LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	3	6	26	rVB	1486453	2096920	10.12%	1.792%
2	4.246	209	214	219	rBV	206373	315863	1.52%	0.270%
3	4.305	219	224	233	rVB	232261	379964	1.83%	0.325%
4	5.375	400	406	423	rBV	2286726	4171921	20.14%	3.565%
5	6.269	552	558	570	rVB	384522	680884	3.29%	0.582%
6	6.758	633	641	654	rBV	500379	886708	4.28%	0.758%
7	6.963	666	676	686	rBV	1335906	2680064	12.94%	2.290%
8	7.769	806	813	823	rBV	884227	1586570	7.66%	1.356%
9	8.146	870	877	889	rVB	1652601	2897407	13.99%	2.476%
10	8.269	889	898	904	rBV	223383	388640	1.88%	0.332%
11	8.881	996	1002	1005	rBV	550083	937054	4.52%	0.801%
12	8.928	1005	1010	1027	rVB2	3080032	6559992	31.67%	5.606%
13	9.399	1077	1090	1098	rBV	529512	984851	4.75%	0.842%
14	9.816	1157	1161	1174	rVB	154105	332360	1.60%	0.284%
15	9.969	1176	1187	1197	rBV2	958199	1953594	9.43%	1.670%
16	10.563	1273	1288	1294	rBV	1284013	2583002	12.47%	2.207%
17	10.616	1294	1297	1304	rVV3	165937	327965	1.58%	0.280%
18	10.681	1304	1308	1315	rVB	124414	221315	1.07%	0.189%
19	11.034	1356	1368	1376	rVB3	130396	298129	1.44%	0.255%
20	11.146	1381	1387	1393	rBV2	176411	366107	1.77%	0.313%
21	11.481	1439	1444	1454	rVB2	133170	307793	1.49%	0.263%
22	11.681	1467	1478	1488	rVB4	161542	448754	2.17%	0.384%
23	12.122	1547	1553	1559	rBV2	205343	383707	1.85%	0.328%
24	12.251	1569	1575	1587	rVB9	101148	379053	1.83%	0.324%
25	12.451	1599	1609	1615	rBV	1362246	2430546	11.73%	2.077%
26	13.040	1701	1709	1721	rBV	8714745	14045097	67.80%	12.003%
27	13.469	1778	1782	1789	rVB5	142611	286823	1.38%	0.245%
28	13.740	1822	1828	1833	rBV2	378459	768004	3.71%	0.656%
29	13.975	1864	1868	1871	rBV	147438	228786	1.10%	0.196%
30	14.139	1891	1896	1903	rVB	313361	556654	2.69%	0.476%
31	14.257	1912	1916	1926	rVB2	185637	352165	1.70%	0.301%
32	14.416	1937	1943	1949	rVB	1929755	3071383	14.83%	2.625%
33	14.481	1950	1954	1960	rVB3	156859	246619	1.19%	0.211%
34	15.916	2192	2198	2211	rBV	6856959	10936525	52.80%	9.346%
35	17.181	2408	2413	2422	rVB	2249190	3426745	16.54%	2.929%
36	18.098	2565	2569	2574	rBV2	442790	628357	3.03%	0.537%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.763	2846	2852	2859	rBV	13255461	18278856	88.24%	15.621%
38	21.033	3065	3068	3075	rVB	301041	442229	2.13%	0.378%
39	21.292	3108	3112	3119	rBV	2937365	3874491	18.70%	3.311%
40	21.427	3129	3135	3155	rVB	13410079	20714461	100.00%	17.703%
41	21.710	3180	3183	3186	rBV	272897	298001	1.44%	0.255%
42	23.686	3513	3519	3530	rVB2	1994843	4258001	20.56%	3.639%

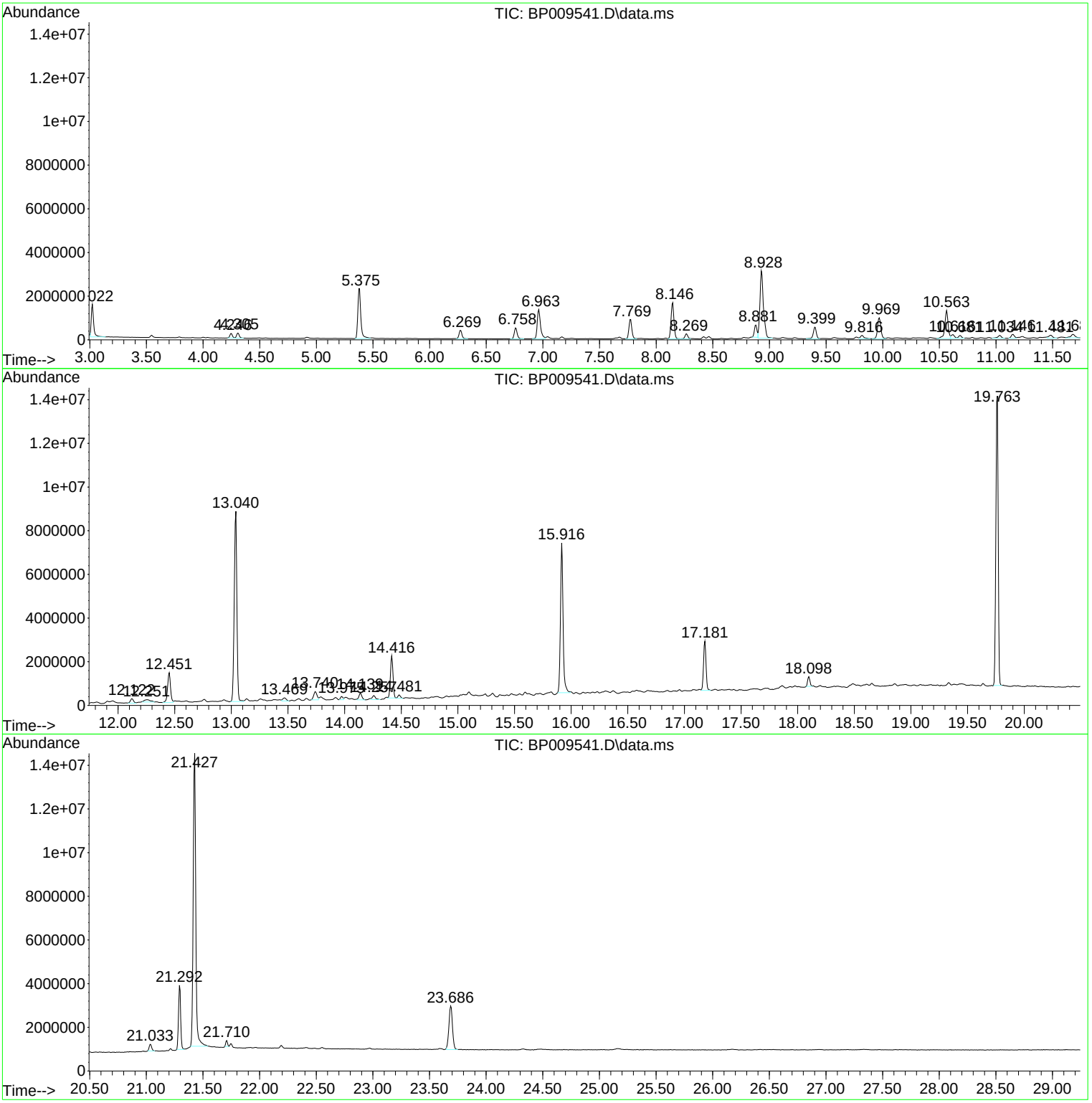
Sum of corrected areas: 117012360

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

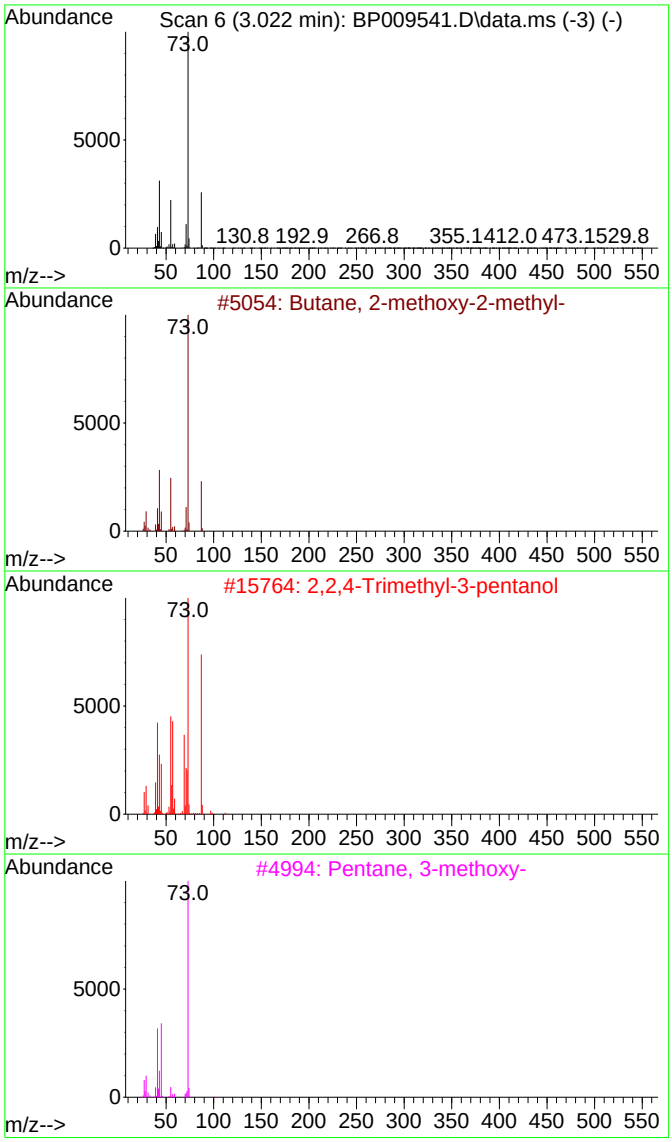
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

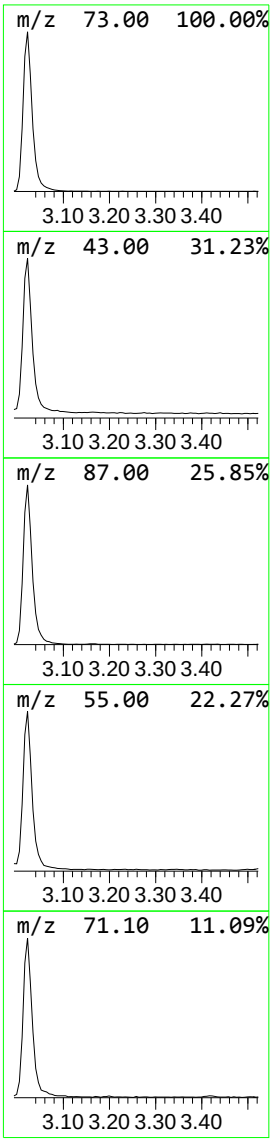
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.022	26.43 ng	2096920	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

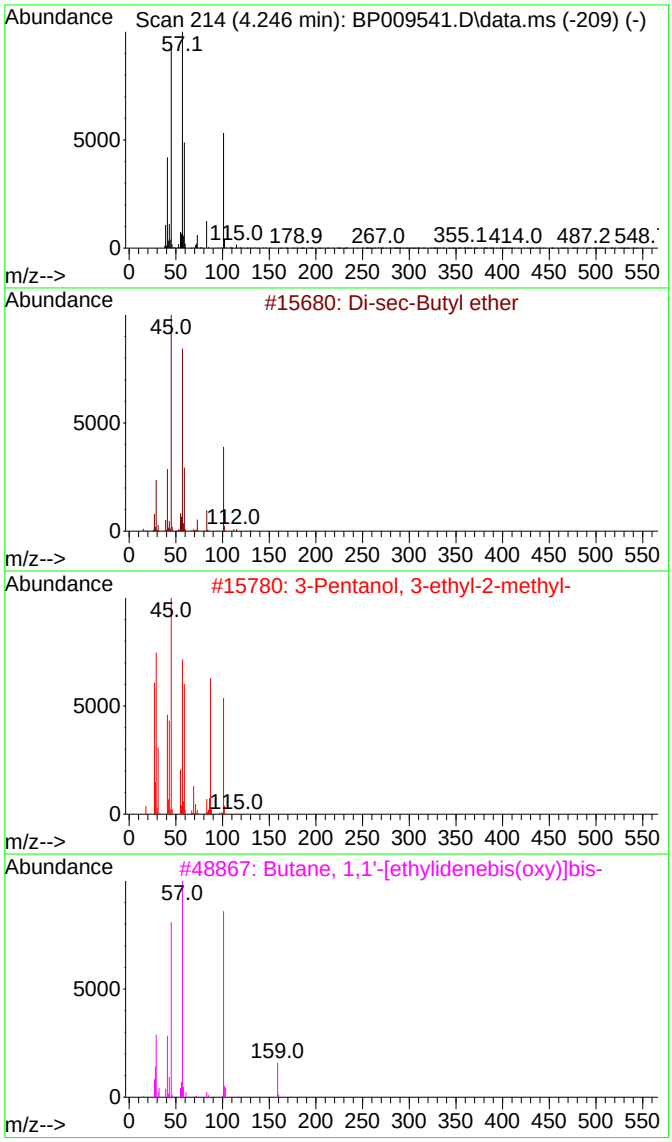
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

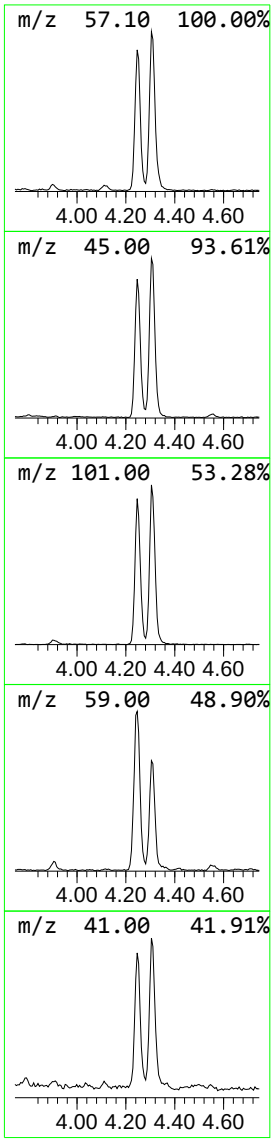
****

Peak Number 2 Di-sec-Butyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.246	3.98 ng	315863	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	83
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	56
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	53
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
5	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

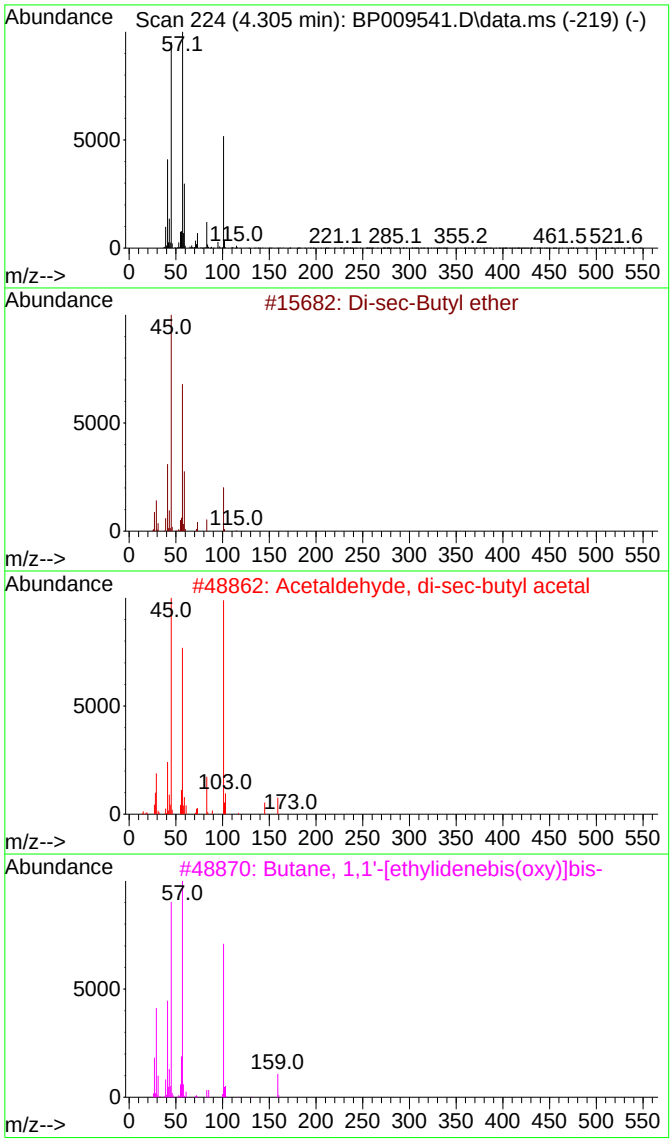
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

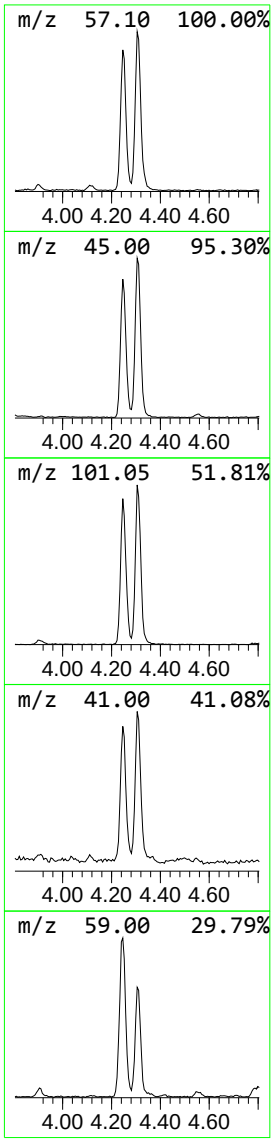
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acetaldehyde, di-sec-butyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.305	4.79 ng	379964	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	83
2	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	64
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	59
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
5	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

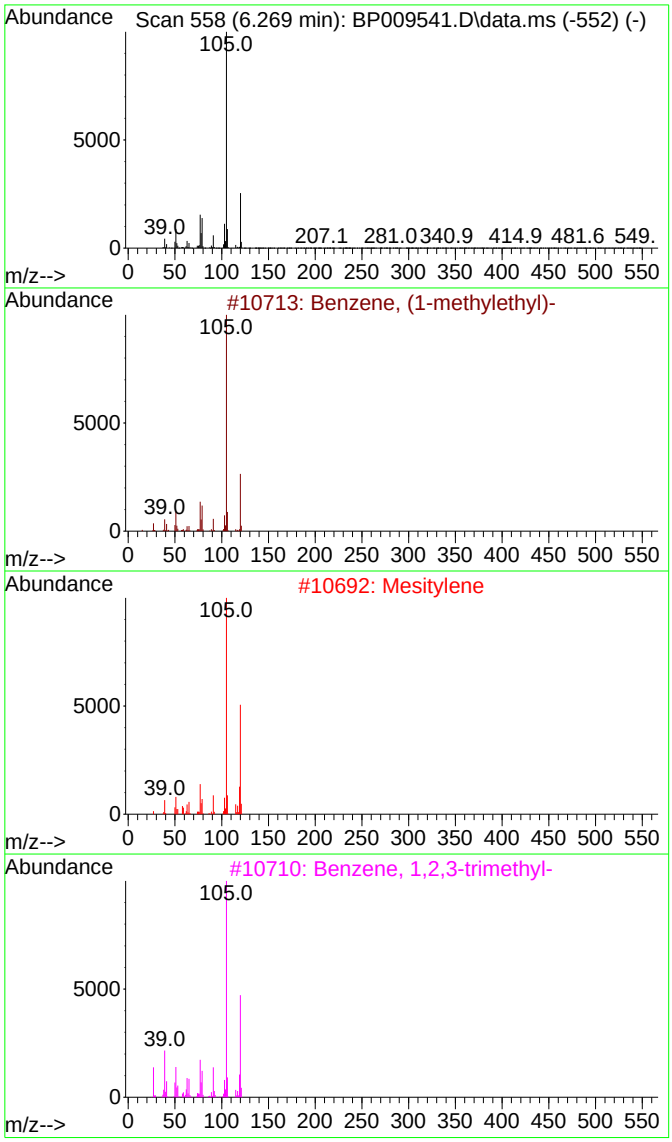
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

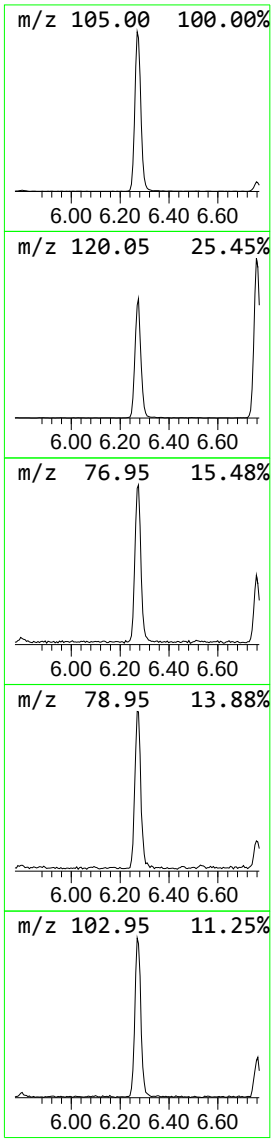
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	8.58 ng	680884	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

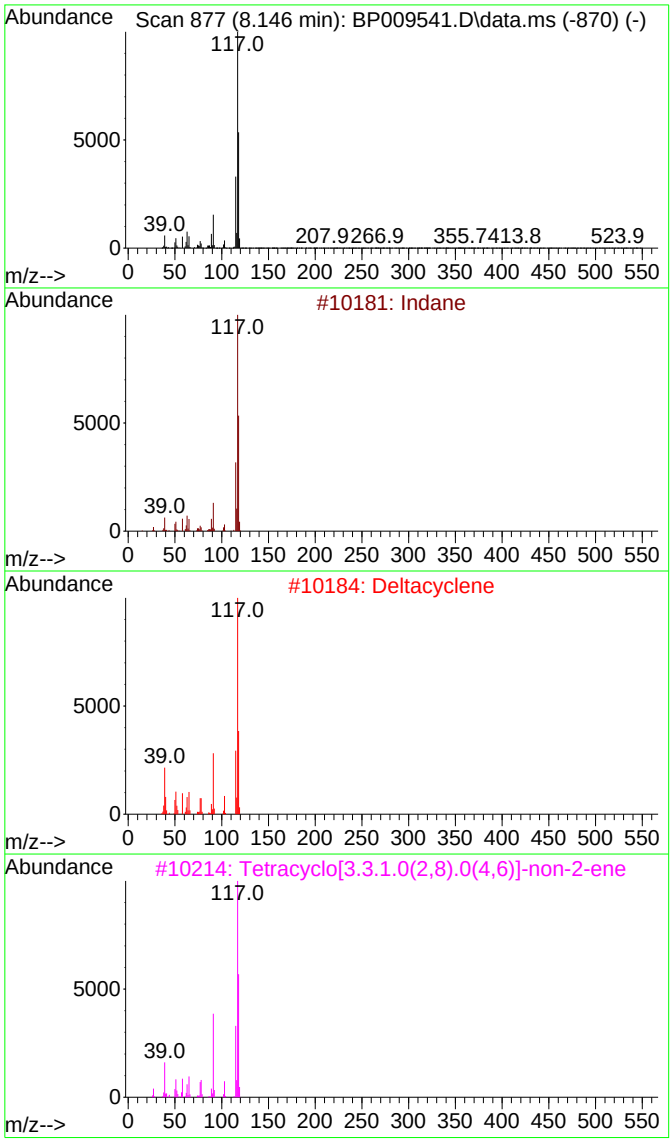
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

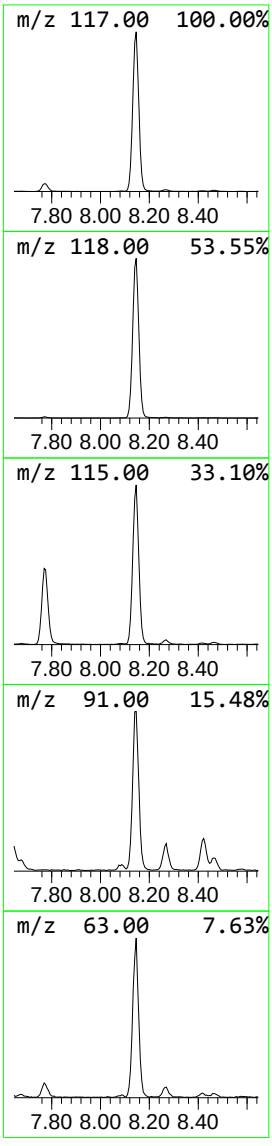
****

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	36.52 ng	2897410	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

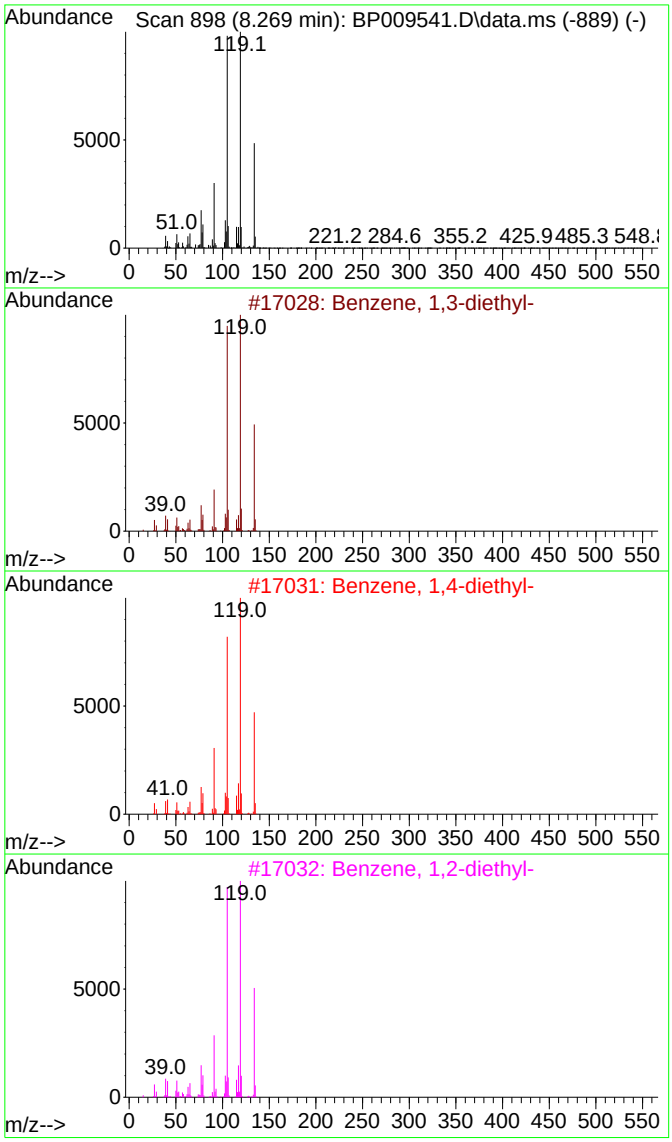
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

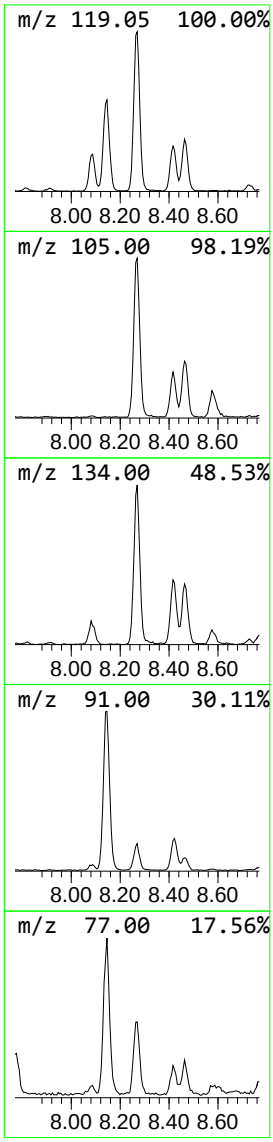
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	4.90 ng	388640	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

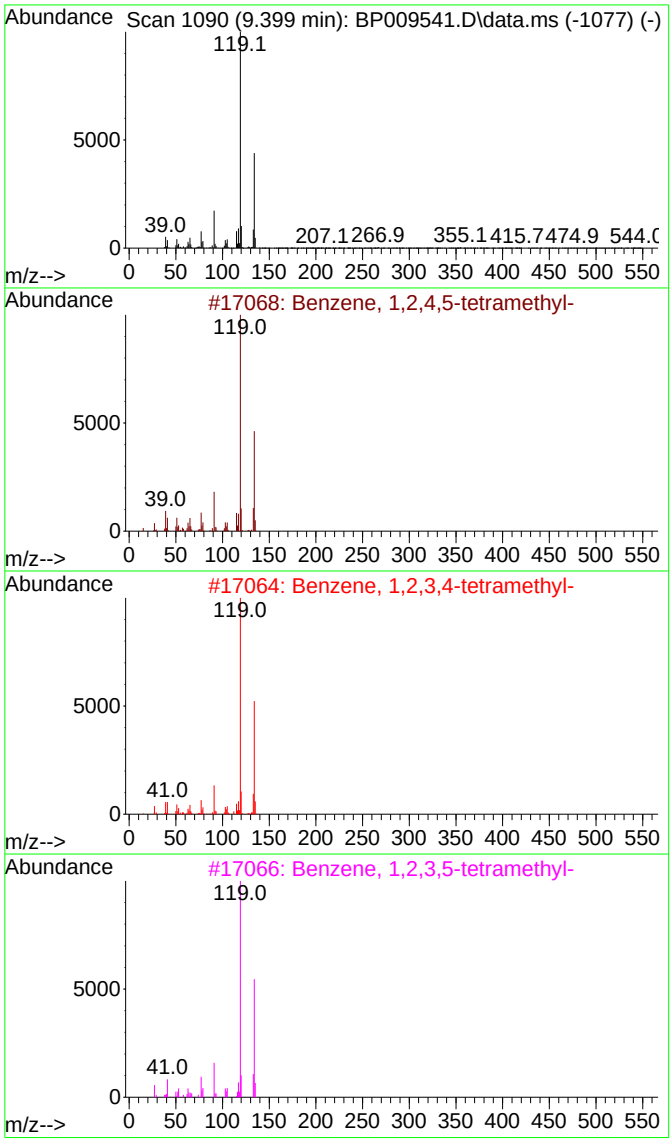
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

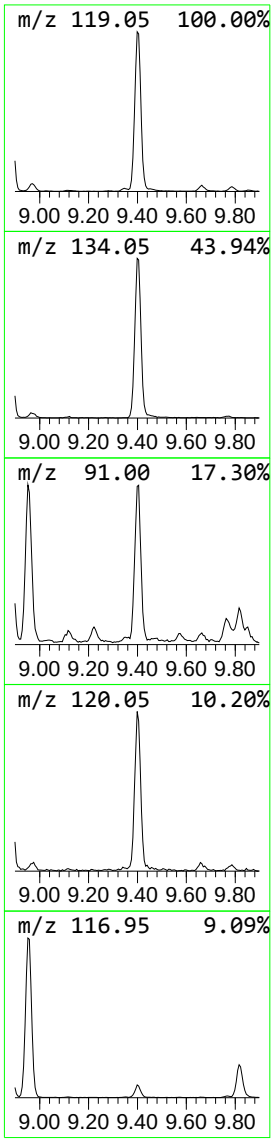
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.399	7.63 ng	984851	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

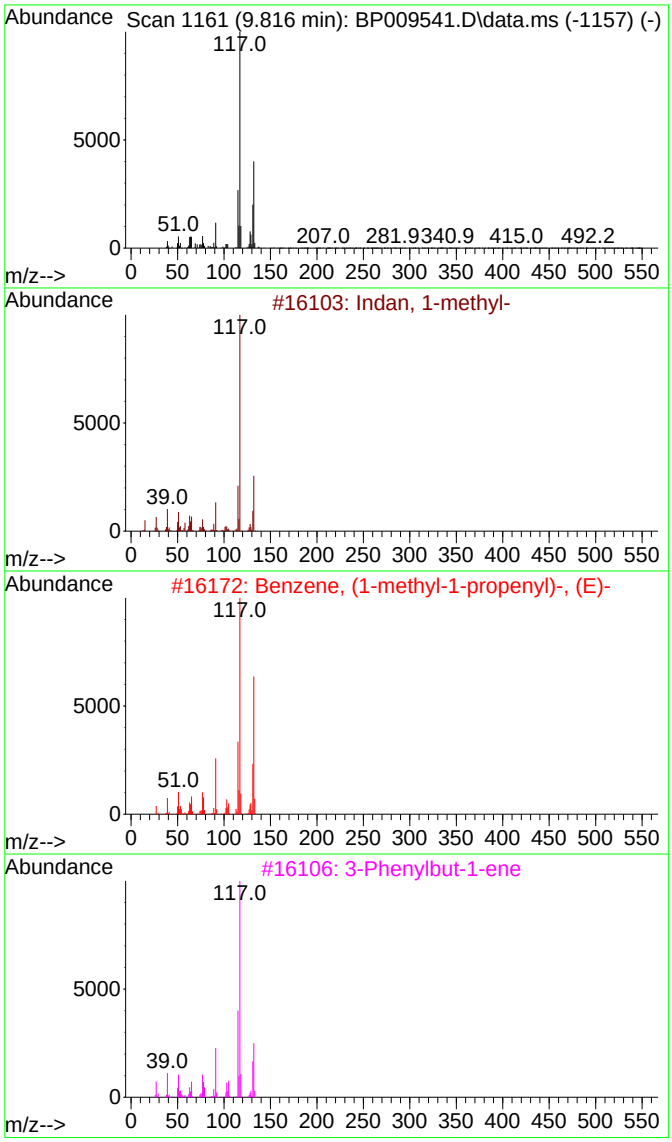
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

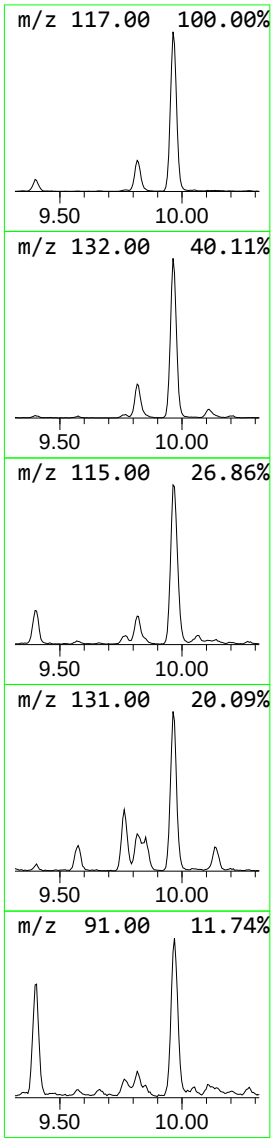
****

Peak Number 9 Indan, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	2.57 ng	332360	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

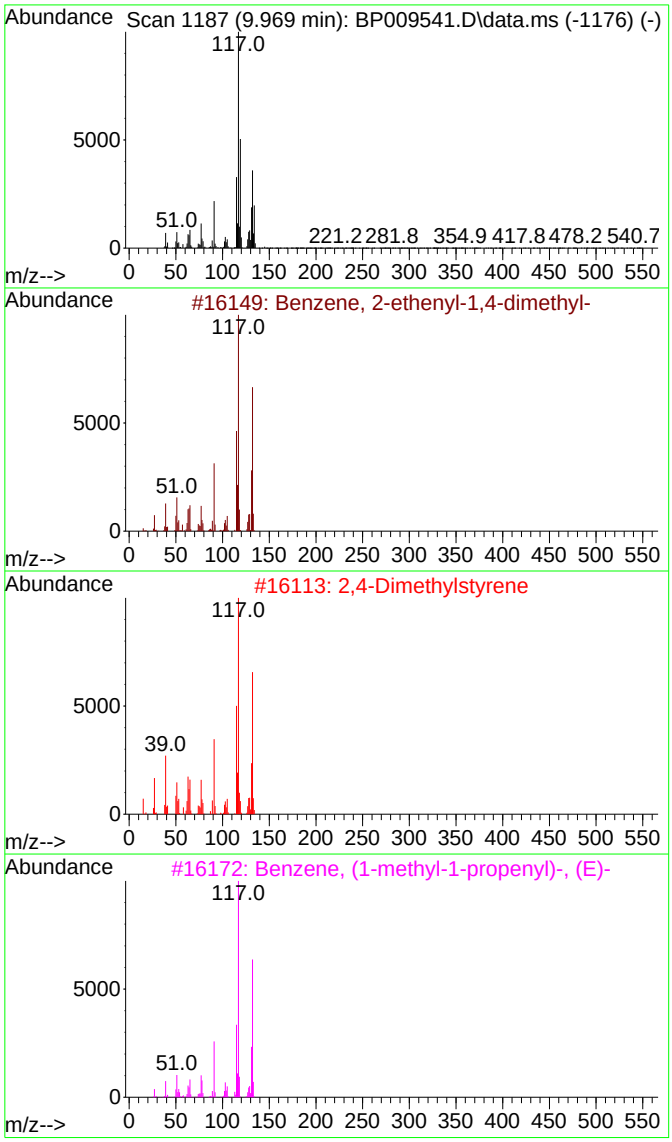
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

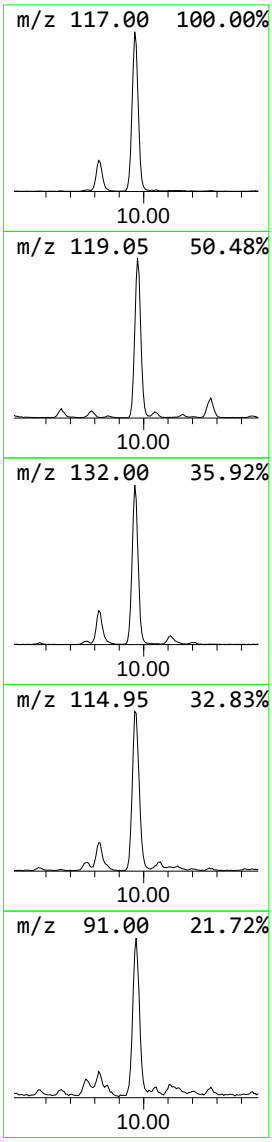
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.969	15.13 ng	1953590	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

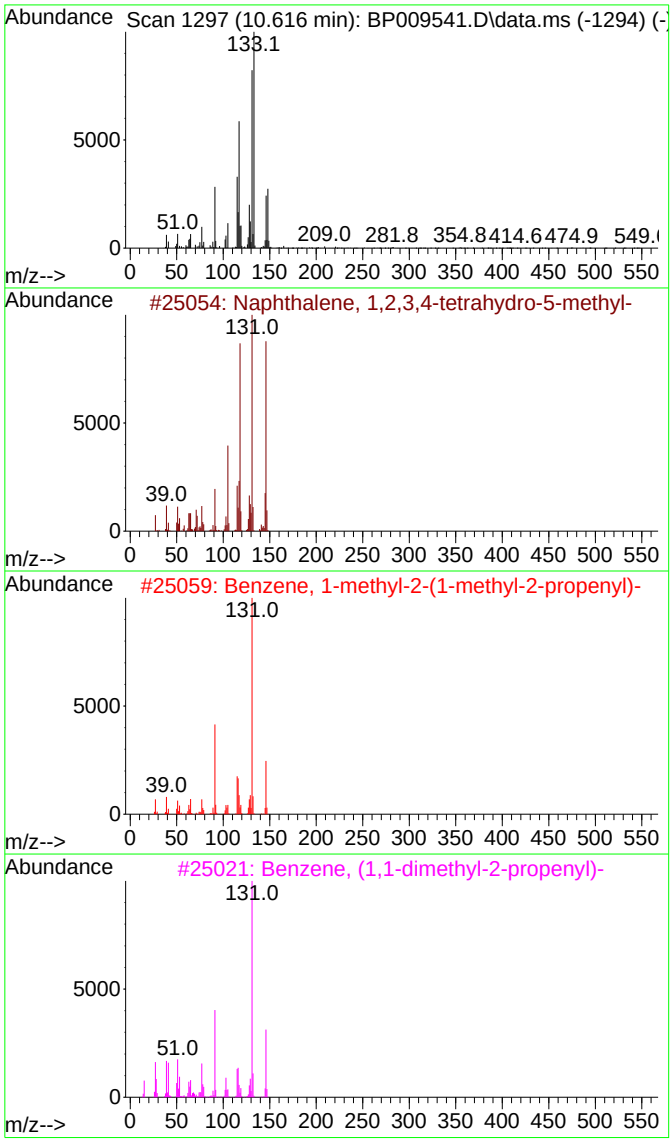
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

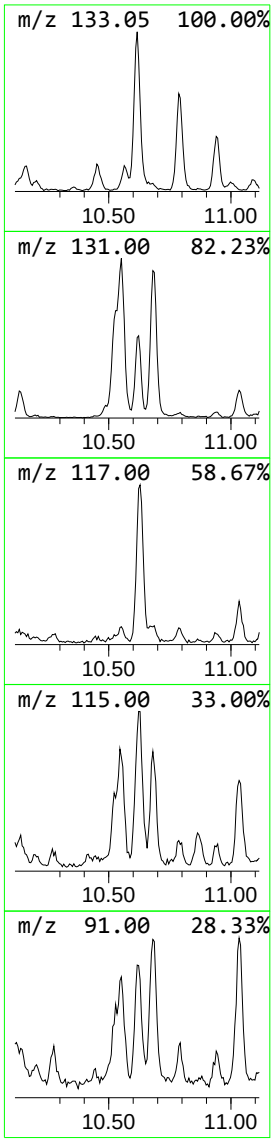
****

Peak Number 11 unknown10.616 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.54 ng	327965	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	46
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	42
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

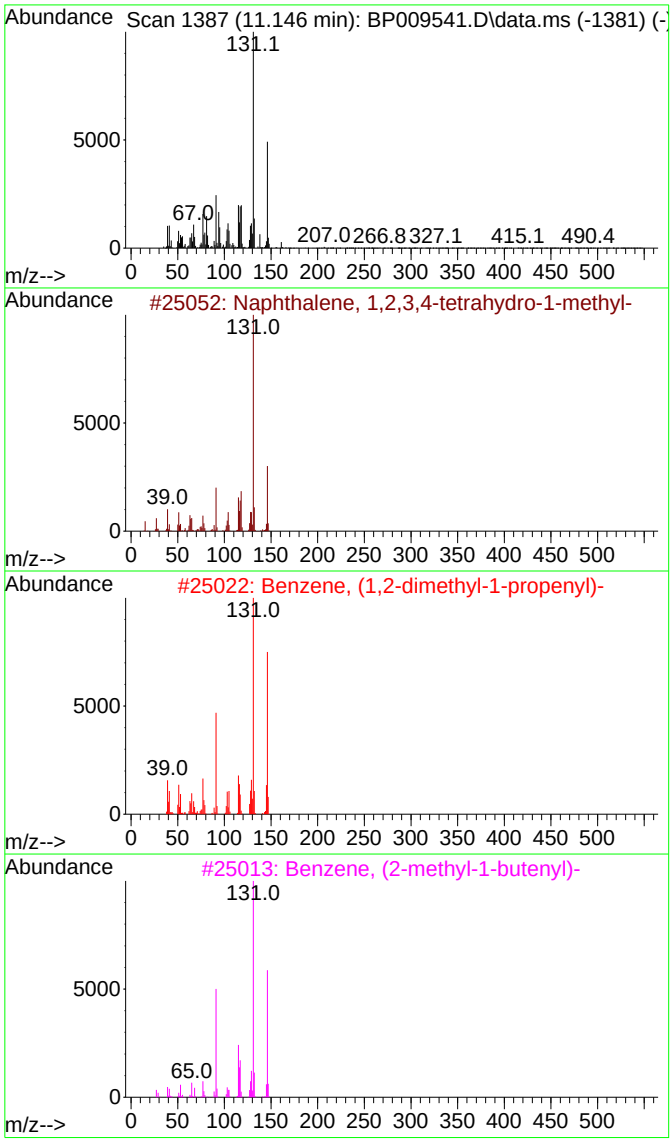
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

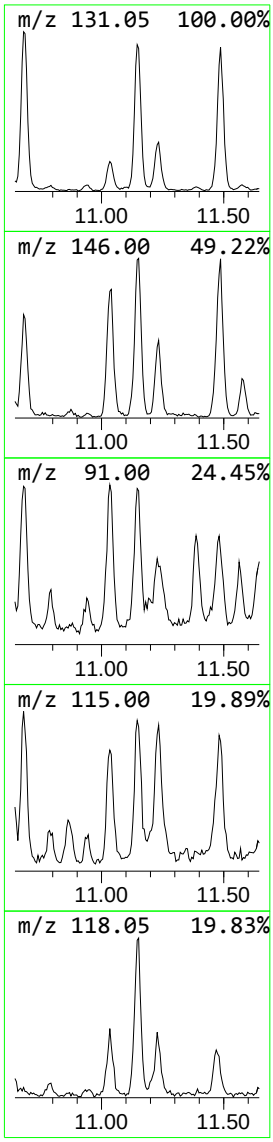
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	2.83 ng	366107	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

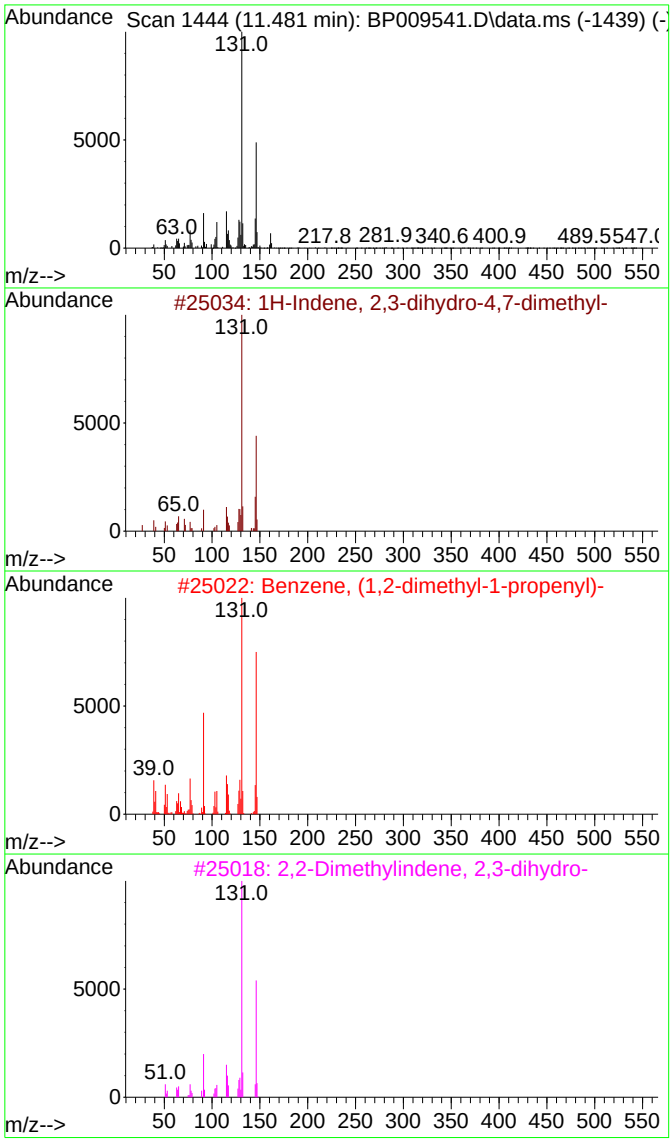
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

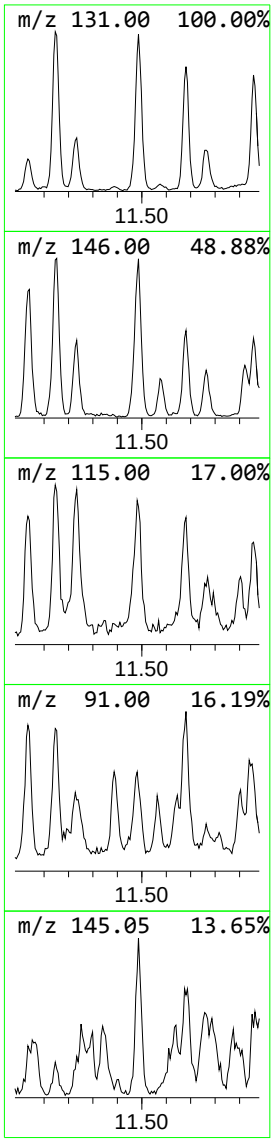
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.481	2.38 ng	307793	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

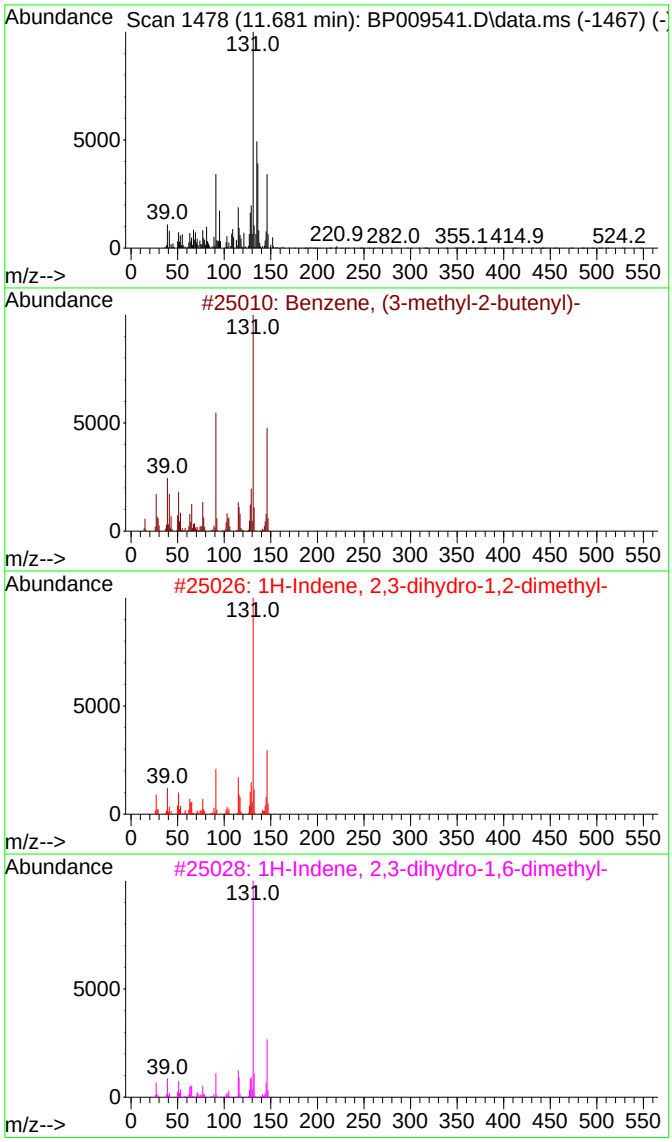
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

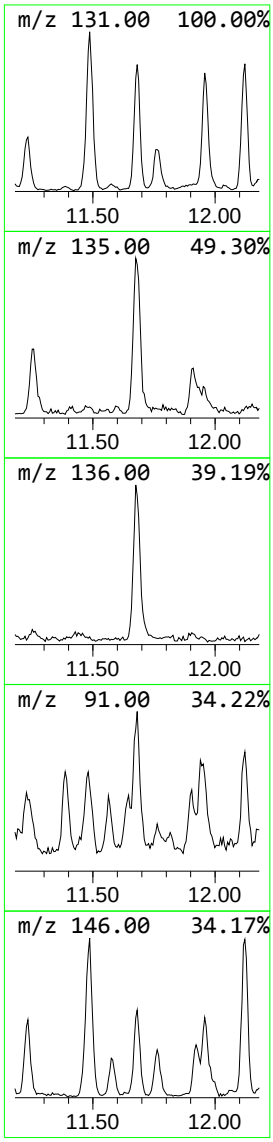
****

Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	3.47 ng	448754	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

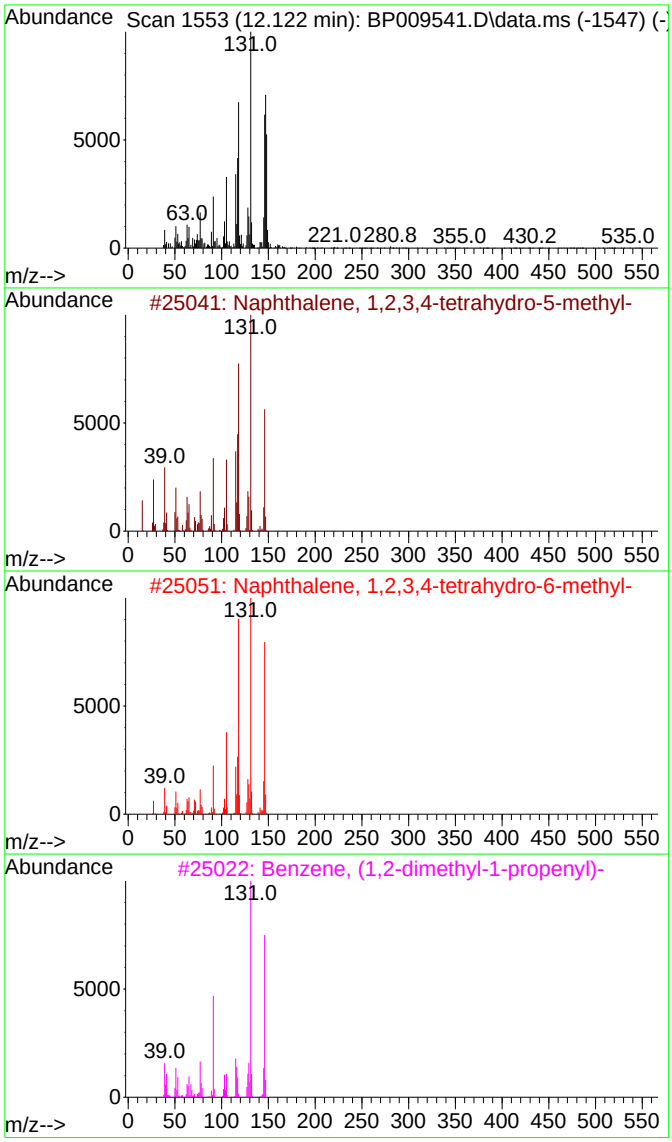
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

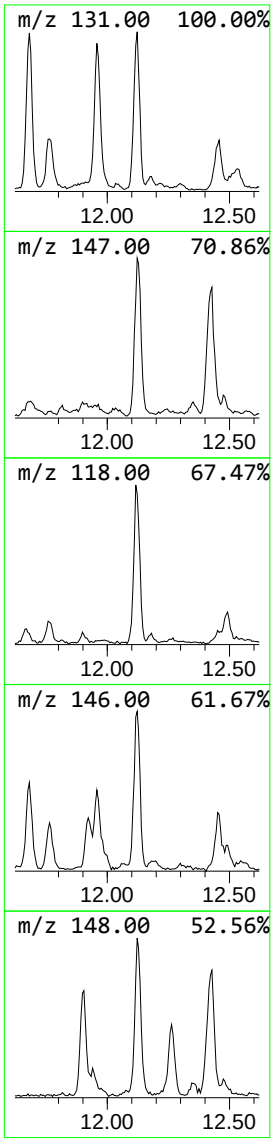
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	2.97 ng	383707	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

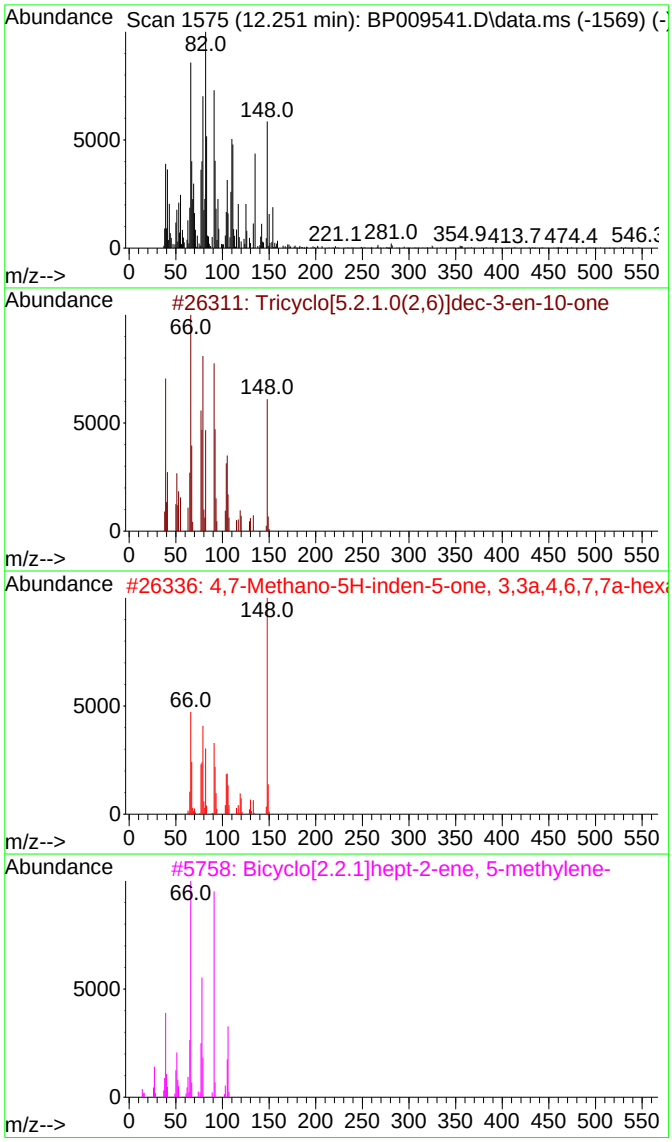
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

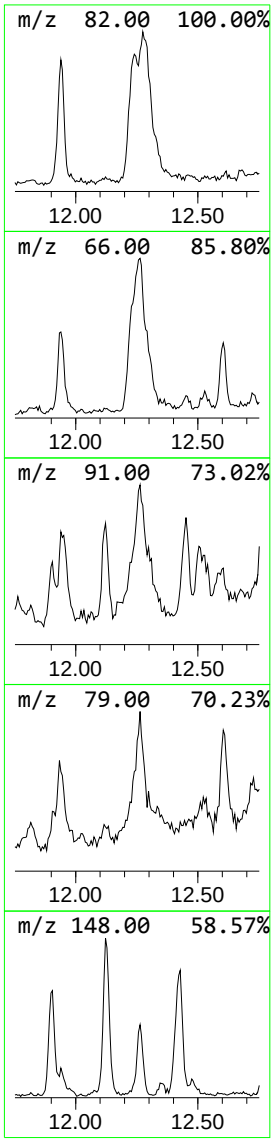
****

Peak Number 16 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	2.93 ng	379053	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	64
2	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	60
3	Bicyclo[2.2.1]hept-2-ene, 5-meth...	106	C8H10	000694-91-7	50
4	Tetracyclo[3.3.1.1(3,7).0(4,6)]d...	148	C10H12O	052750-53-5	49
5	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

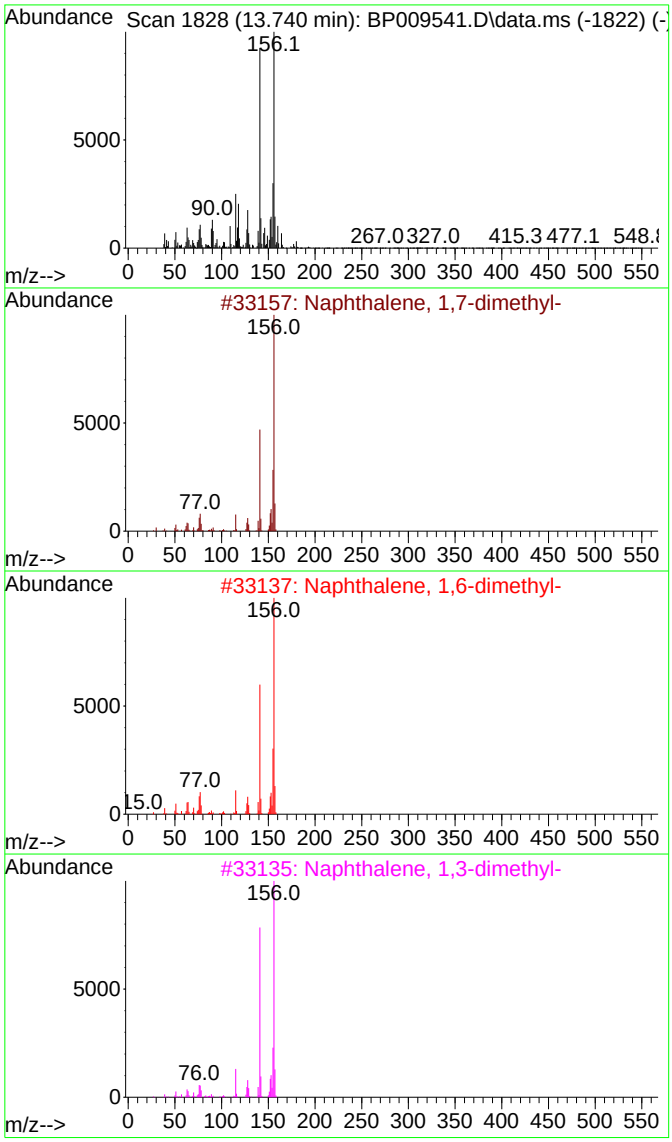
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

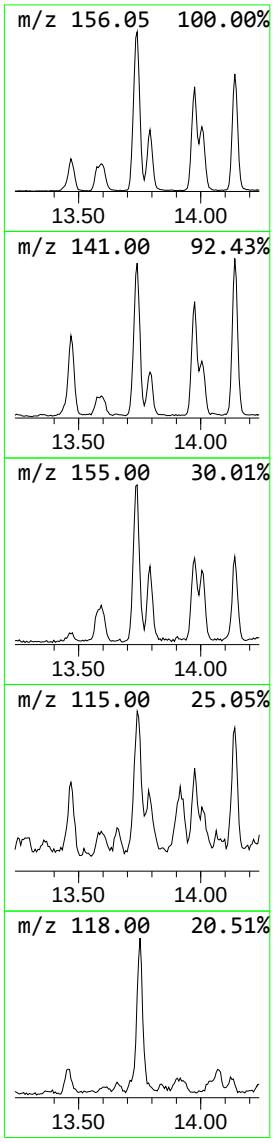
****

Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.740	5.00 ng	768004	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

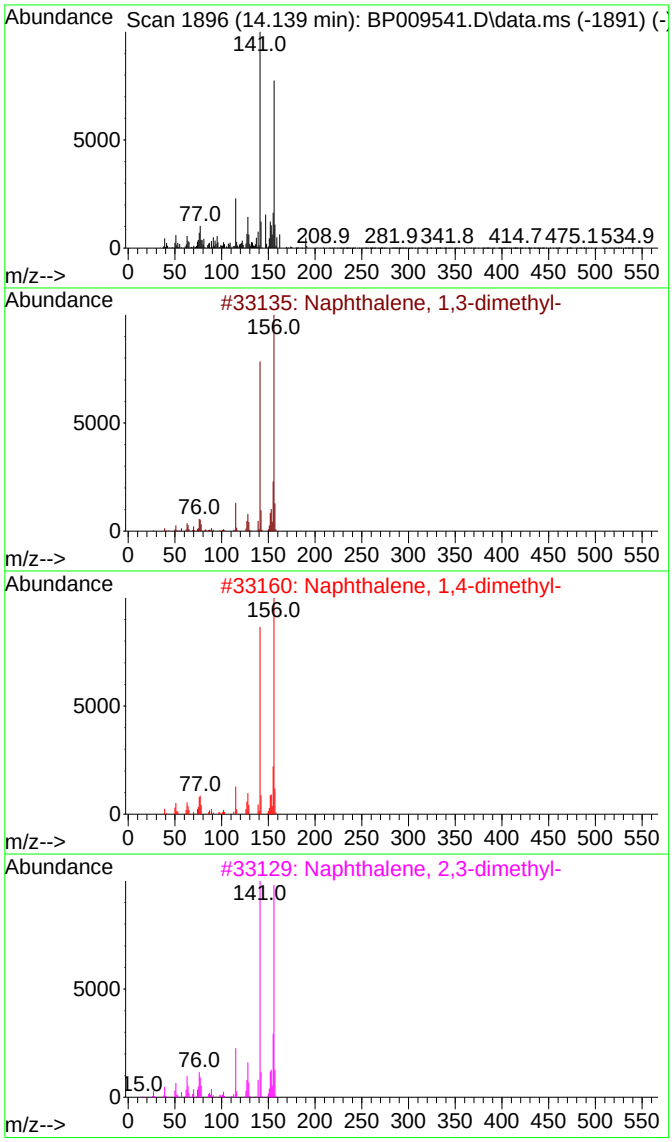
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

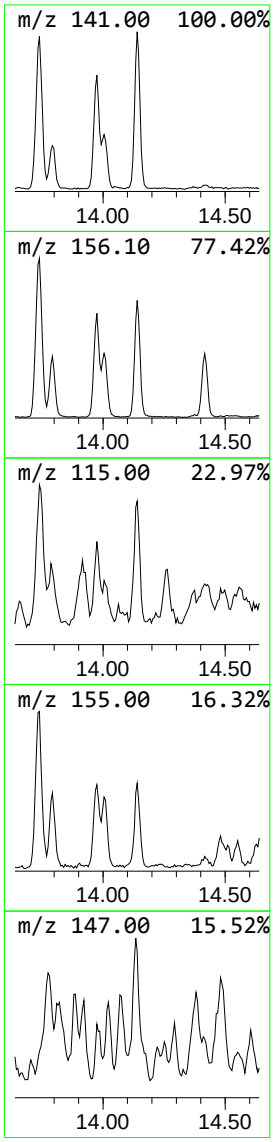
****

Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.140	3.62 ng	556654	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

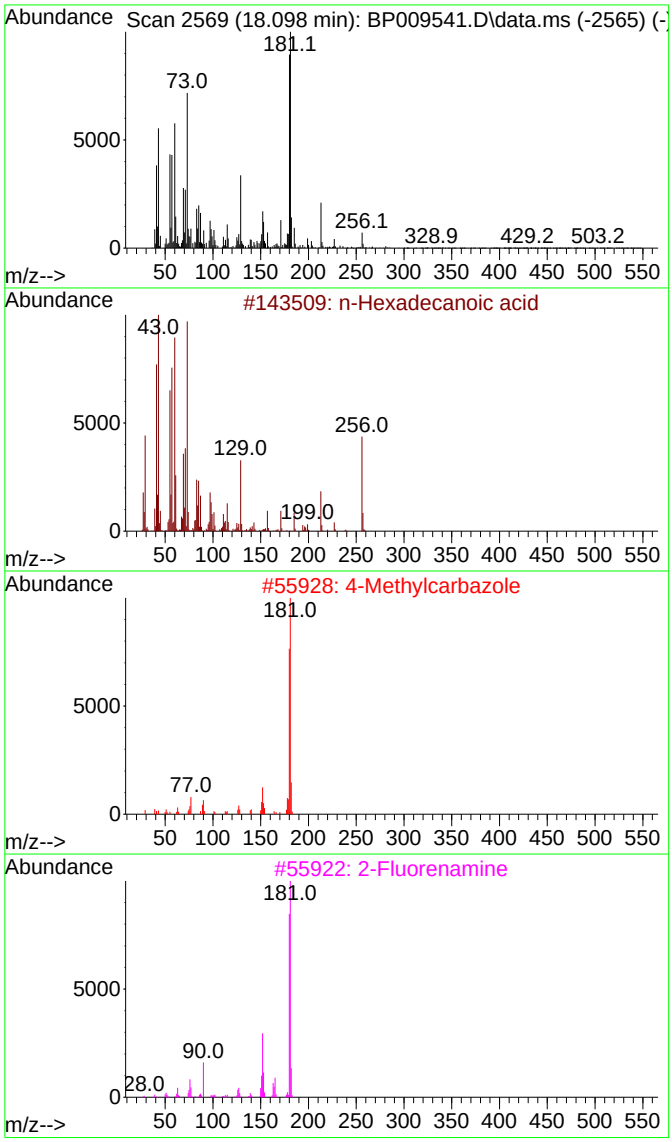
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

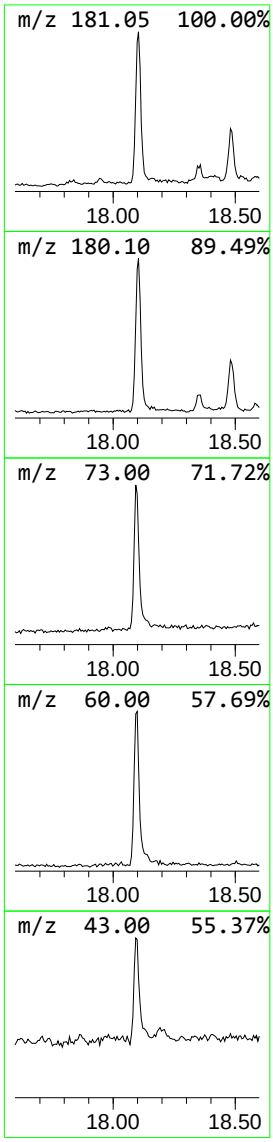
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	3.67 ng	628357	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	4-Methylcarbazole	181	C13H11N	003770-48-7	87
3	2-Fluorenamine	181	C13H11N	000153-78-6	60
4	1-Aminofluorene	181	C13H11N	006344-63-4	60
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

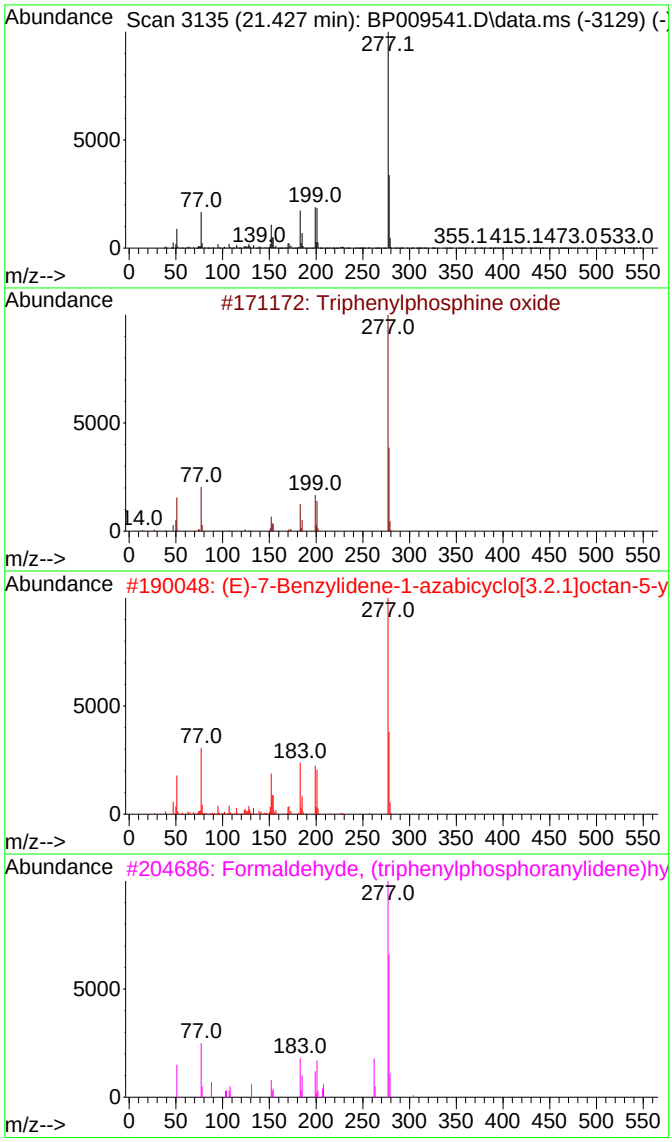
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

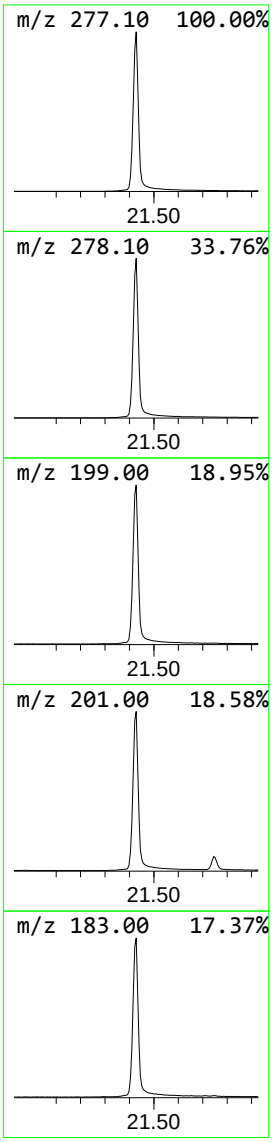
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	106.93 ng	20714500	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009541.D
Acq On : 24 Mar 2022 21:49
Operator : CG/JU
Sample : N2090-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-48

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Butane, 2-metho...	3.022	26.4	ng	2096920	1	7.769	1586570	20.0
Di-sec-Butyl ether	4.246	4.0	ng	315863	1	7.769	1586570	20.0
Acetaldehyde, d...	4.305	4.8	ng	379964	1	7.769	1586570	20.0
Benzene, (1-met...	6.269	8.6	ng	680884	1	7.769	1586570	20.0
Indane	8.146	36.5	ng	2897410	1	7.769	1586570	20.0
Benzene, 1,3-di...	8.269	4.9	ng	388640	1	7.769	1586570	20.0
Benzene, 1,2,4,...	9.399	7.6	ng	984851	2	10.563	2583000	20.0
Indan, 1-methyl-	9.816	2.6	ng	332360	2	10.563	2583000	20.0
Benzene, 2-ethe...	9.969	15.1	ng	1953590	2	10.563	2583000	20.0
unknown10.616	10.616	2.5	ng	327965	2	10.563	2583000	20.0
Naphthalene, 1,...	11.146	2.8	ng	366107	2	10.563	2583000	20.0
1H-Indene, 2,3-...	11.481	2.4	ng	307793	2	10.563	2583000	20.0
Benzene, (3-met...	11.681	3.5	ng	448754	2	10.563	2583000	20.0
Naphthalene, 1,...	12.122	3.0	ng	383707	2	10.563	2583000	20.0
Tricyclo[5.2.1....	12.251	2.9	ng	379053	2	10.563	2583000	20.0
Naphthalene, 1,...	13.740	5.0	ng	768004	3	14.416	3071380	20.0
Naphthalene, 1,...	14.140	3.6	ng	556654	3	14.416	3071380	20.0
n-Hexadecanoic ...	18.098	3.7	ng	628357	4	17.180	3426750	20.0
Triphenylphosph...	21.427	106.9	ng	20714500	5	21.292	3874490	20.0