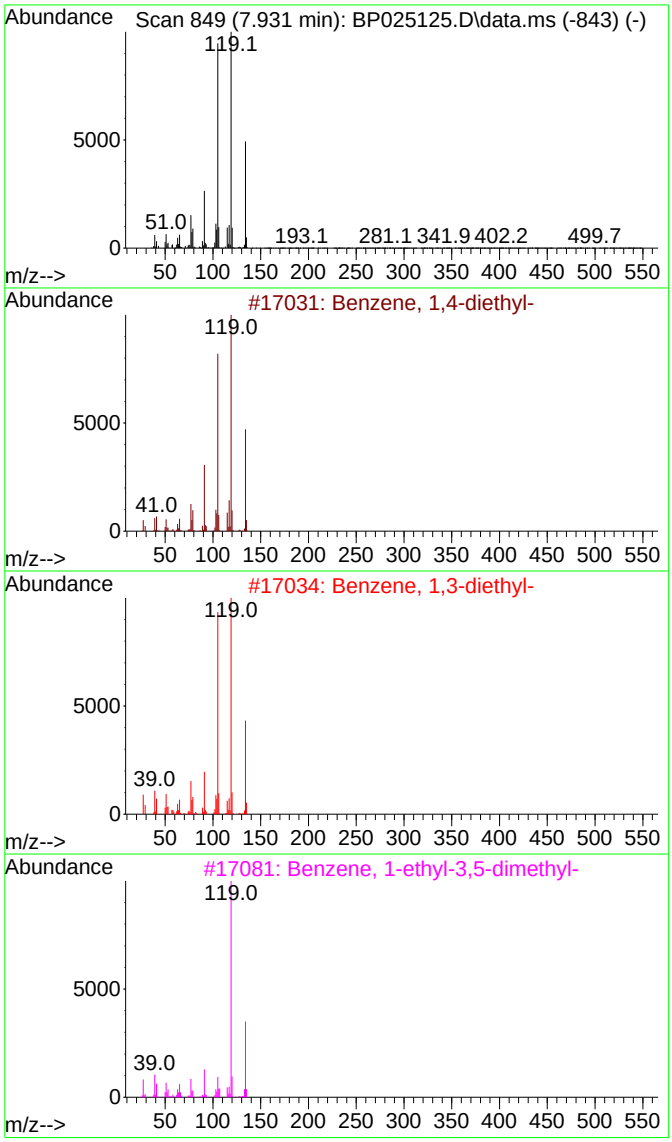
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

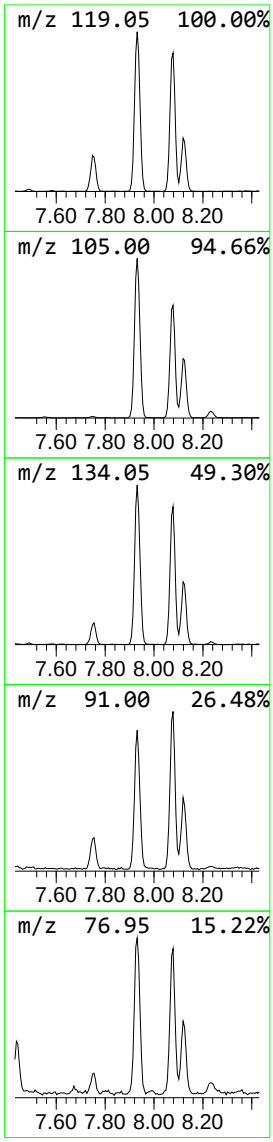
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.931	9.23 ng	1125860	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

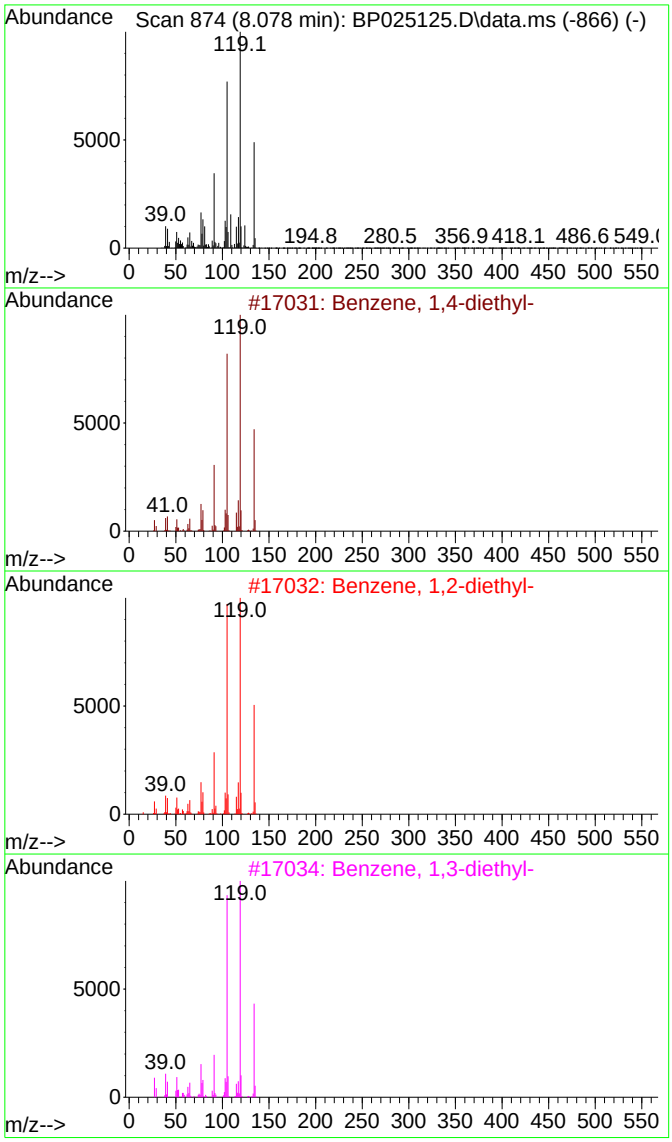
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

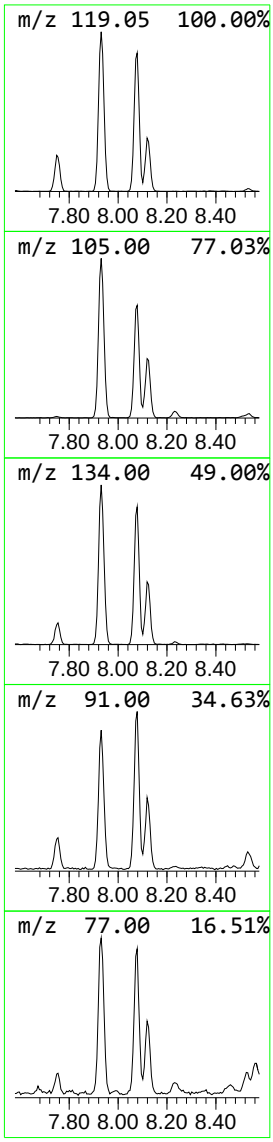
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.078	10.14 ng	1236660	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

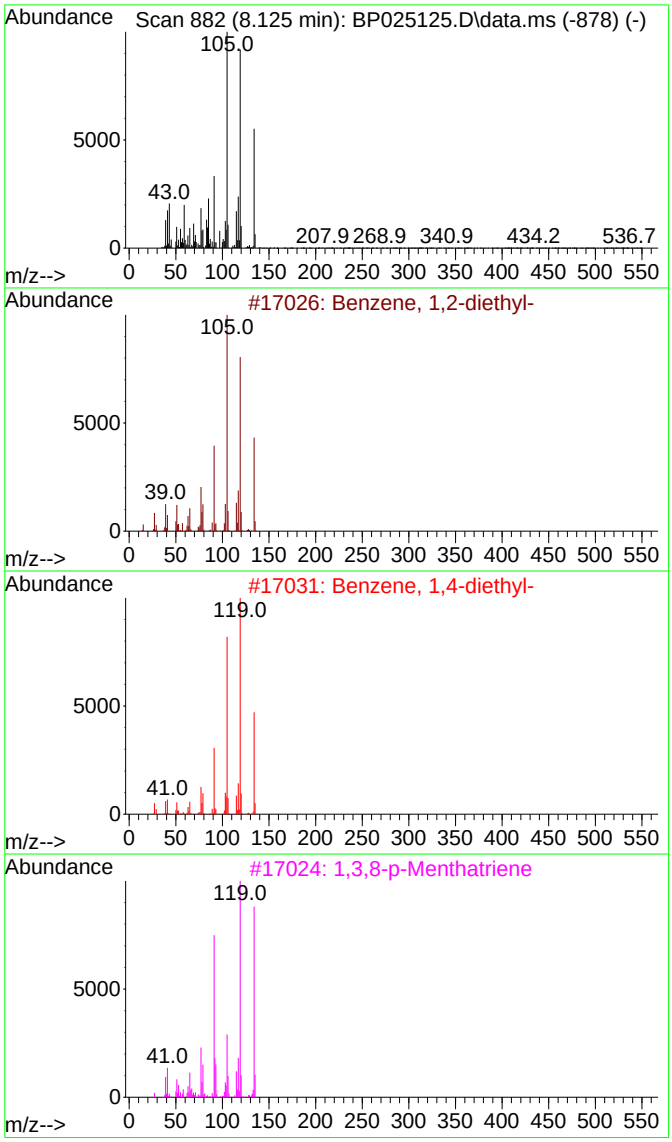
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

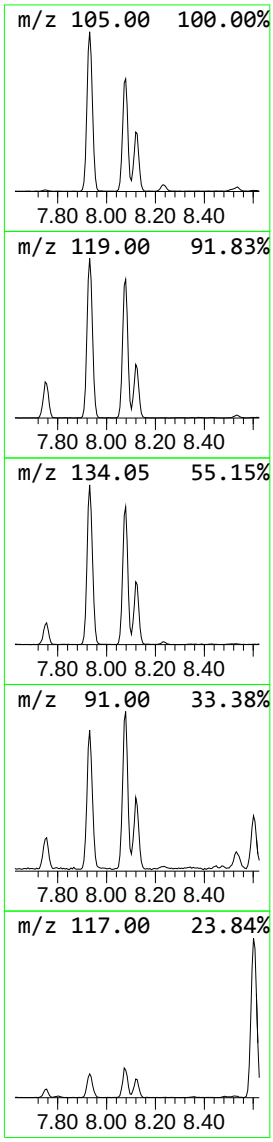
****

Peak Number 5 1,3,8-p-Menthatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.125	5.19 ng	633541	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

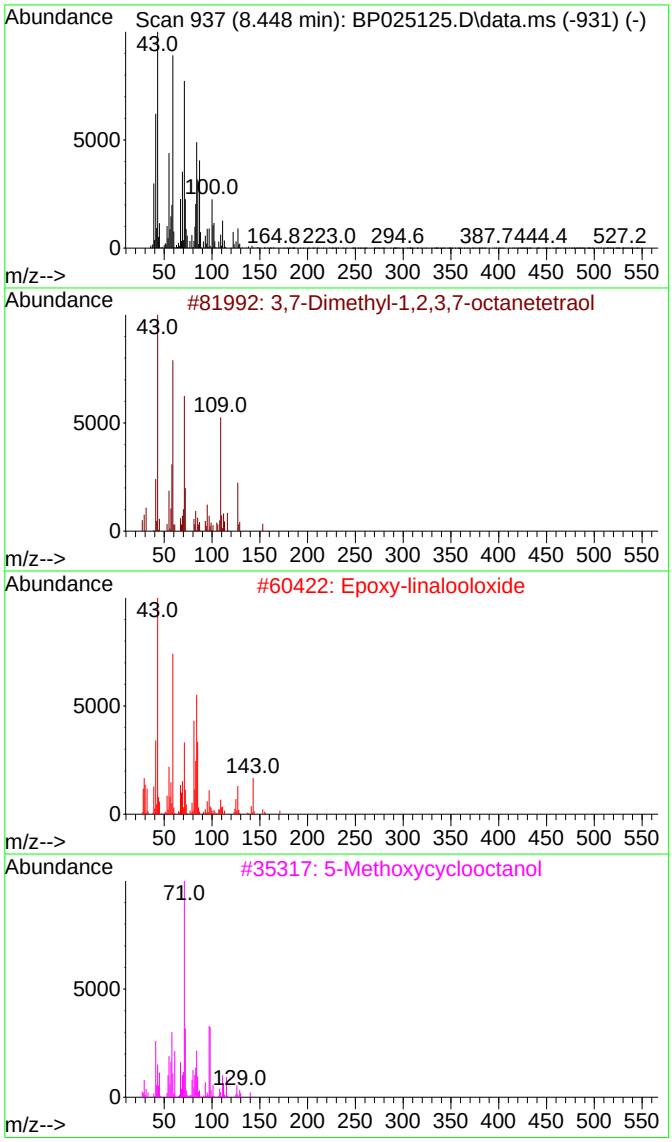
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

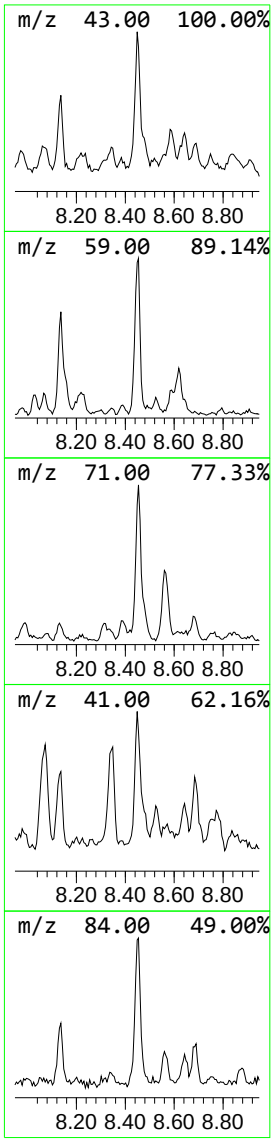
****

Peak Number 6 unknown8.448 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.448	4.72 ng	575787	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-1,2,3,7-octanetetraol	206	C10H22O4	1000432-20-2	43
2	Epoxy-linalooloxide	186	C10H18O3	1000007-96-5	38
3	5-Methoxycyclooctanol	158	C9H18O2	344325-93-5	27
4	1,3-Propanediol, 2,2-diethyl-	132	C7H16O2	000115-76-4	27
5	Methyl 3-butenoate	100	C5H8O2	003724-55-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

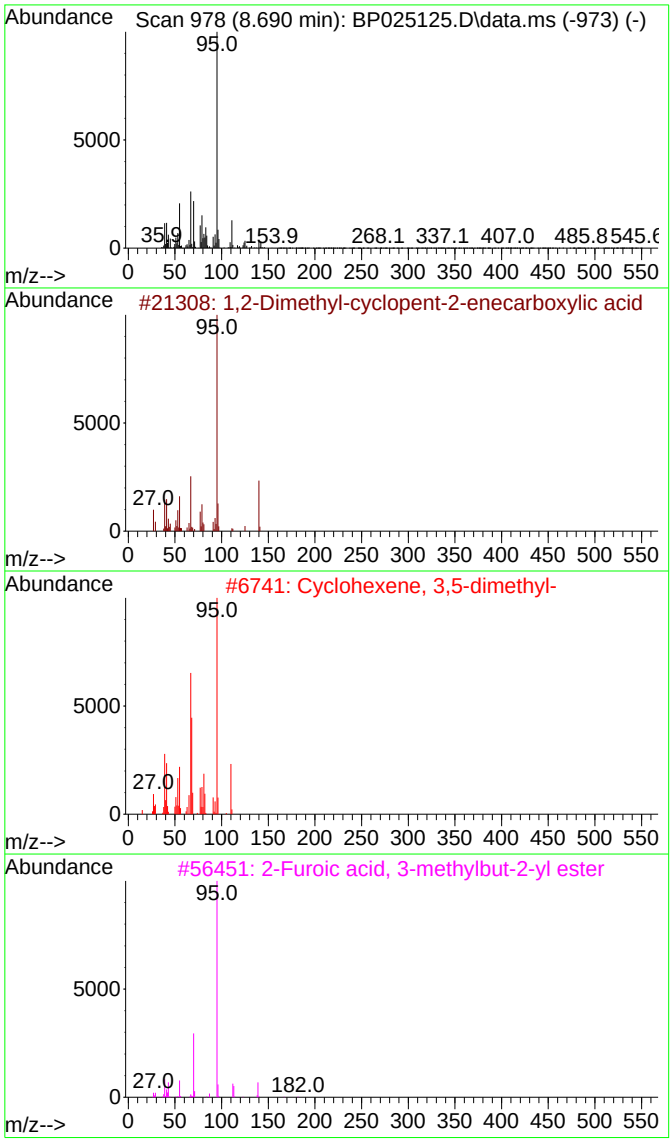
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

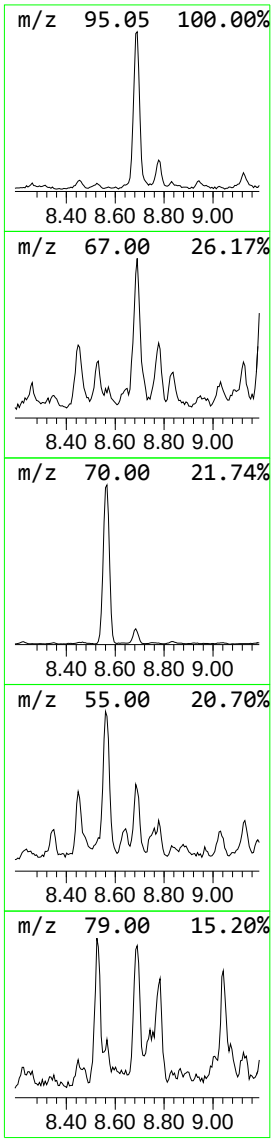
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,2-Dimethyl-cyclopent-2-en... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	4.05 ng	493748	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-cyclopent-2-enecarb...	140	C8H12O2	1000190-58-1	53
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
3	2-Furoic acid, 3-methylbut-2-yl ...	182	C10H14O3	1000355-16-8	47
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	47
5	4(1H)-Pyridone	95	C5H5NO	000108-96-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

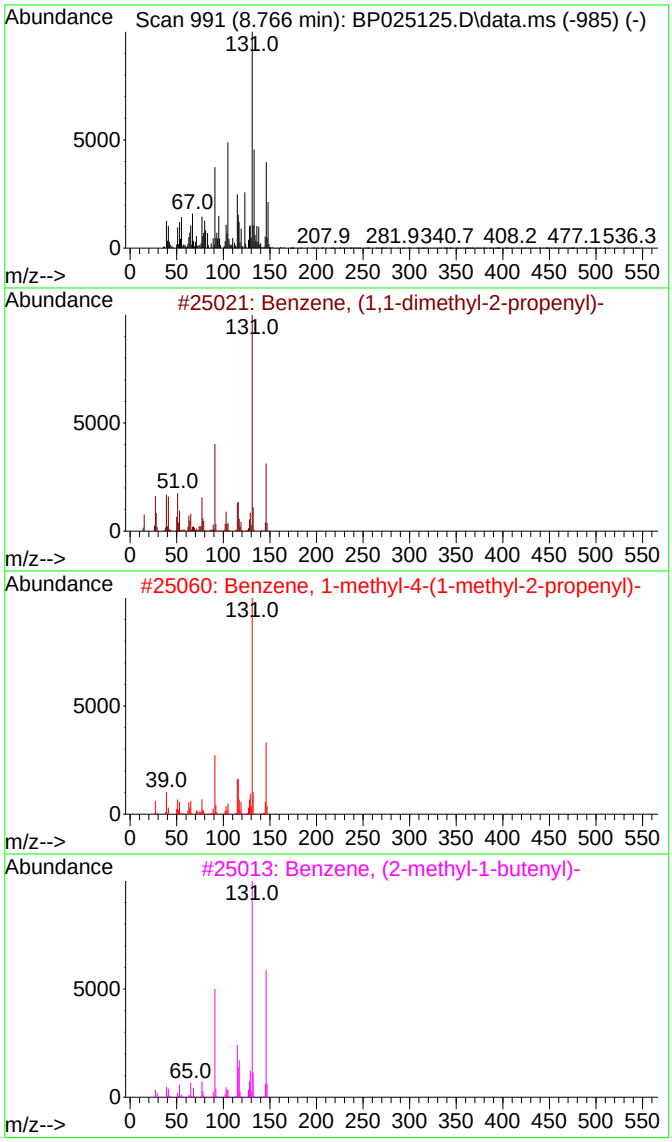
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

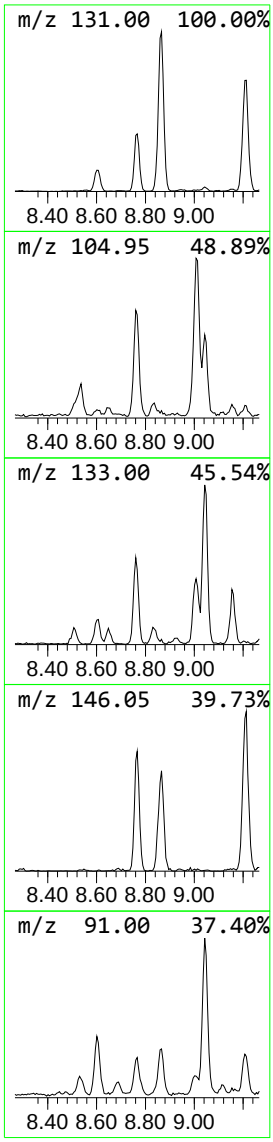
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,1-dimethyl-2-pr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.766	4.24 ng	517563	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

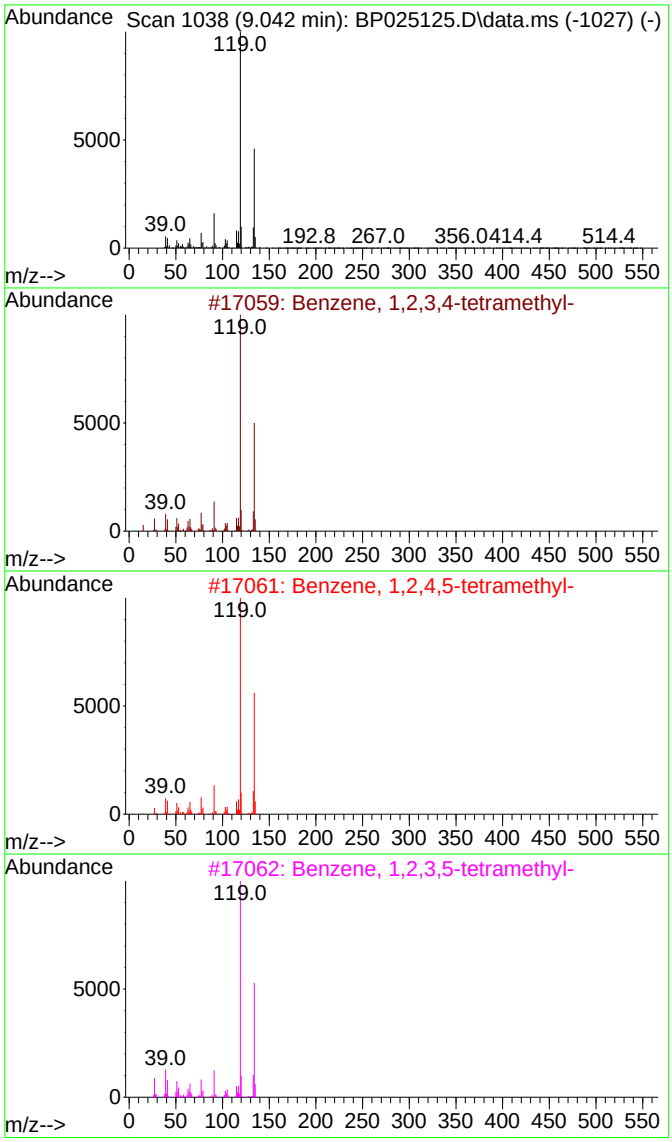
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

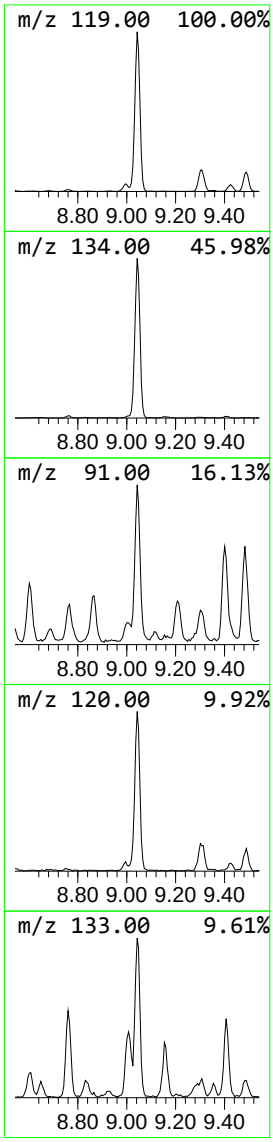
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.042	7.70 ng	1363540	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

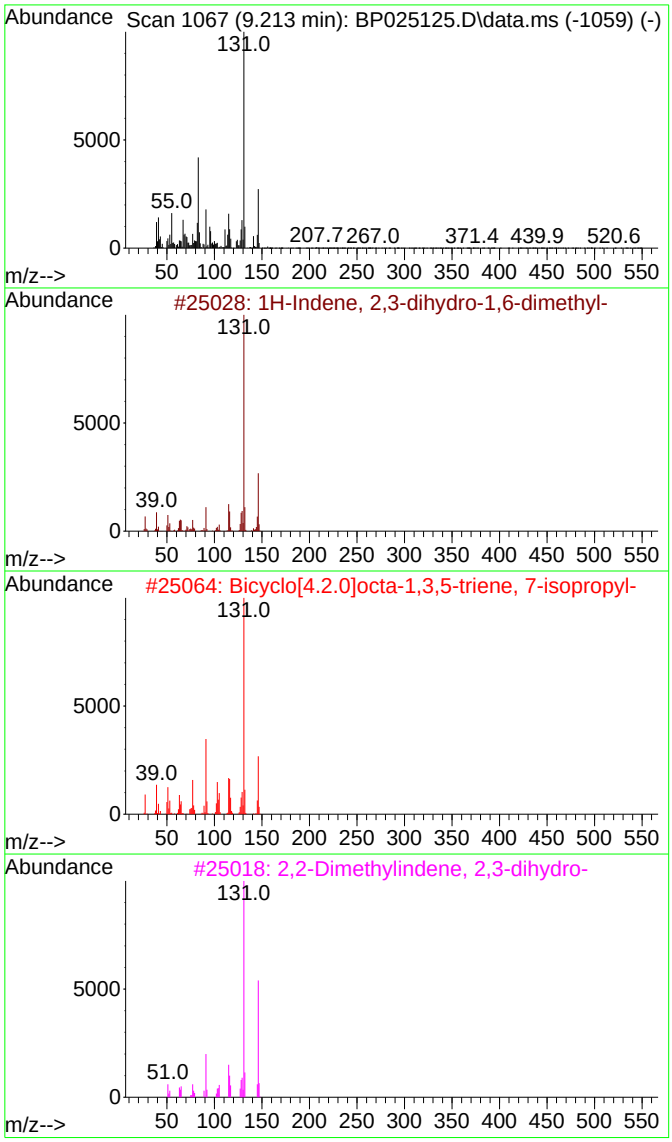
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

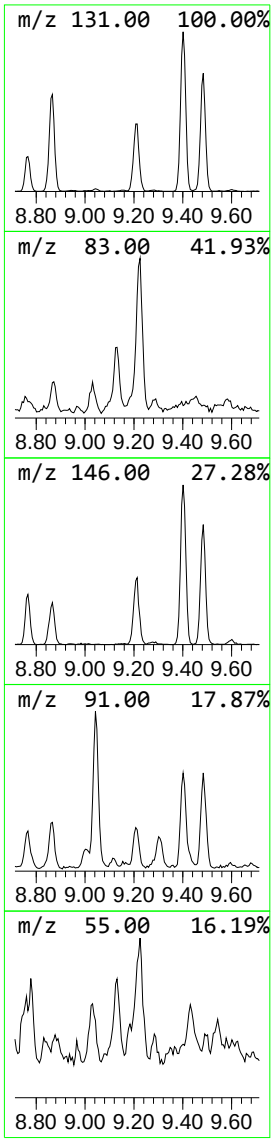
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.213	3.62 ng	641421	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

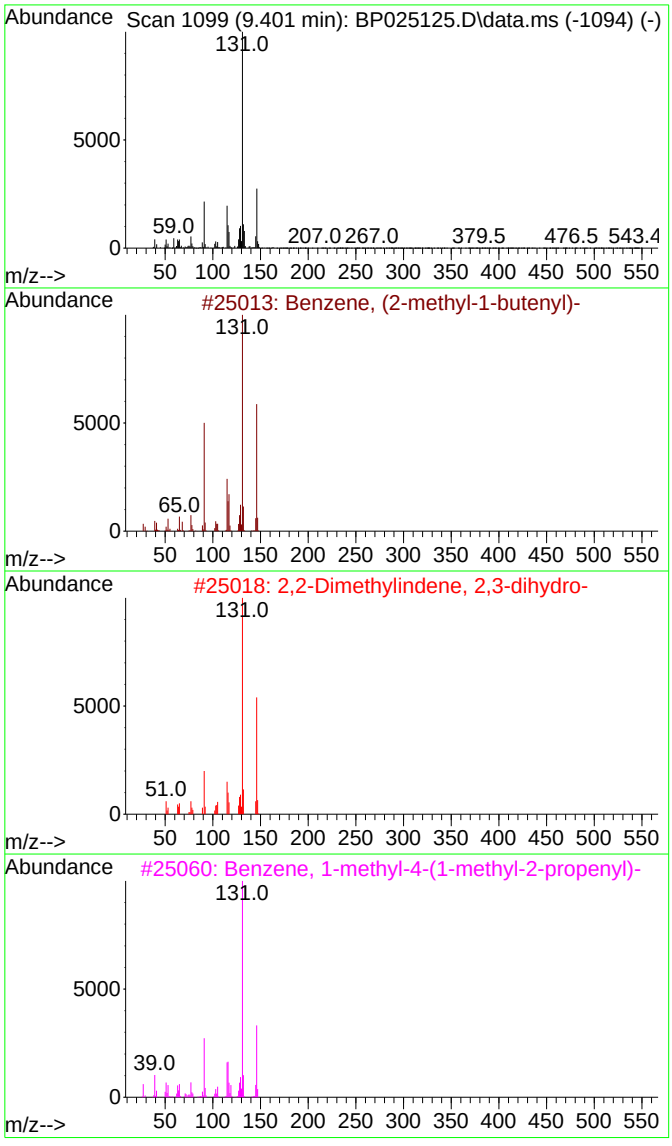
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

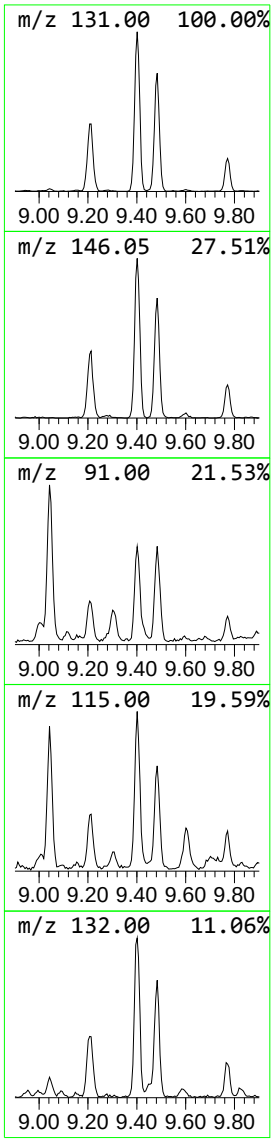
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.401	4.20 ng	744172	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

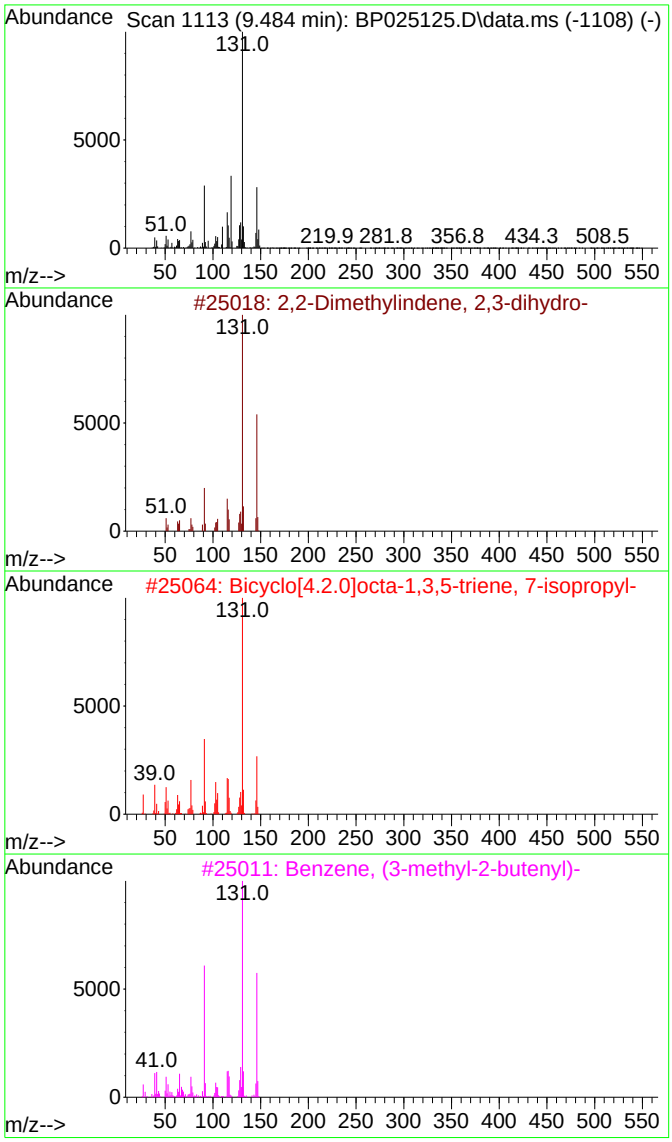
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

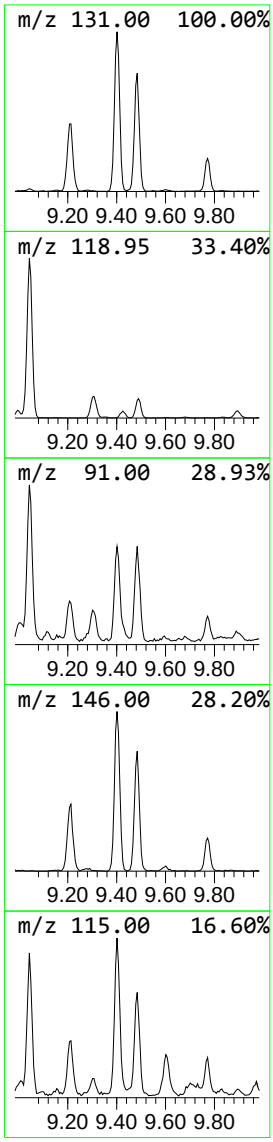
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,2-Dimethylindene, 2,3-dih... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	3.32 ng	588408	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

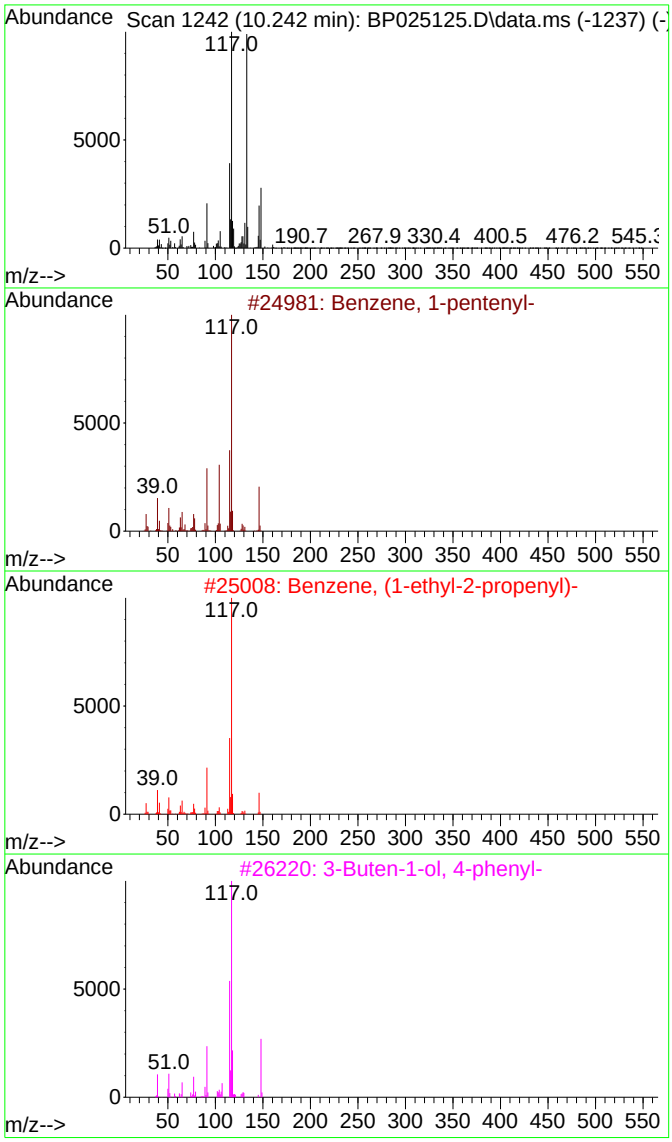
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

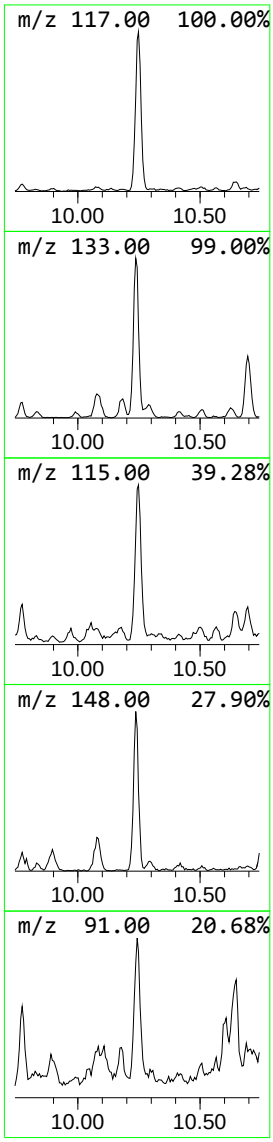
****

Peak Number 13 unknown10.242 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.242	3.65 ng	645551	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46
3	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	43
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	41
5	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

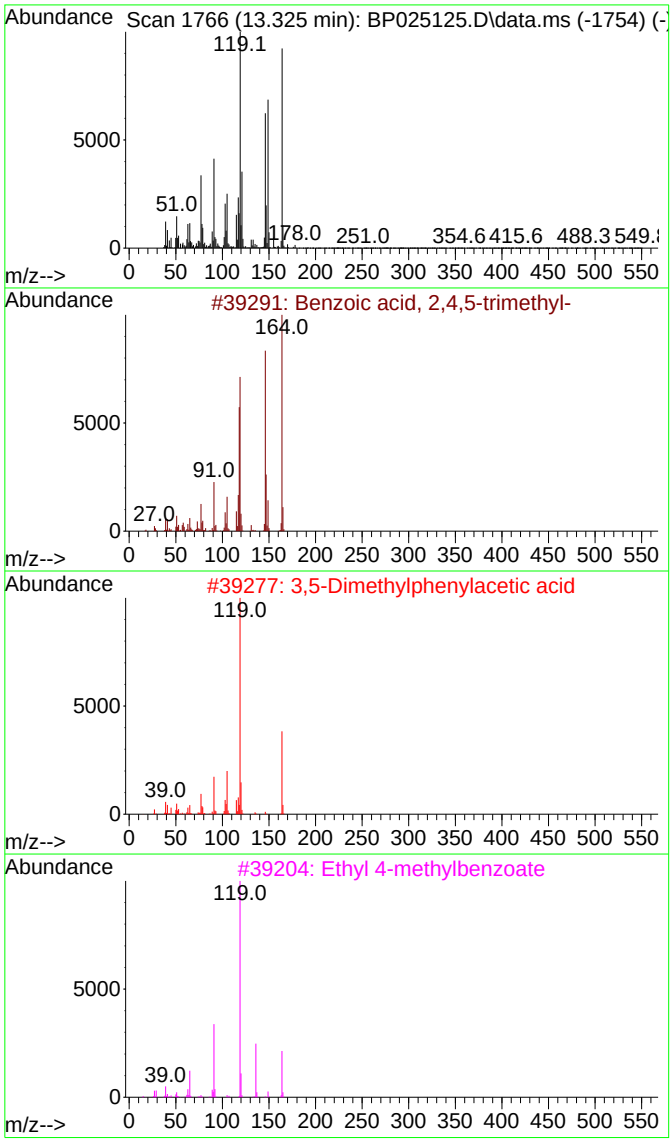
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

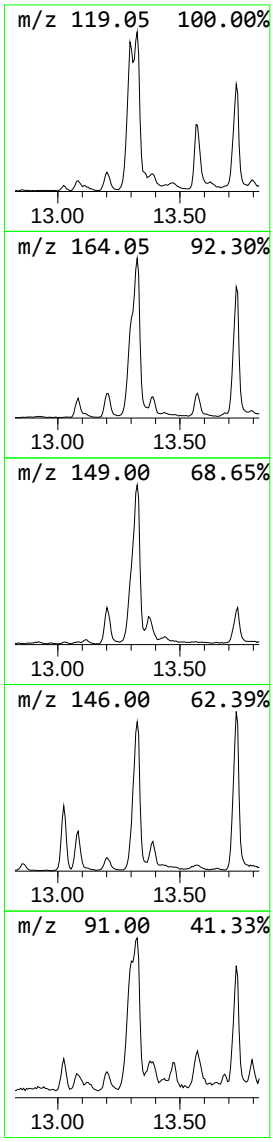
****

Peak Number 14 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	17.85 ng	3808630	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	87
2	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	60
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	55
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	53
5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

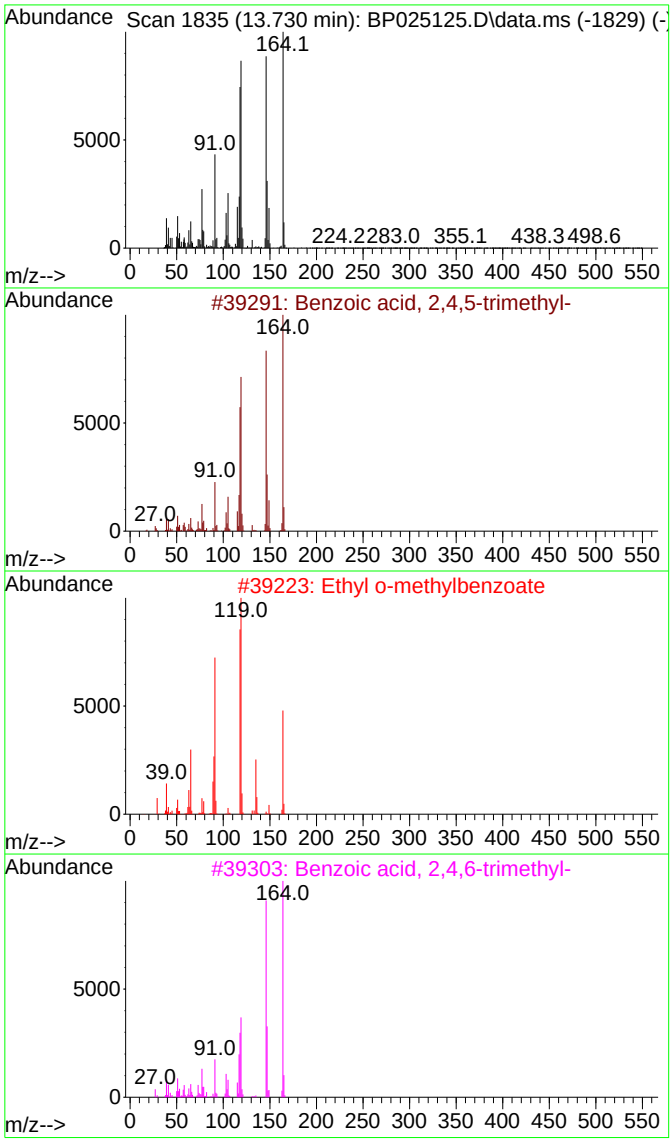
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

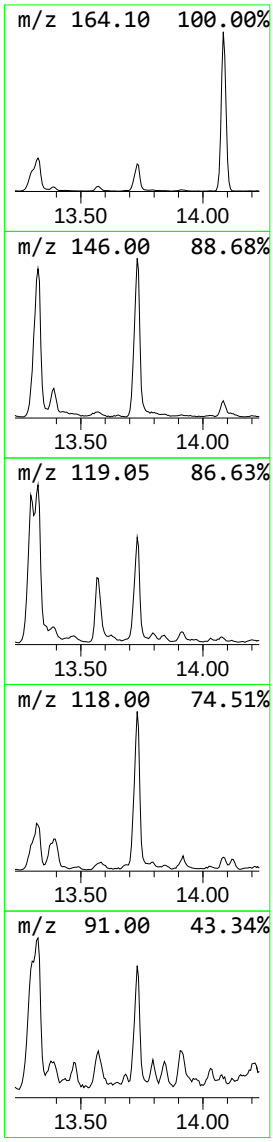
****

Peak Number 15 Ethyl o-methylbenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	7.16 ng	1527210	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	96
2	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	58
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
4	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	45
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

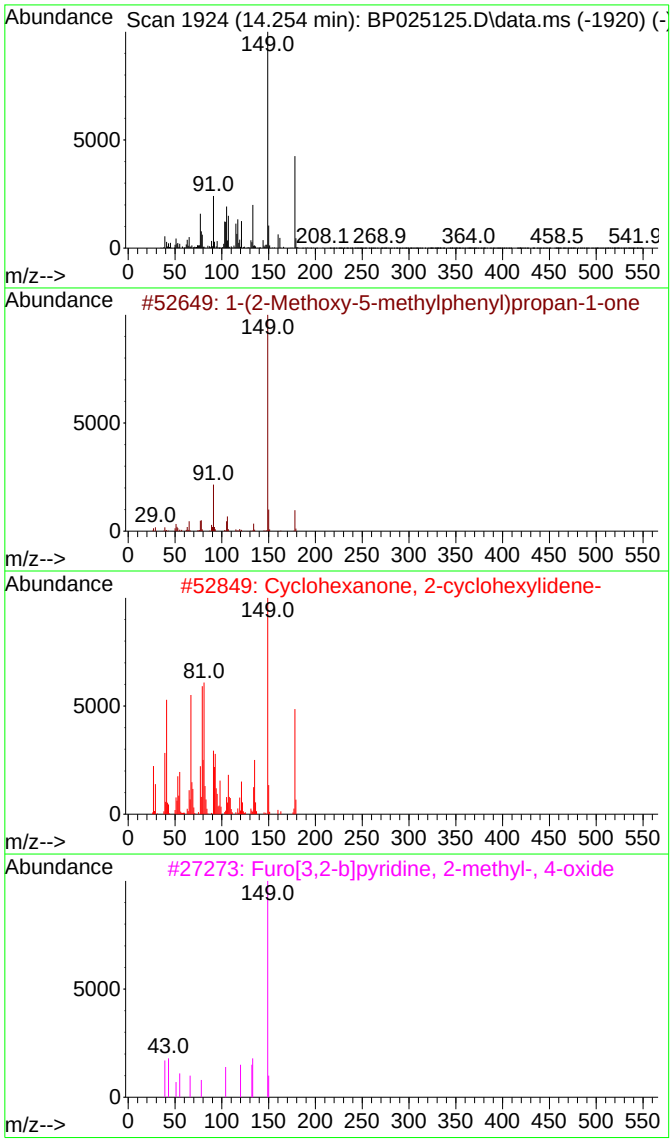
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

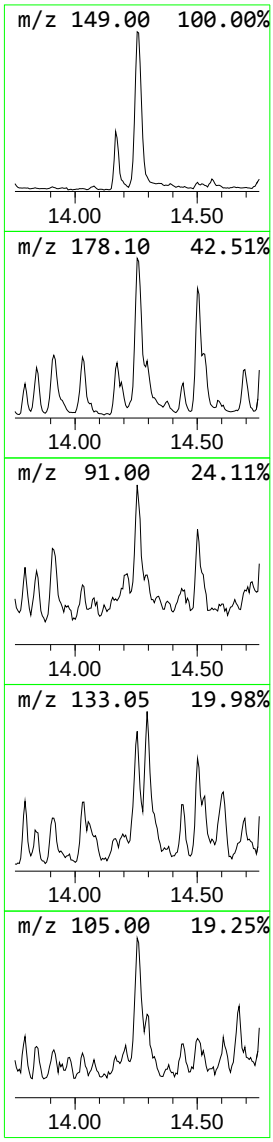
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-(2-Methoxy-5-methylphenyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.254	3.54 ng	755207	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-5-methylphenyl)prop...	178	C11H14O2	082620-73-3	53
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	52
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	46
4	Phthalic acid, mono-sec-butyl ester	222	C12H14O4	053623-59-9	43
5	Diethyl Phthalate	222	C12H14O4	000084-66-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

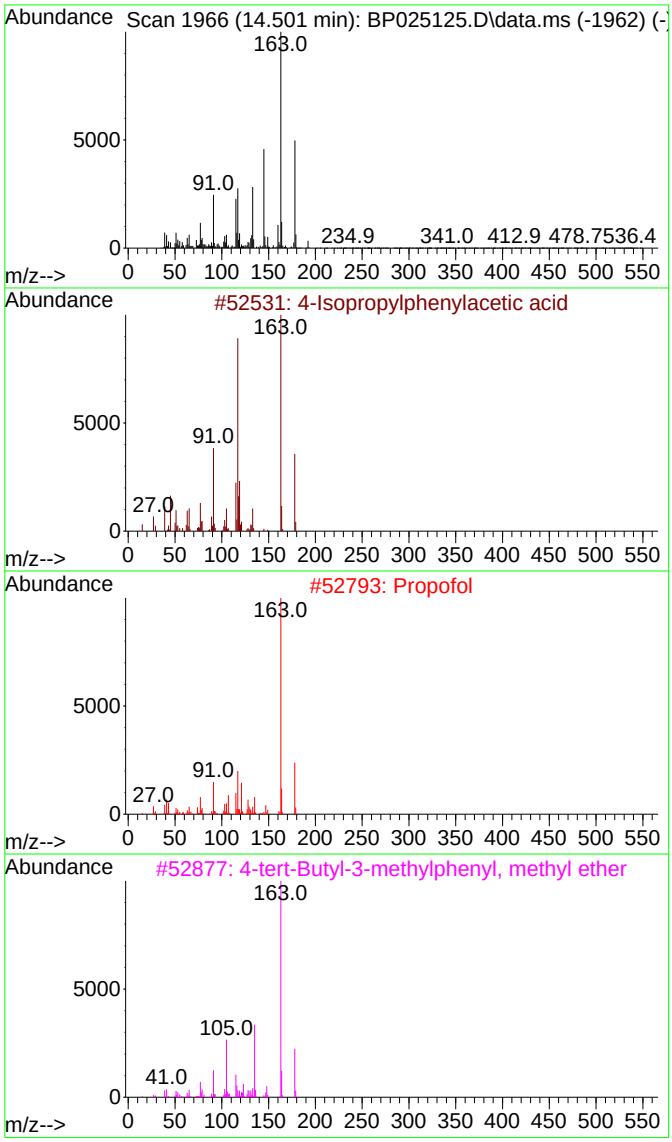
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

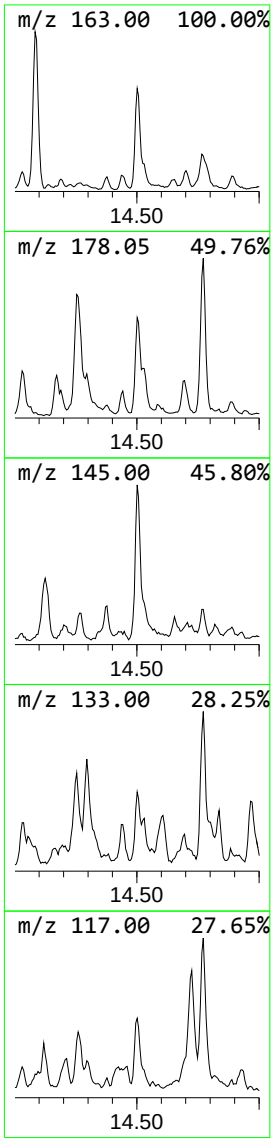
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.501	3.68 ng	785852	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	50
2	Propofol	178	C12H18O	002078-54-8	47
3	4-tert-Butyl-3-methylphenyl, met...	178	C12H18O	031268-79-8	46
4	Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	46
5	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

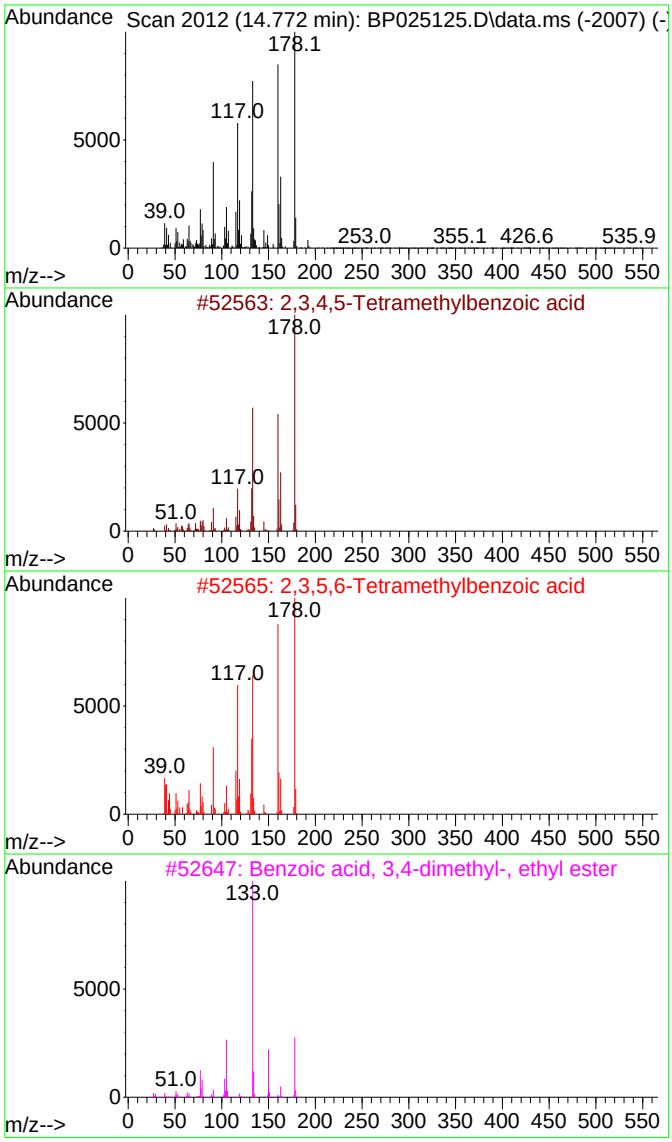
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

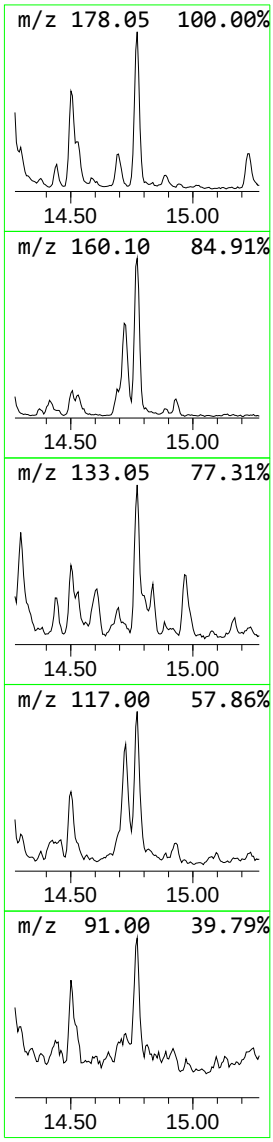
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,3,4,5-Tetramethylbenzoic ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.772	3.97 ng	847168	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	90
2	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	90
3	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	46
4	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	45
5	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

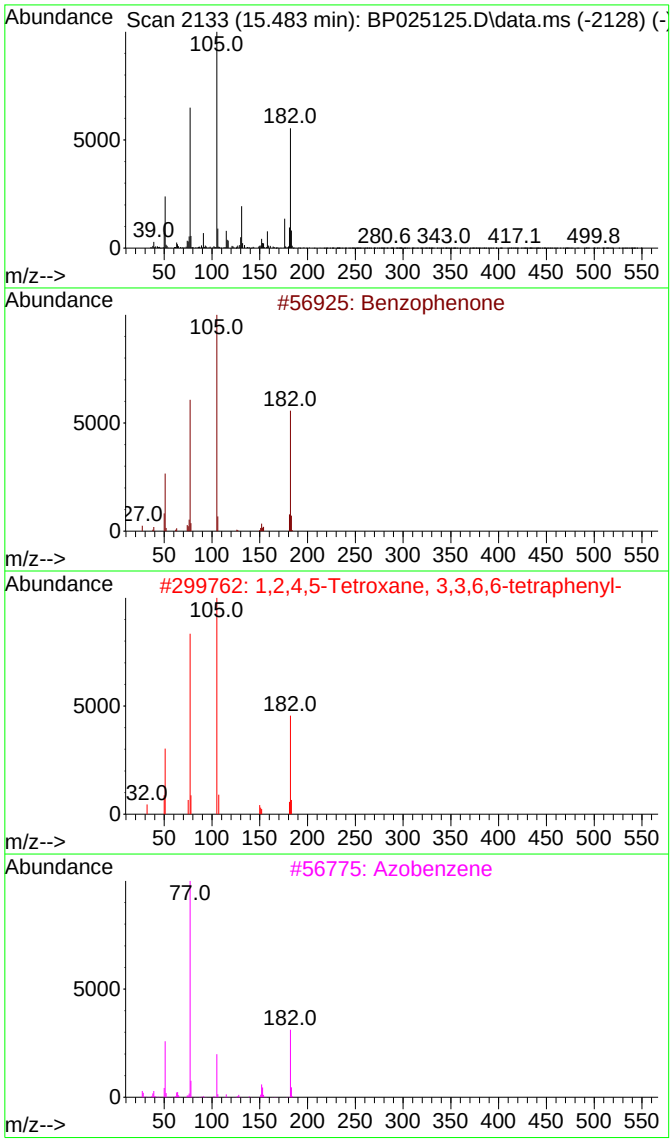
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

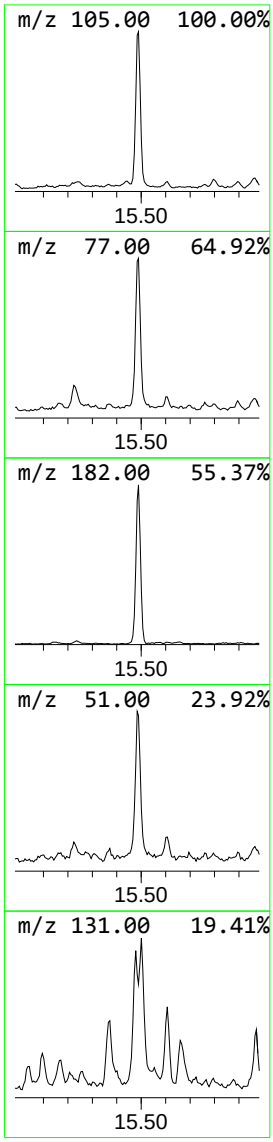
****

Peak Number 19 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.483	4.40 ng	939509	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	59
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Benzoylacrylic acid	176	C10H8O3	000583-06-2	47
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

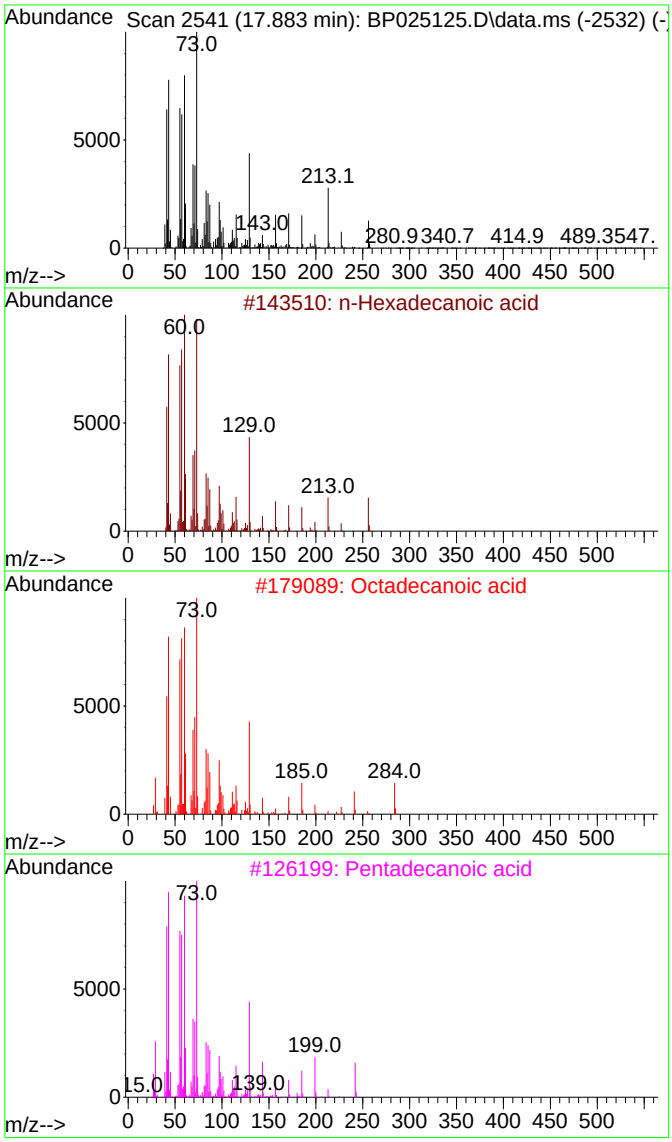
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

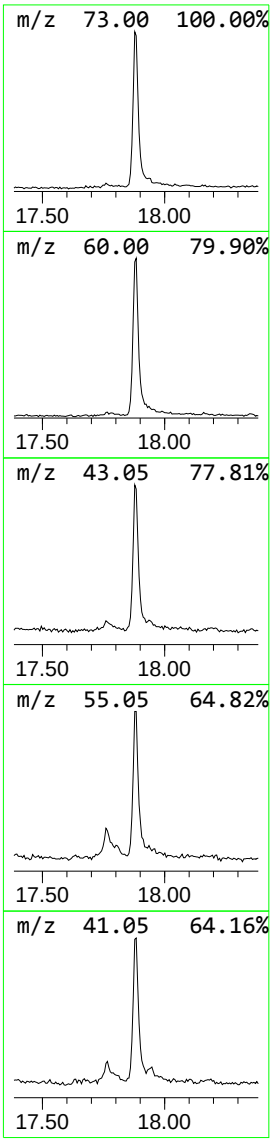
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	5.25 ng	1263300	Phenanthrene-d10	16.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
Cyclopentene, 1...	4.266	3.3	ng	407229	1	7.437	2439210	20.0
2-Pentanone, 4-...	4.654	4.0	ng	492100	1	7.437	2439210	20.0
Benzene, 1,4-di...	7.931	9.2	ng	1125860	1	7.437	2439210	20.0
Benzene, 1,2-di...	8.078	10.1	ng	1236660	1	7.437	2439210	20.0
1,3,8-p-Menthat...	8.125	5.2	ng	633541	1	7.437	2439210	20.0
unknown8.448	8.448	4.7	ng	575787	1	7.437	2439210	20.0
1,2-Dimethyl-cy...	8.690	4.0	ng	493748	1	7.437	2439210	20.0
Benzene, (1,1-d...	8.766	4.2	ng	517563	1	7.437	2439210	20.0
Benzene, 1,2,3,...	9.042	7.7	ng	1363540	2	10.178	3540740	20.0
1H-Indene, 2,3-...	9.213	3.6	ng	641421	2	10.178	3540740	20.0
Benzene, (2-met...	9.401	4.2	ng	744172	2	10.178	3540740	20.0
2,2-Dimethylind...	9.484	3.3	ng	588408	2	10.178	3540740	20.0
unknown10.242	10.242	3.6	ng	645551	2	10.178	3540740	20.0
Benzoic acid, 2...	13.325	17.9	ng	3808630	3	14.083	4267850	20.0
Ethyl o-methylb...	13.730	7.2	ng	1527210	3	14.083	4267850	20.0
1-(2-Methoxy-5-...	14.254	3.5	ng	755207	3	14.083	4267850	20.0
4-Isopropylphen...	14.501	3.7	ng	785852	3	14.083	4267850	20.0
2,3,4,5-Tetrame...	14.772	4.0	ng	847168	3	14.083	4267850	20.0
Benzophenone	15.483	4.4	ng	939509	3	14.083	4267850	20.0
n-Hexadecanoic ...	17.883	5.3	ng	1263300	4	16.907	4812640	20.0