LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP032322

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: BP009537.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	15	rVB	1796128	2217418	9.11%	2.100%
2	3.117	17	22	27	rVB	230338	348748	1.43%	0.330%
3	3.769	129	133	142	rVB2	227166	475461	1.95%	0.450%
4	3.858	142	148	154	rBV2	246765	431957	1.77%	0.409%
5	4.252	206	215	220	rBV	387513	672018	2.76%	0.636%
6	4.311	220	225	233	rVB	454614	744785	3.06%	0.705%
7	4.493	251	256	261	rBV	333663	464592	1.91%	0.440%
8	5.305	387	394	400	rBV	648210	1055976	4.34%	1.000%
9	5.375	400	406	417	rBV	1971584	3479997	14.29%	3.295%
10	6.269	552	558	570	rBV	644618	1147301	4.71%	1.086%
11	6.758	635	641	652	rBV	740759	1298317	5.33%	1.229%
12	6.963	664	676	696	rBV	984164	2074391	8.52%	1.964%
13	7.169	697	711	721	rVB	125147	286360	1.18%	0.271%
14	7.646	779	792	795	rBV	143746	292850	1.20%	0.277%
15	7.769	806	813	822	rBV	901562	1620633	6.65%	1.535%
16	8.146	870	877	891	rVB	2637076	4535944	18.63%	4.295%
17	8.269	891	898	904	rBV	416702	720446	2.96%	0.682%
18	8.416	918	923	927	rBV2	190064	340083	1.40%	0.322%
19	8.463	927	931	939	rVB	269980	464996	1.91%	0.440%
20	8.575	945	950	959	rBV	222890	396612	1.63%	0.376%
21	8.769	971	983	990	rVB	154154	302552	1.24%	0.287%
22	8.881	990	1002	1004	rBV	296245	510492	2.10%	0.483%
23	8.928	1004	1010	1030	rVB2	2957093	6845982	28.11%	6.483%
24	9.222	1054	1060	1072	rVB	161914	318395	1.31%	0.302%
25	9.399	1077	1090	1097	rBV	326636	674945	2.77%	0.639%
26	9.763	1146	1152	1158	rBV2	130061	279841	1.15%	0.265%
27	9.975	1175	1188	1197	rBV3	126733	350570	1.44%	0.332%
28	10.563	1275	1288	1294	rBV	1114047	2228294	9.15%	2.110%
29	10.622	1294	1298	1304	rVB3	153340	298683	1.23%	0.283%
30	13.040	1700	1709	1724	rBV	7318802	12260042	50.34%	11.610%
31	14.416	1933	1943	1950	rBV	1697236	2688624	11.04%	2.546%
32	14.481	1950	1954	1966	rVB	167279	292694	1.20%	0.277%
33	15.916	2191	2198	2209	rBV	5093278	8327873	34.20%	7.886%
34	17.180	2407	2413	2423	rBV	1809192	2743295	11.26%	2.598%
35	19.763	2846	2852	2864	rBV	10476464	13963110	57.34%	13.223%
36	21.292	3108	3112	3118	rBV	2105904	2863386	11.76%	2.712%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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	21.416	3127	3133	3160	rBV	15553389	24353025	100.00%	23.062%
38	23.686	3513	3519	3531	rVB2	1516411	3229640	13.26%	3.058%

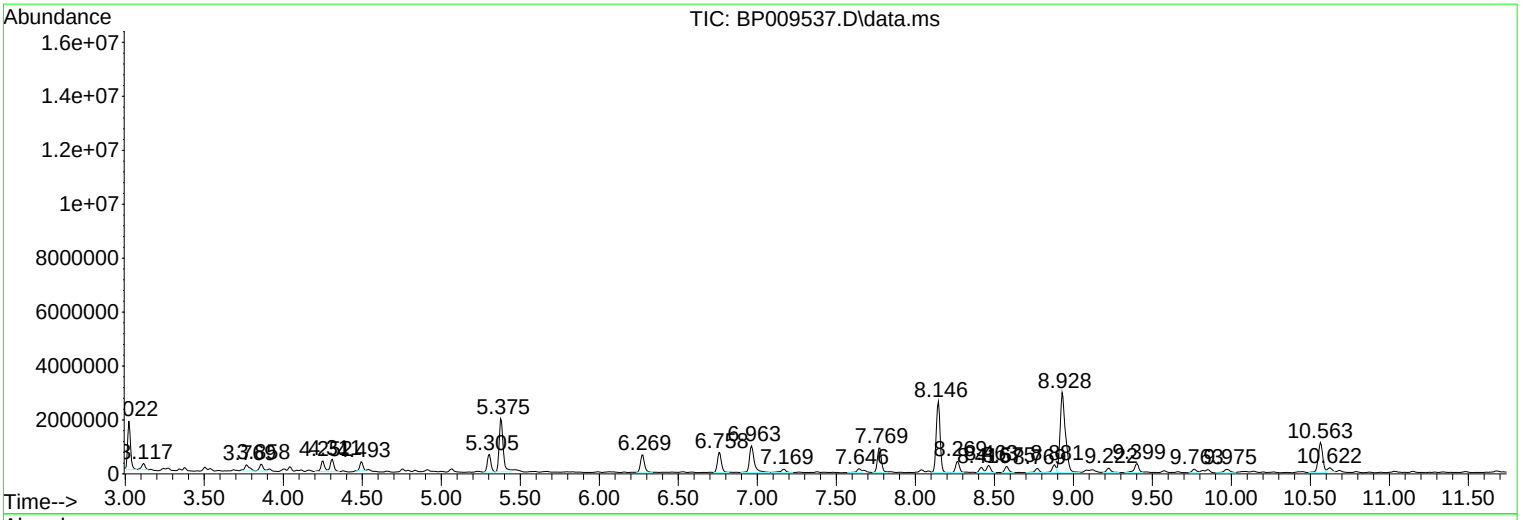
Sum of corrected areas: 105600328

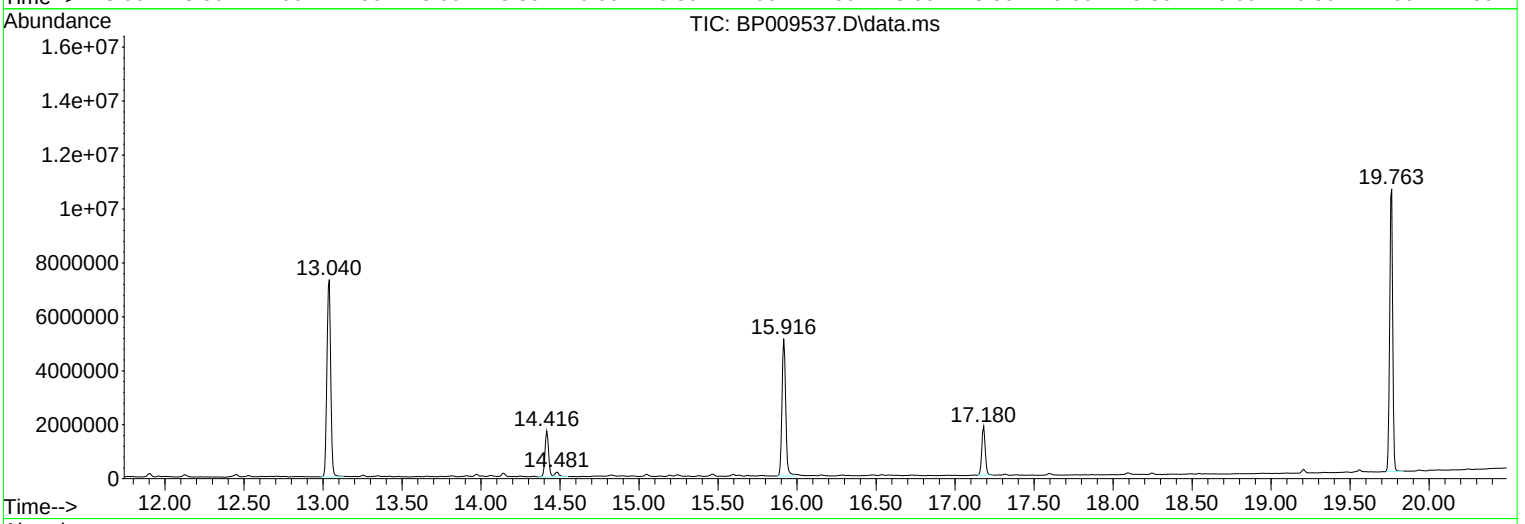
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

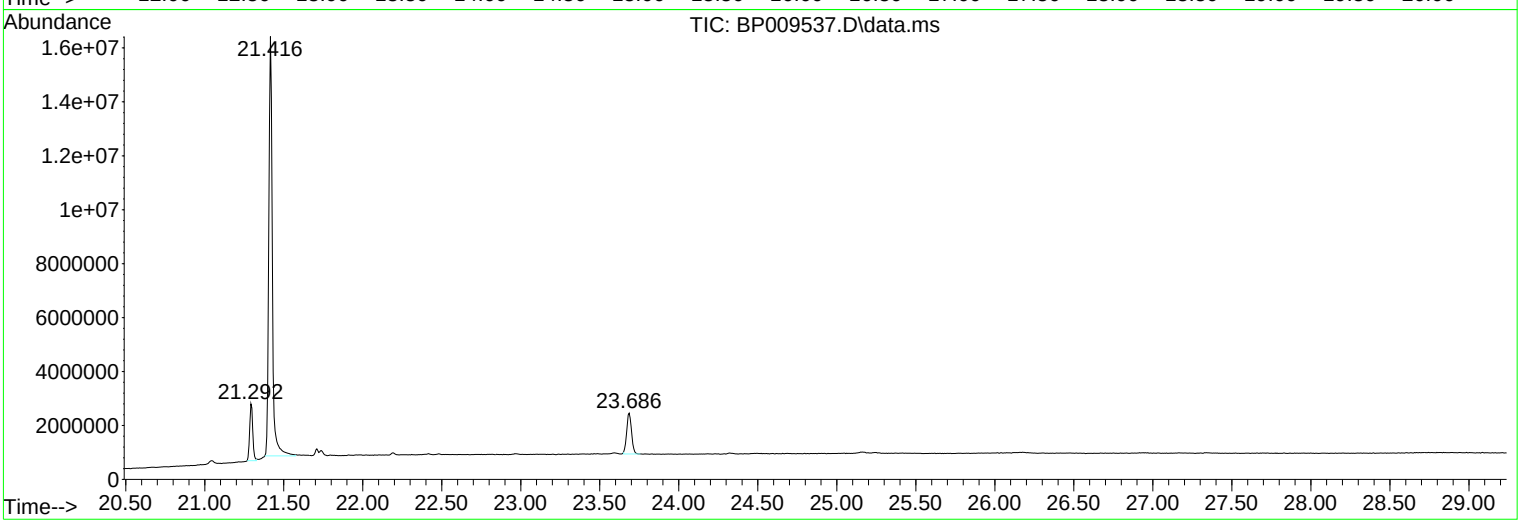
Instrument :
BNA_P
ClientSampleId :
DUP032322

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 : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

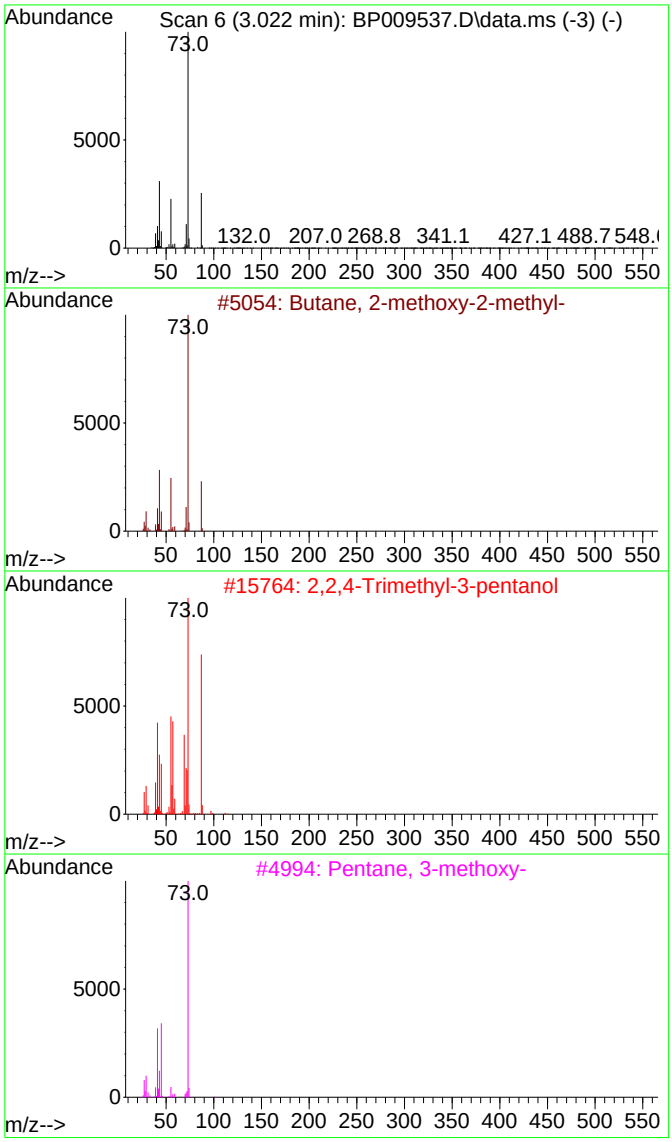
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

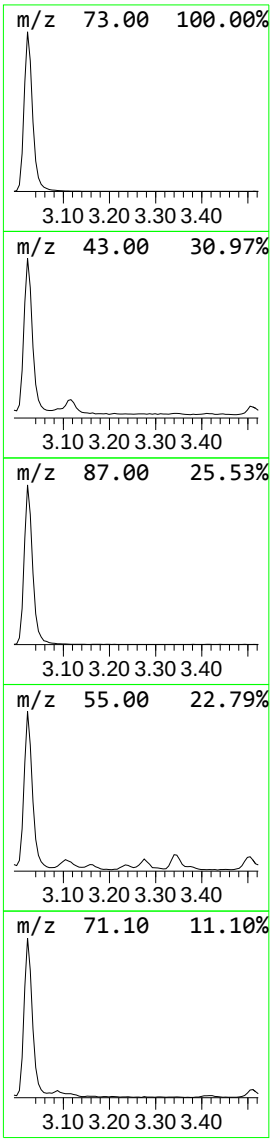
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.022	27.36 ng	2217420	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

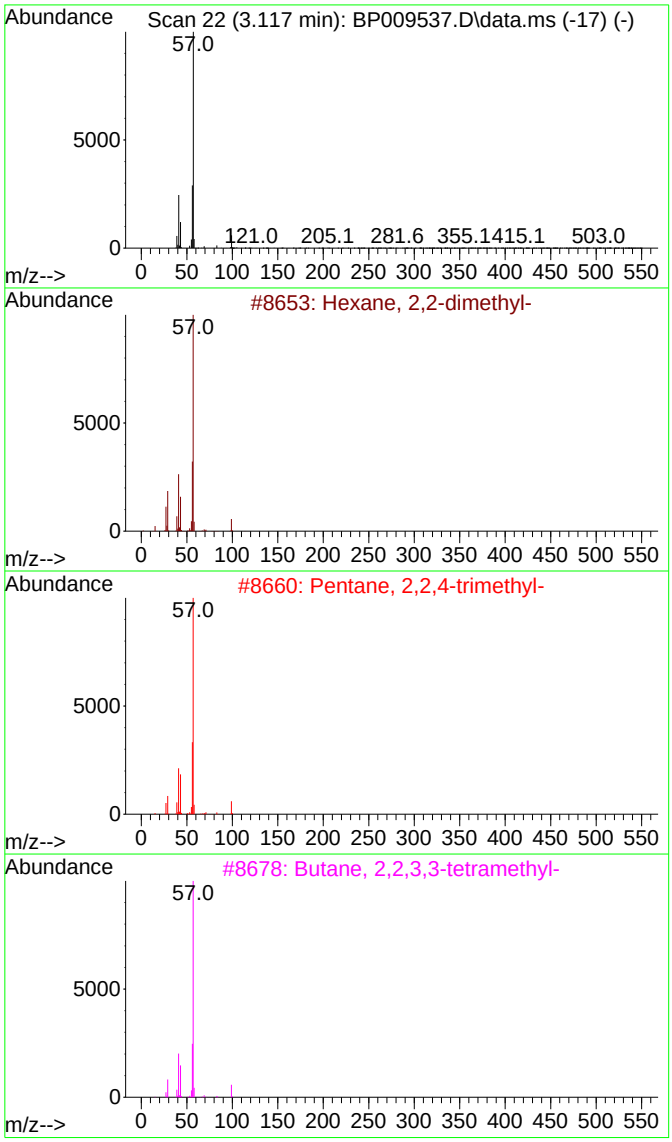
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

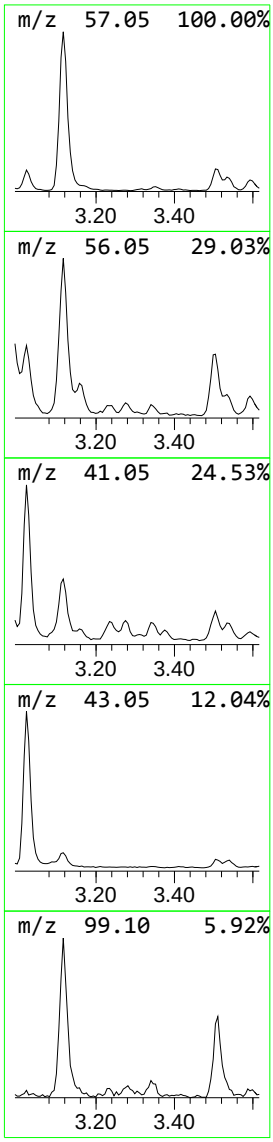
****

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	4.30 ng	348748	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

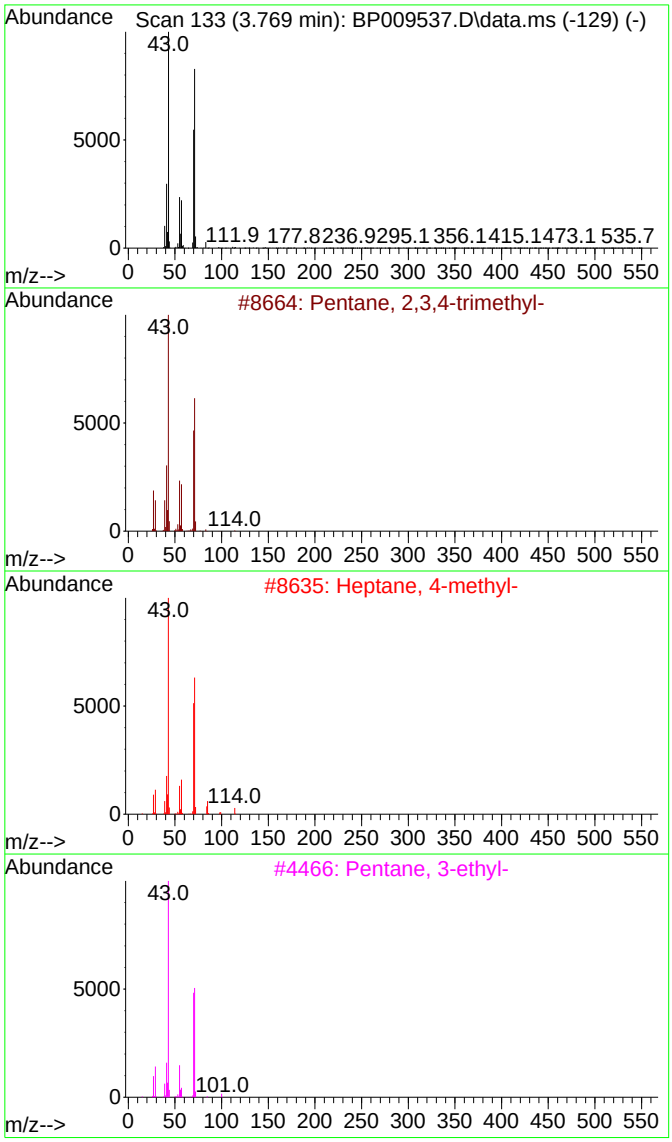
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

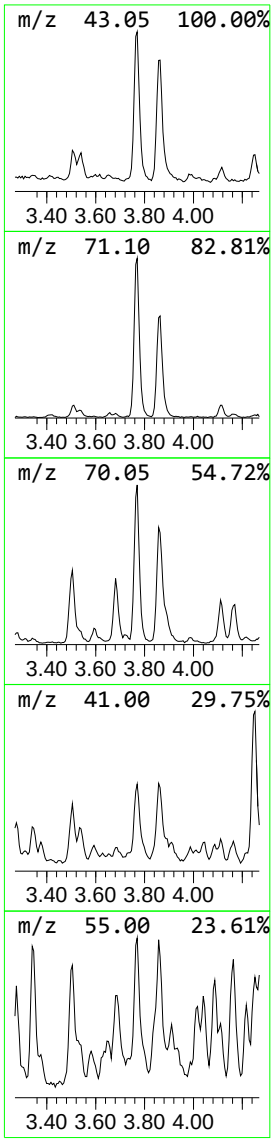
****

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	5.87 ng	475461	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

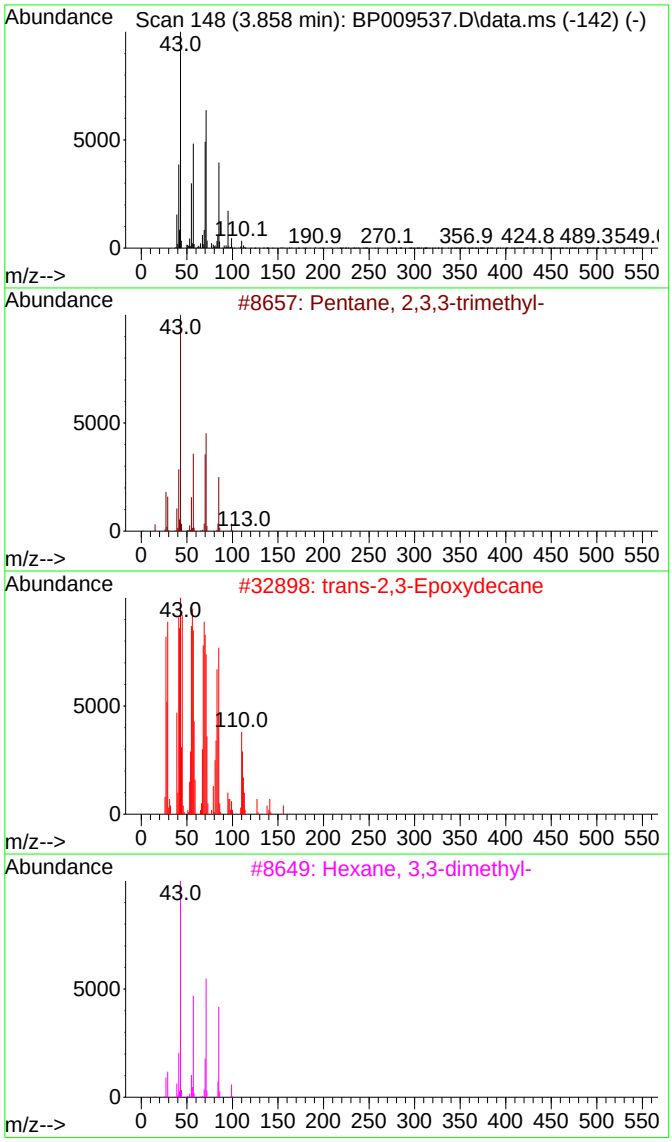
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

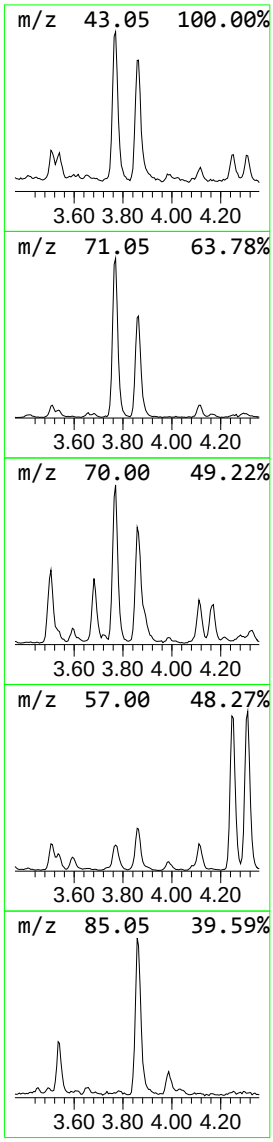
****

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.858	5.33 ng	431957	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	86
2	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

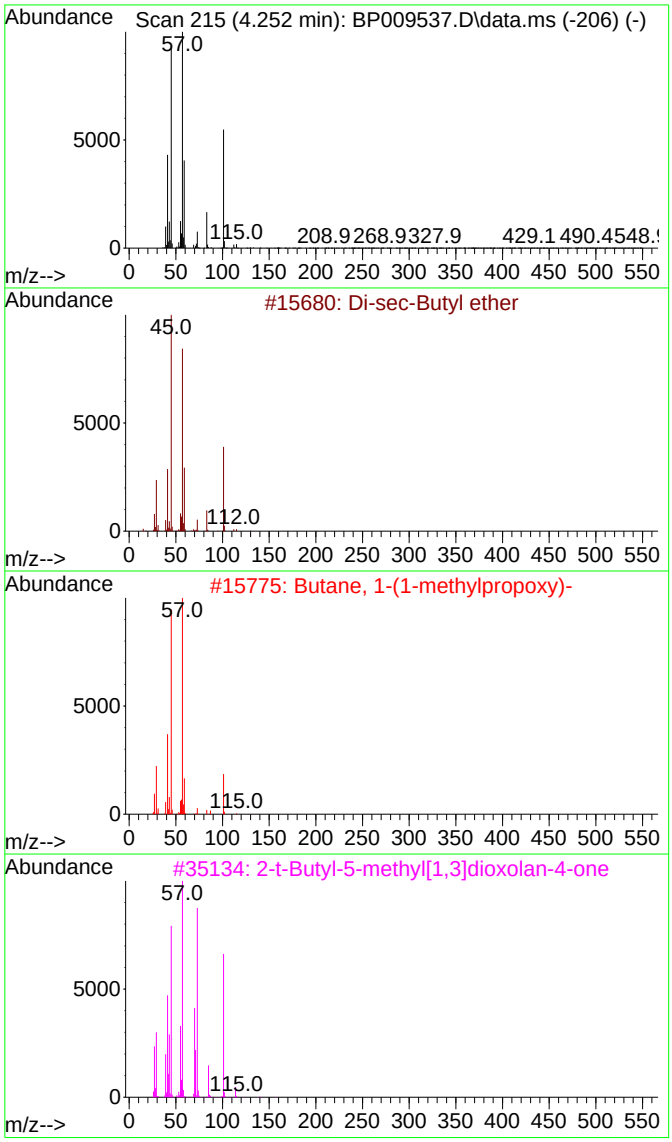
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

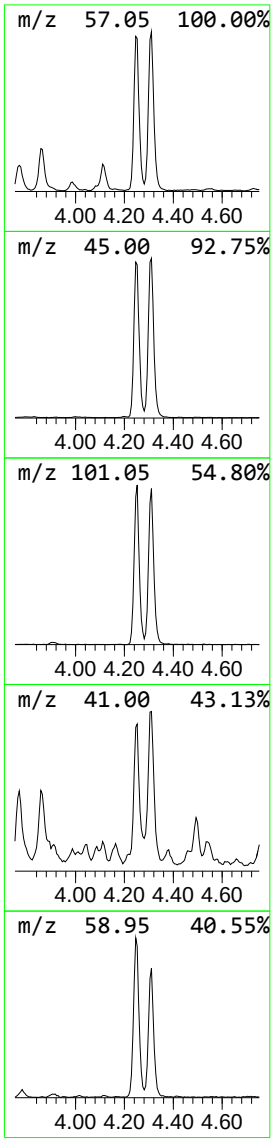
****

Peak Number 5 Di-sec-Butyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.252	8.29 ng	672018	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	87
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
3	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	42
4	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	40
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

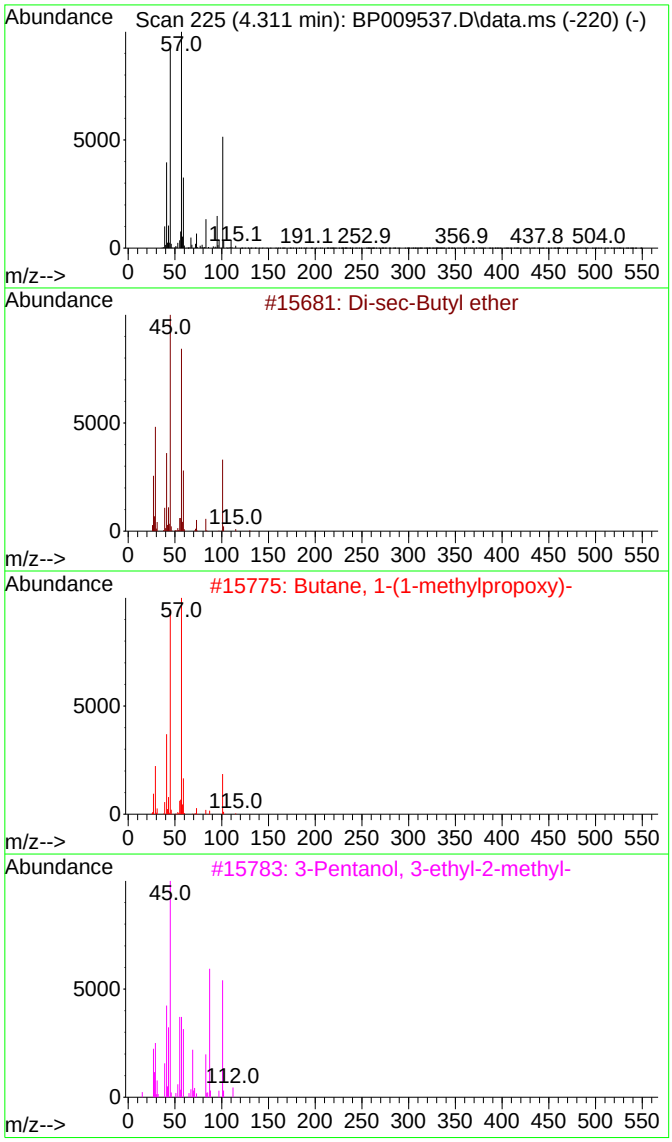
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

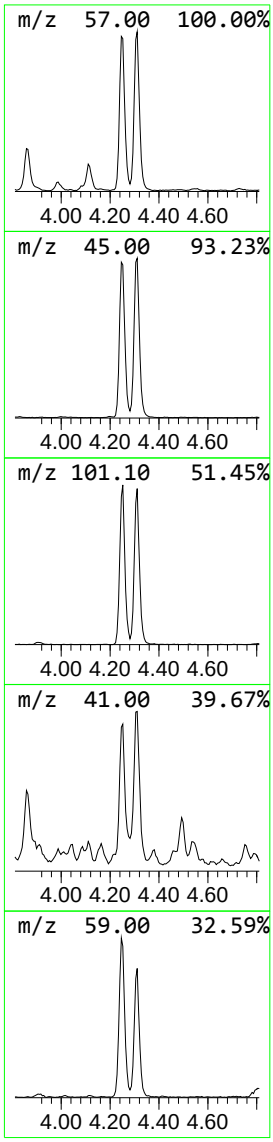
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butane, 1-(1-methylpropoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.311	9.19 ng	744785	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	78
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
3	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	50
4	Fructofuranose, 2,6-anhydro-1,3,...	204	C9H16O5	004451-11-0	33
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

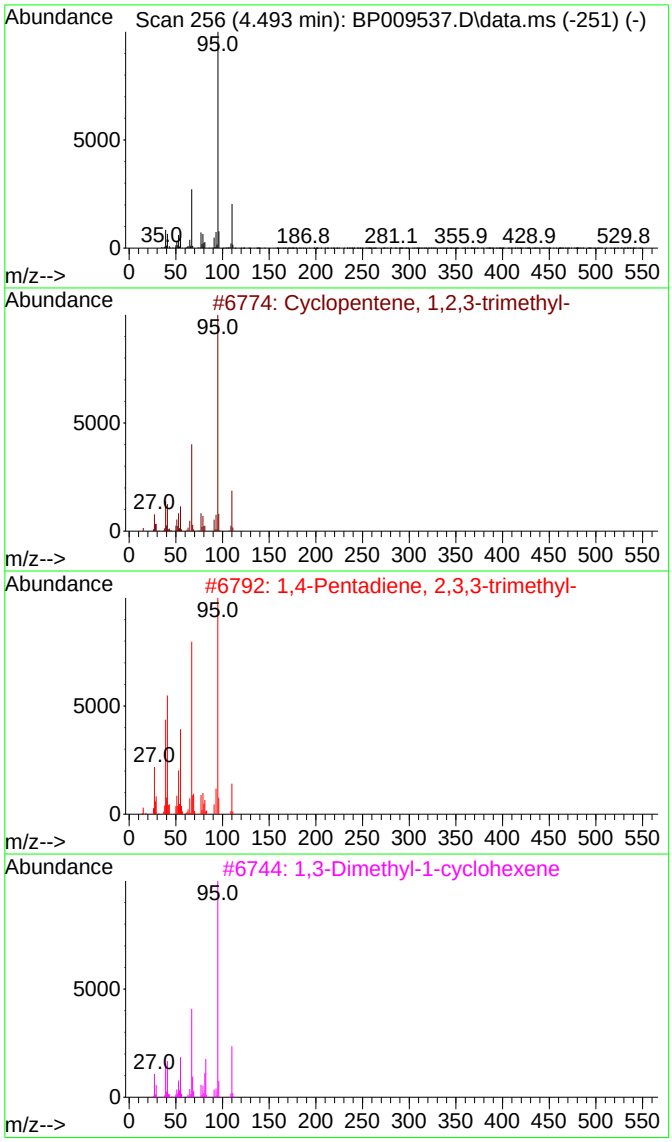
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

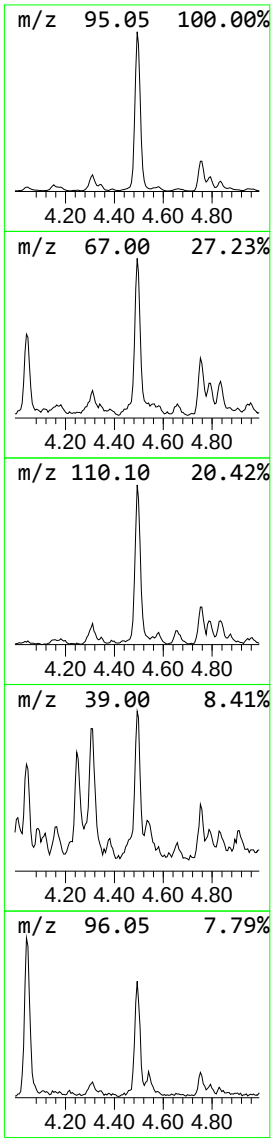
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.493	5.73 ng	464592	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	90
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	74
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

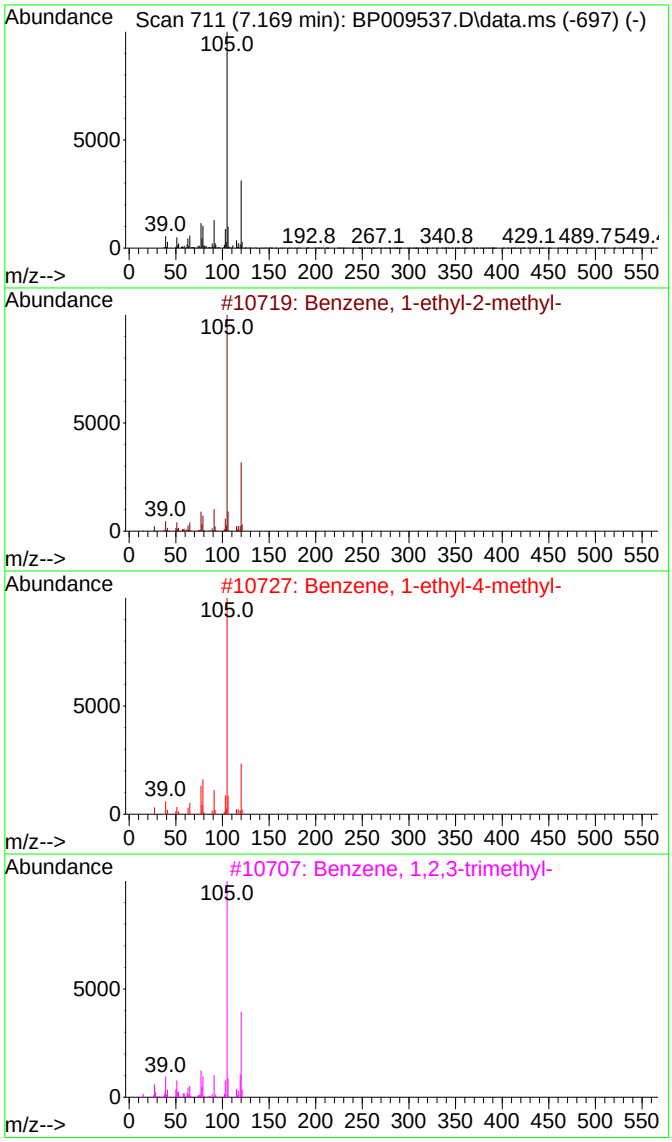
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

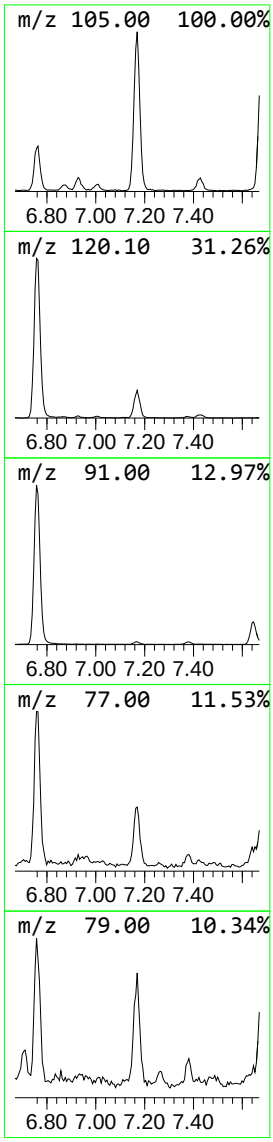
****

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	3.53 ng	286360	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

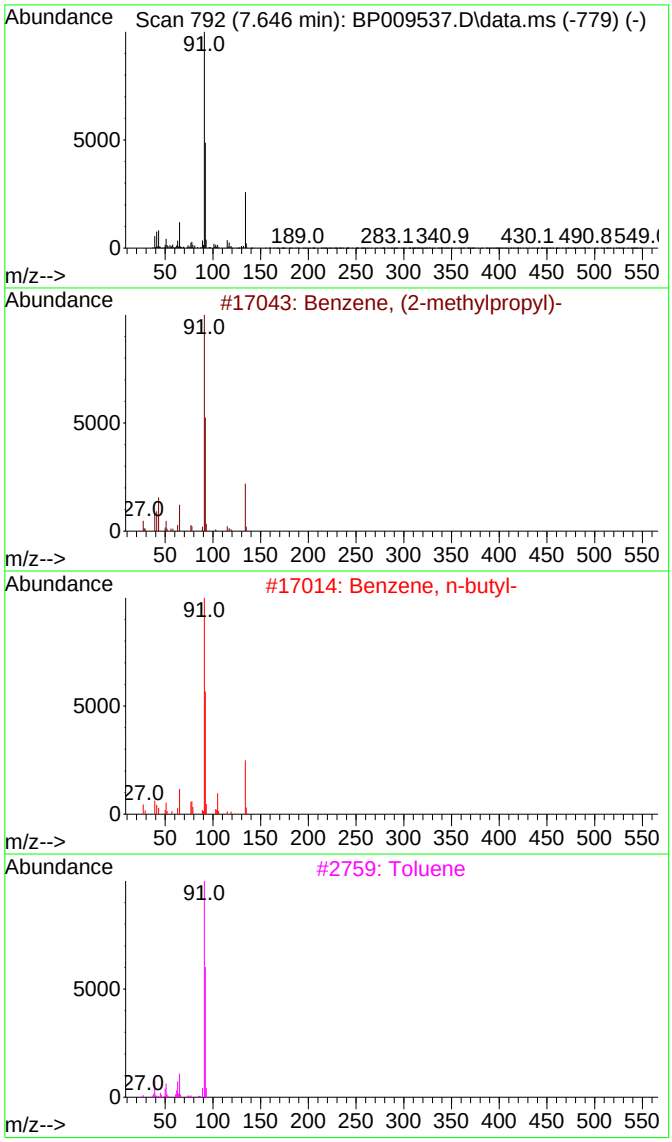
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

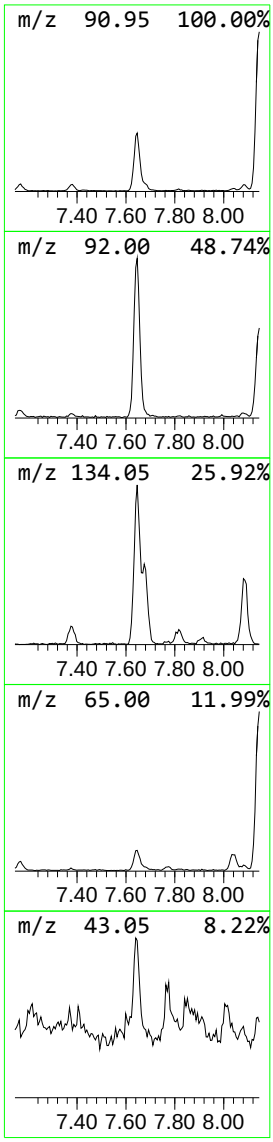
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.646	3.61 ng	292850	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, n-butyl-	134	C10H14	000104-51-8	80
3	Toluene	92	C7H8	000108-88-3	52
4	(3-Bromo-1-methylpropoxymethyl)b...	242	C11H15BrO	051666-29-6	50
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

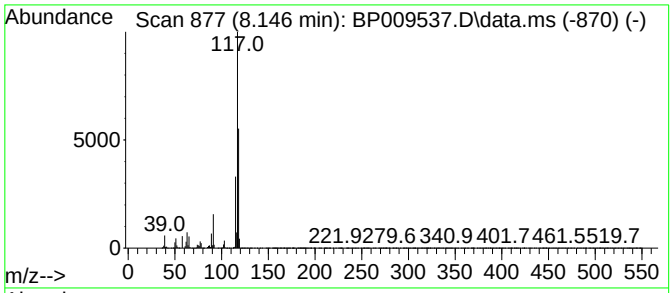
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

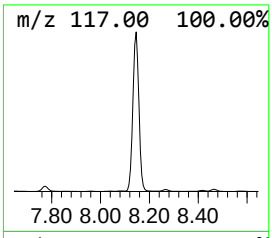
****

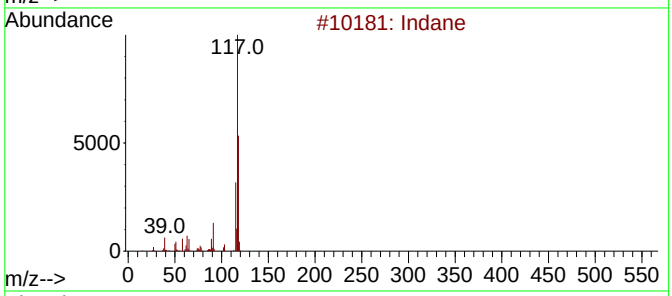
Peak Number 13 Indane Concentration Rank 2

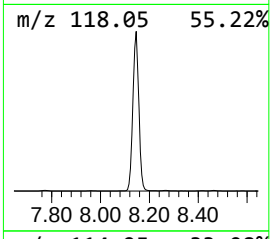
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	55.98 ng	4535940	1,4-Dichlorobenzene-d4	7.775

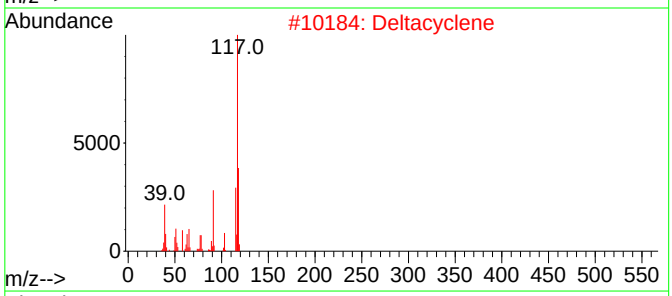
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49

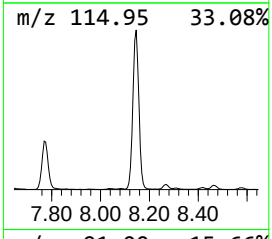


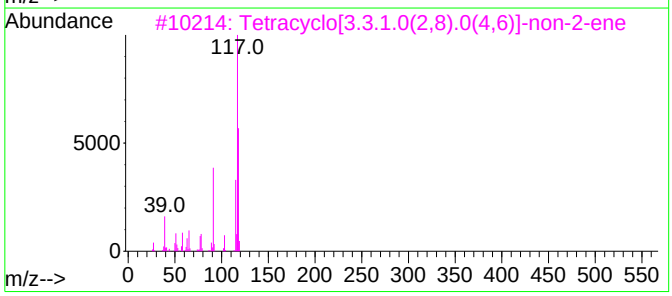


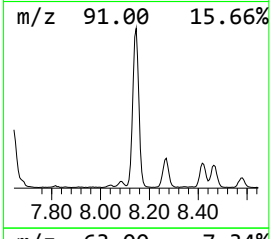


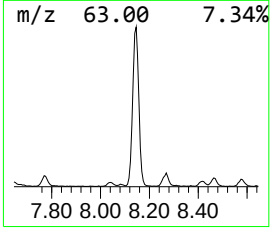












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

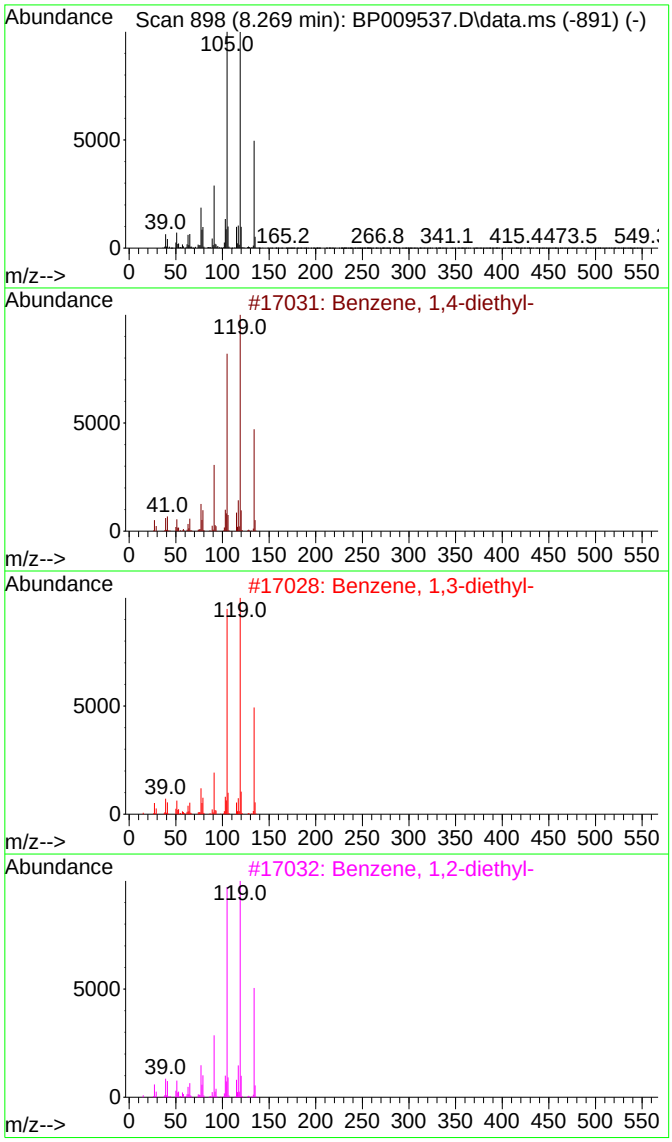
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

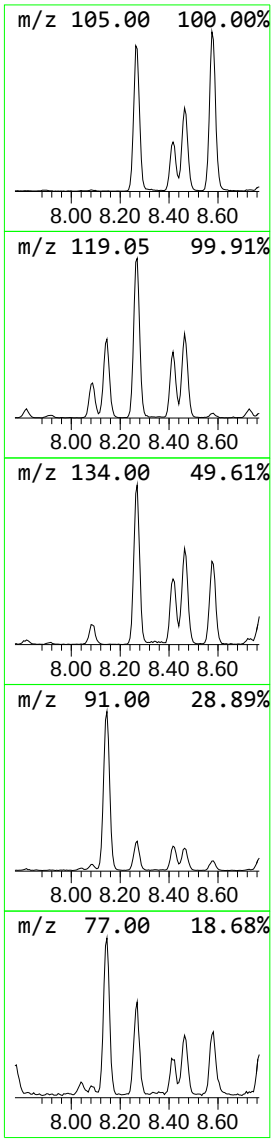
****

Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	8.89 ng	720446	1,4-Dichlorobenzene-d4	7.775

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	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-1,3-dimethyl-	134	C10H14	002870-04-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

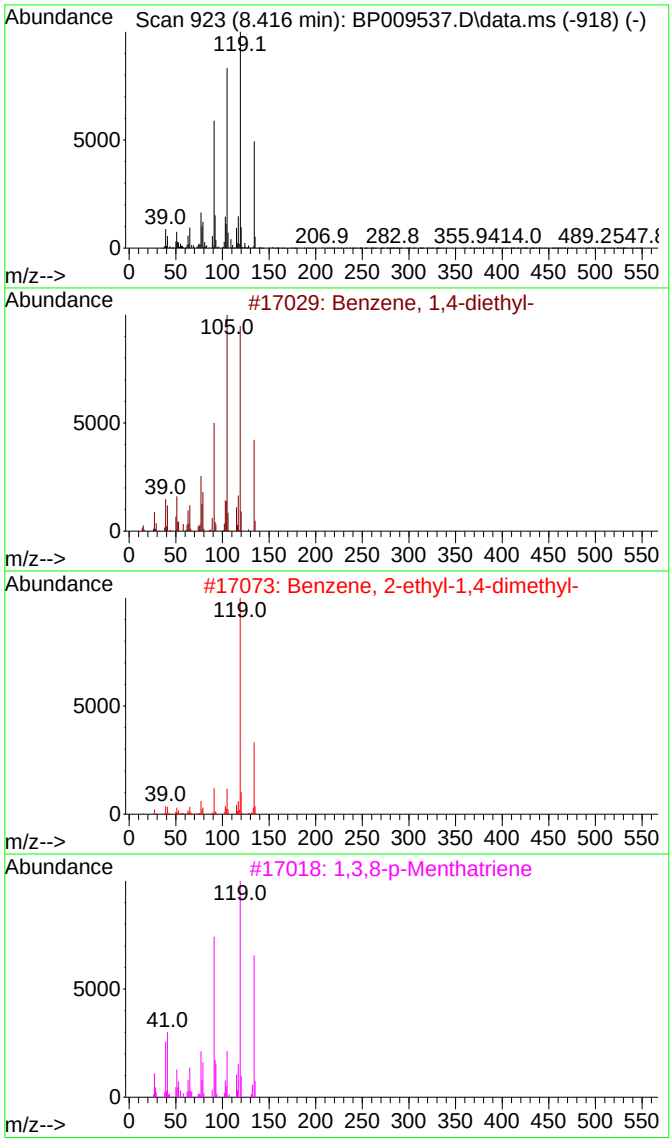
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

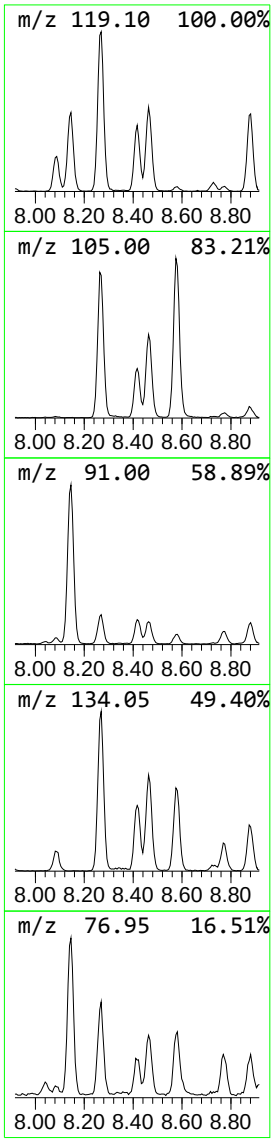
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	4.20 ng	340083	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

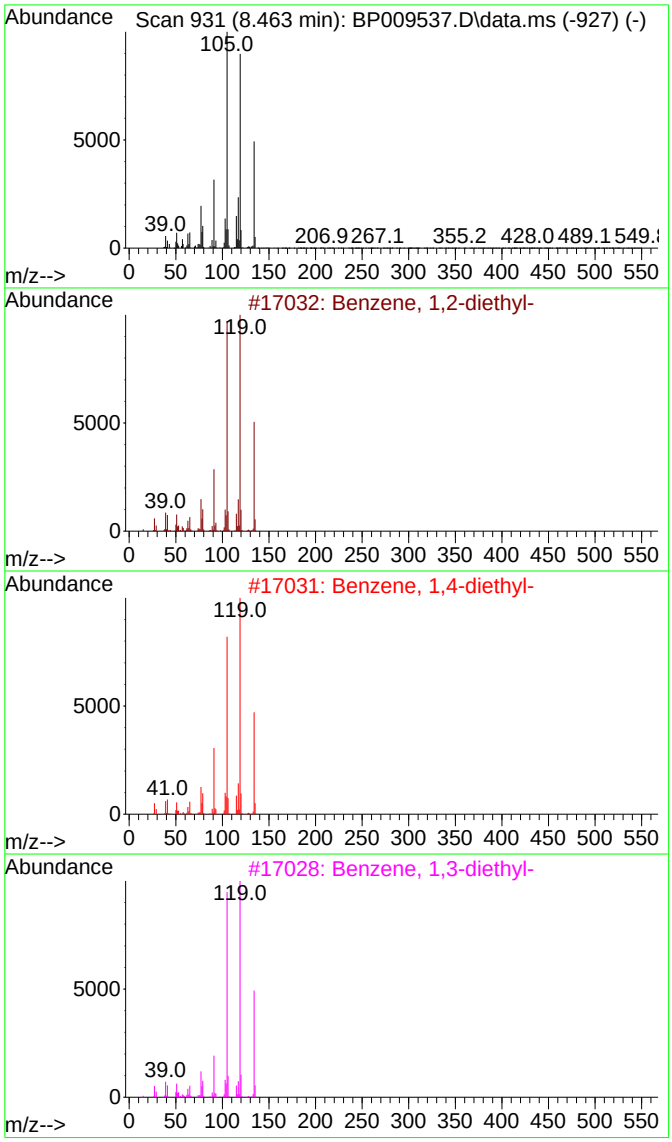
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

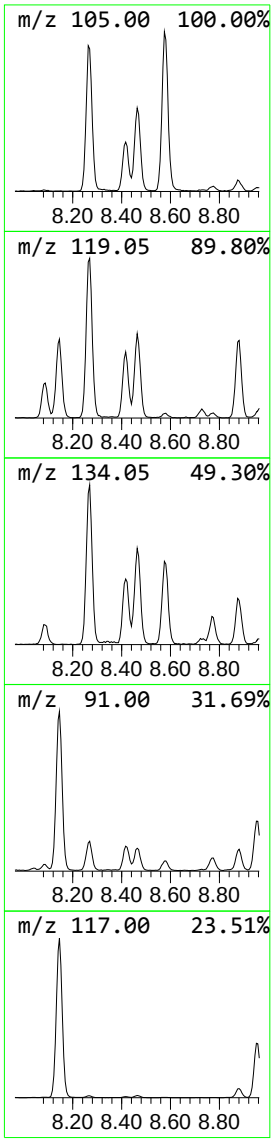
****

Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	5.74 ng	464996	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	74
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

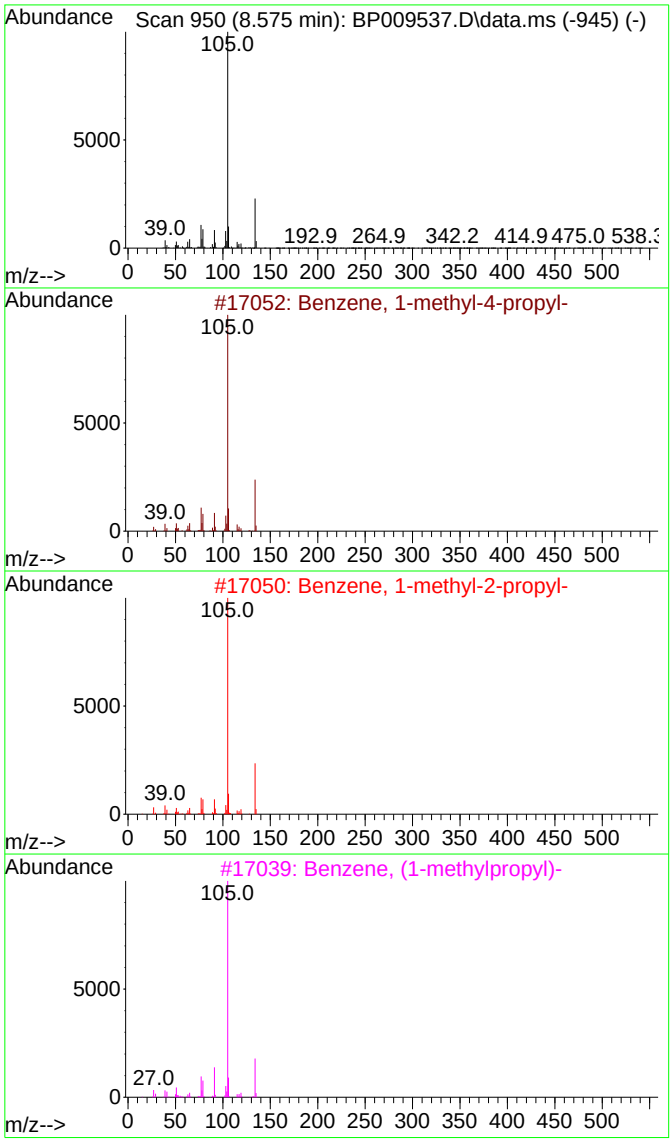
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

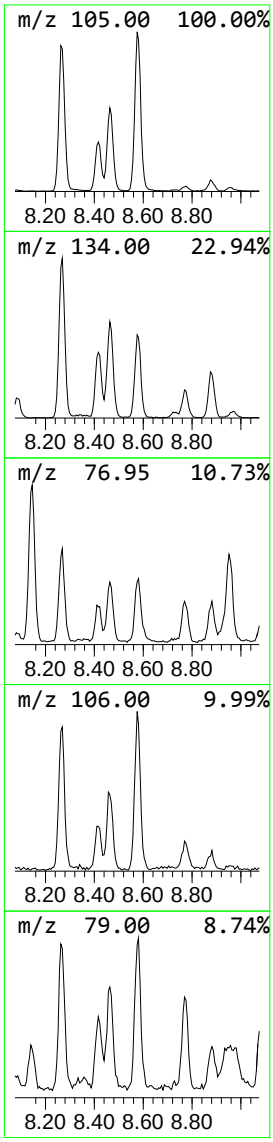
****

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	4.89 ng	396612	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

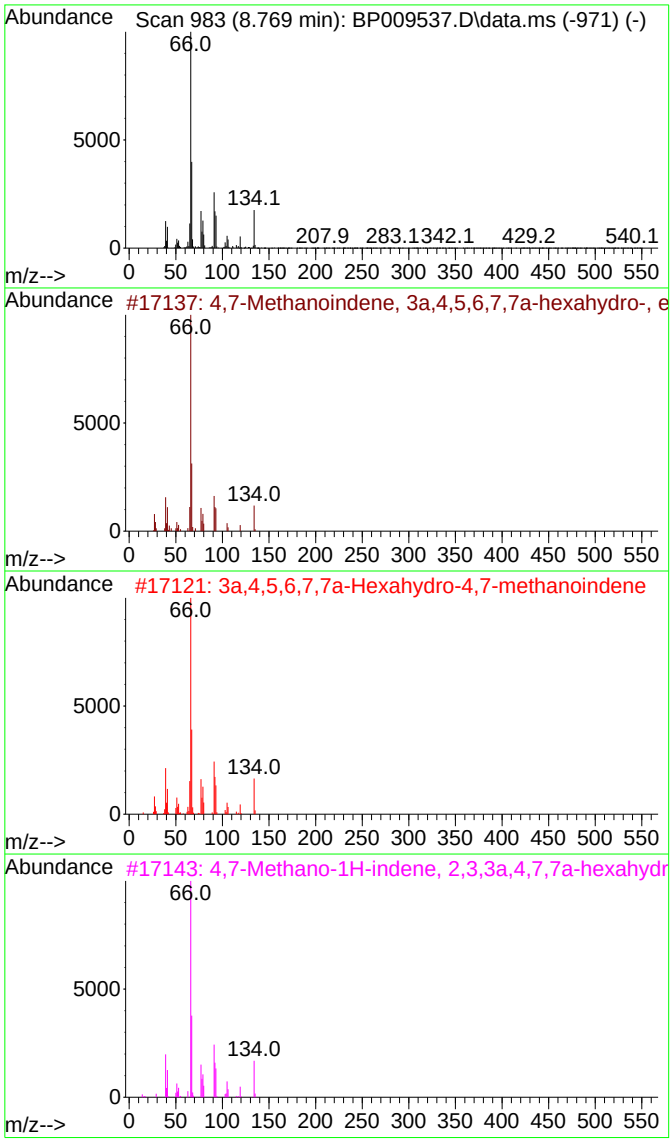
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

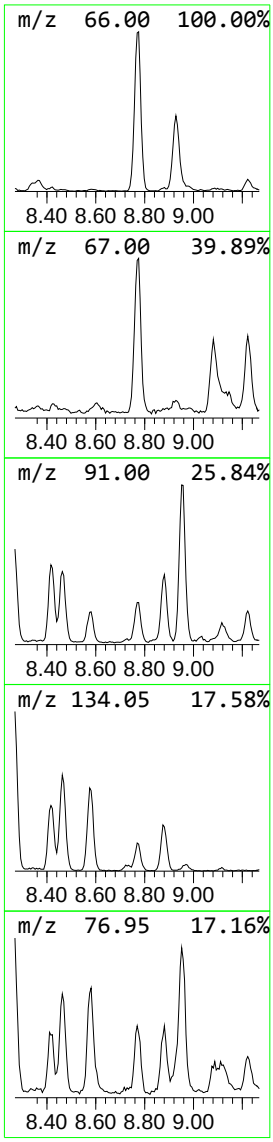
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4,7-Methanoindene, 3a,4,5,6... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	3.73 ng	302552	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	97
2	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	96
3	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	94
4	5-Allyl-2-norbornene	134	C10H14	031663-53-3	90
5	5-Norbornane-2-carboxaldehyde	122	C8H10O	005453-80-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

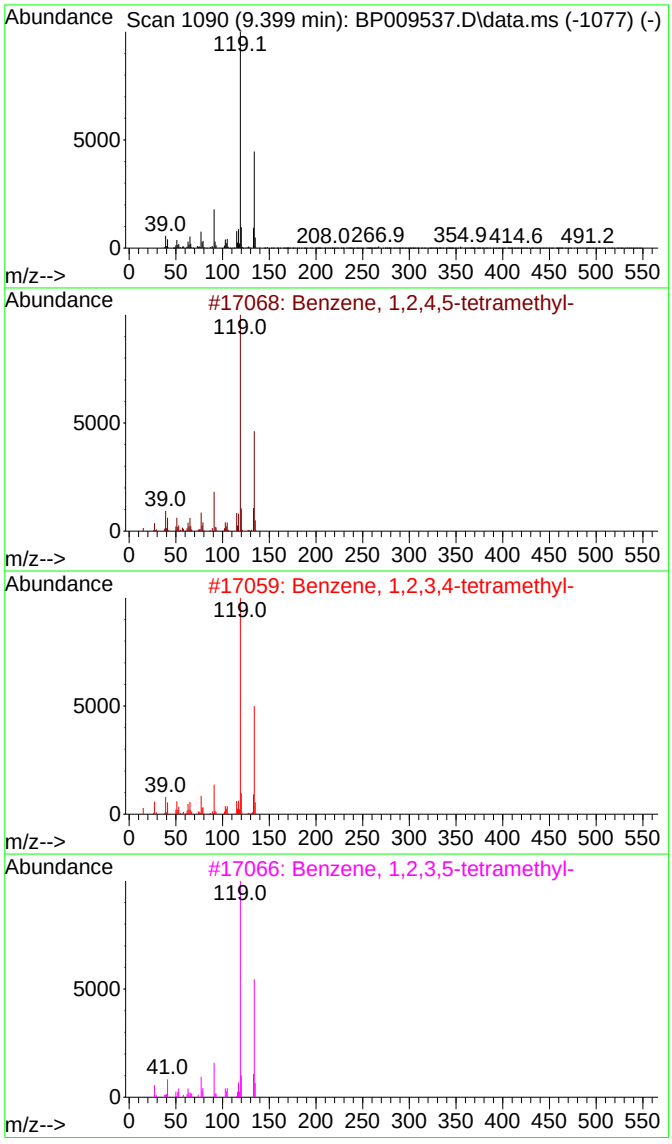
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

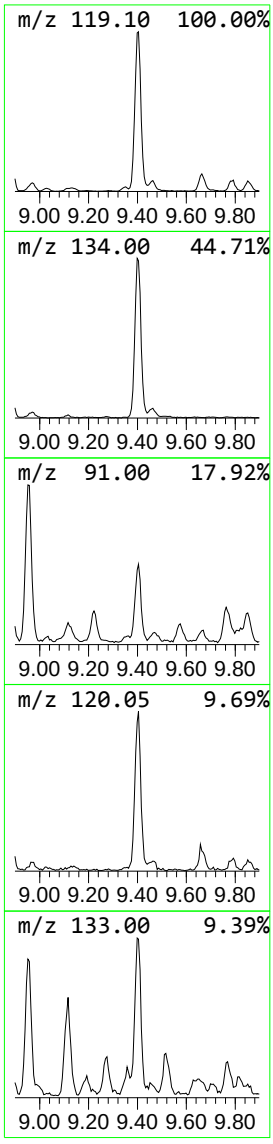
****

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.399	6.06 ng	674945	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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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

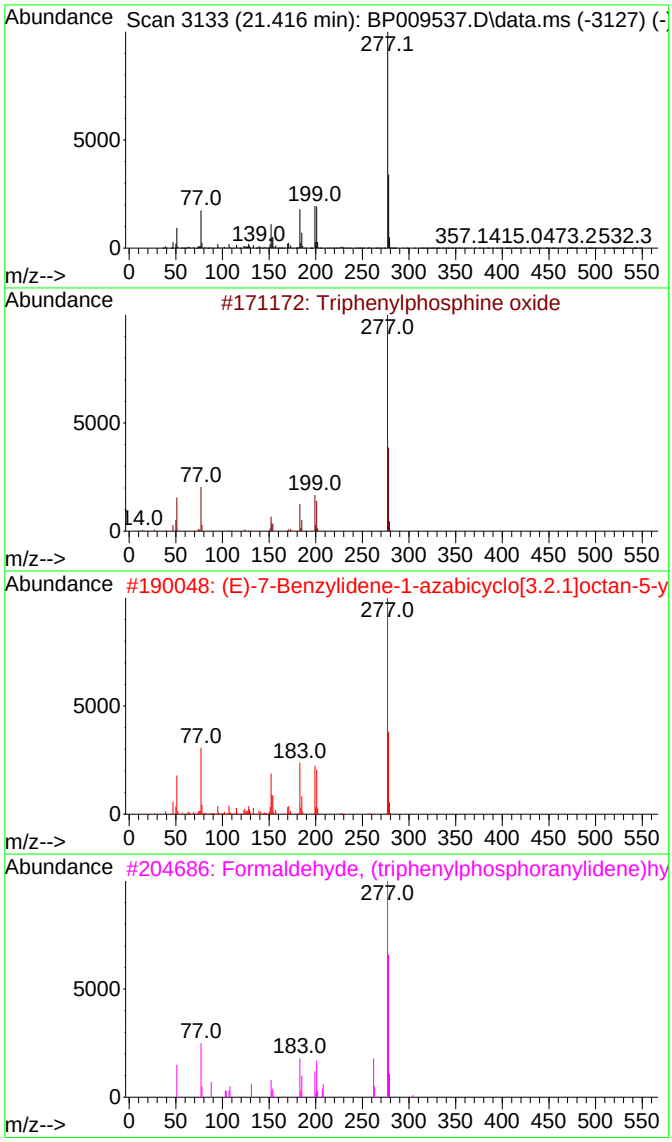
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

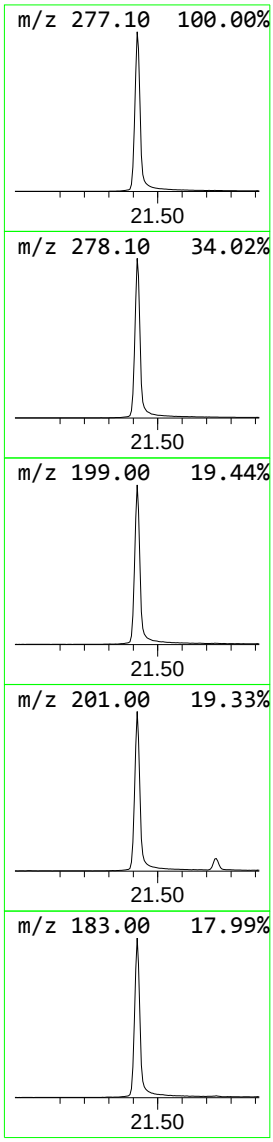
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	170.10 ng	24353000	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	32
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009537.D
Acq On : 24 Mar 2022 19:34
Operator : CG/JU
Sample : N2090-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP032322

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	27.4	ng	2217420	1	7.775	1620630	20.0
Hexane, 2,2-dim...	3.117	4.3	ng	348748	1	7.775	1620630	20.0
Pentane, 2,3,4-...	3.769	5.9	ng	475461	1	7.775	1620630	20.0
Pentane, 2,3,3-...	3.858	5.3	ng	431957	1	7.775	1620630	20.0
Di-sec-Butyl ether	4.252	8.3	ng	672018	1	7.775	1620630	20.0
Butane, 1-(1-me...	4.311	9.2	ng	744785	1	7.775	1620630	20.0
Cyclopentene, 1...	4.493	5.7	ng	464592	1	7.775	1620630	20.0
Benzene, 1-ethy...	7.169	3.5	ng	286360	1	7.775	1620630	20.0
Benzene, (2-met...	7.646	3.6	ng	292850	1	7.775	1620630	20.0
Indane	8.146	56.0	ng	4535940	1	7.775	1620630	20.0
Benzene, 1,4-di...	8.269	8.9	ng	720446	1	7.775	1620630	20.0
Benzene, 2-ethy...	8.416	4.2	ng	340083	1	7.775	1620630	20.0
Benzene, 1,2-di...	8.463	5.7	ng	464996	1	7.775	1620630	20.0
Benzene, 1-meth...	8.575	4.9	ng	396612	1	7.775	1620630	20.0
4,7-Methanoinde...	8.769	3.7	ng	302552	1	7.775	1620630	20.0
Benzene, 1,2,4,...	9.399	6.1	ng	674945	2	10.563	2228290	20.0
Triphenylphosph...	21.416	170.1	ng	24353000	5	21.292	2863390	20.0