LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WO-5

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_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.657	262	267	274	rVB	58867	91477	5.44%	0.547%
2	4.969	482	490	496	rBV2	41898	82796	4.92%	0.495%
3	5.322	547	550	556	rVB	739061	724395	43.06%	4.328%
4	6.216	698	702	705	rBV2	183501	172920	10.28%	1.033%
5	6.245	705	707	710	rBV	100565	81289	4.83%	0.486%
6	6.322	716	720	723	rBV	112979	118660	7.05%	0.709%
7	6.357	723	726	732	rVV	883040	786501	46.75%	4.699%
8	6.410	732	735	741	rVB3	76718	89449	5.32%	0.534%
9	6.545	755	758	763	rBV	226207	204006	12.13%	1.219%
10	6.722	784	788	790	rBV	1618723	1210694	71.96%	7.234%
11	6.745	790	792	795	rVB	137350	109070	6.48%	0.652%
12	6.781	795	798	800	rBV	143591	115362	6.86%	0.689%
13	6.851	807	810	816	rVB	163170	180326	10.72%	1.077%
14	7.004	833	836	840	rVB	242848	218184	12.97%	1.304%
15	7.045	840	843	845	rVV	173578	124909	7.42%	0.746%
16	7.069	845	847	850	rVB	137353	107925	6.42%	0.645%
17	7.263	877	880	881	rBV	165159	138342	8.22%	0.827%
18	7.281	881	883	889	rVB	568353	457346	27.18%	2.733%
19	7.498	915	920	922	rBV2	147196	157630	9.37%	0.942%
20	7.522	922	924	928	rVB	232208	192931	11.47%	1.153%
21	7.669	945	949	950	rBV2	73823	86801	5.16%	0.519%
22	7.745	956	962	966	rBV4	282252	382110	22.71%	2.283%
23	7.781	966	968	971	rVV2	111473	127658	7.59%	0.763%
24	7.828	971	976	981	rVB4	106218	177549	10.55%	1.061%
25	7.881	981	985	988	rBV	84514	76730	4.56%	0.458%
26	8.004	1002	1006	1009	rBV	1865961	1682384	100.00%	10.052%
27	8.028	1009	1010	1013	rVB2	176608	117905	7.01%	0.704%
28	8.181	1031	1036	1039	rBV3	65724	82838	4.92%	0.495%
29	8.263	1044	1050	1052	rBV5	48214	86053	5.11%	0.514%
30	8.357	1064	1066	1069	rVB3	104671	99307	5.90%	0.593%
31	8.392	1069	1072	1075	rBV3	184288	163122	9.70%	0.975%
32	8.475	1084	1086	1089	rVB	144990	100596	5.98%	0.601%
33	8.604	1104	1108	1110	rBV2	105156	109216	6.49%	0.653%
34	8.716	1124	1127	1130	rVB2	217326	199211	11.84%	1.190%
35	8.822	1141	1145	1147	rVB	280590	272992	16.23%	1.631%
36	9.081	1186	1189	1192	rVB	934371	680814	40.47%	4.068%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

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_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.233	1212	1215	1218	rVB2	208757	168308	10.00%	1.006%
38	9.339	1231	1233	1241	rVB4	64313	96886	5.76%	0.579%
39	9.416	1243	1246	1249	rVV2	83771	90135	5.36%	0.539%
40	9.757	1301	1304	1307	rVB	1825653	1398905	83.15%	8.358%
41	9.804	1309	1312	1318	rVV2	78679	82299	4.89%	0.492%
42	9.863	1319	1322	1326	rBV3	156049	152163	9.04%	0.909%
43	10.275	1390	1392	1398	rBV3	113962	121318	7.21%	0.725%
44	10.369	1406	1408	1410	rBV2	102360	102441	6.09%	0.612%
45	10.469	1422	1425	1428	rVB	287188	236007	14.03%	1.410%
46	10.545	1435	1438	1442	rVB	432958	364219	21.65%	2.176%
47	10.927	1500	1503	1507	rBV2	155915	245925	14.62%	1.469%
48	11.122	1533	1536	1539	rBV	488696	414785	24.65%	2.478%
49	11.239	1553	1556	1560	rBV	1451745	1315406	78.19%	7.859%
50	11.798	1647	1651	1654	rBV	1215283	1232365	73.25%	7.363%
51	12.592	1783	1786	1788	rBV	843036	906570	53.89%	5.416%

Sum of corrected areas: 16737230

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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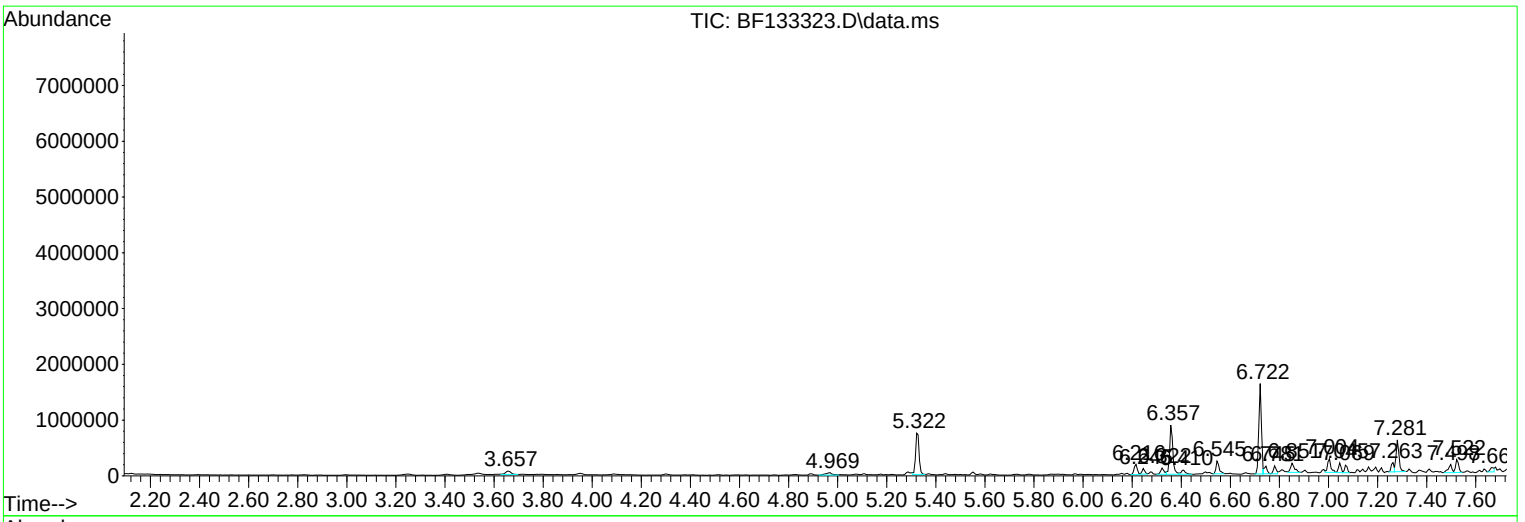
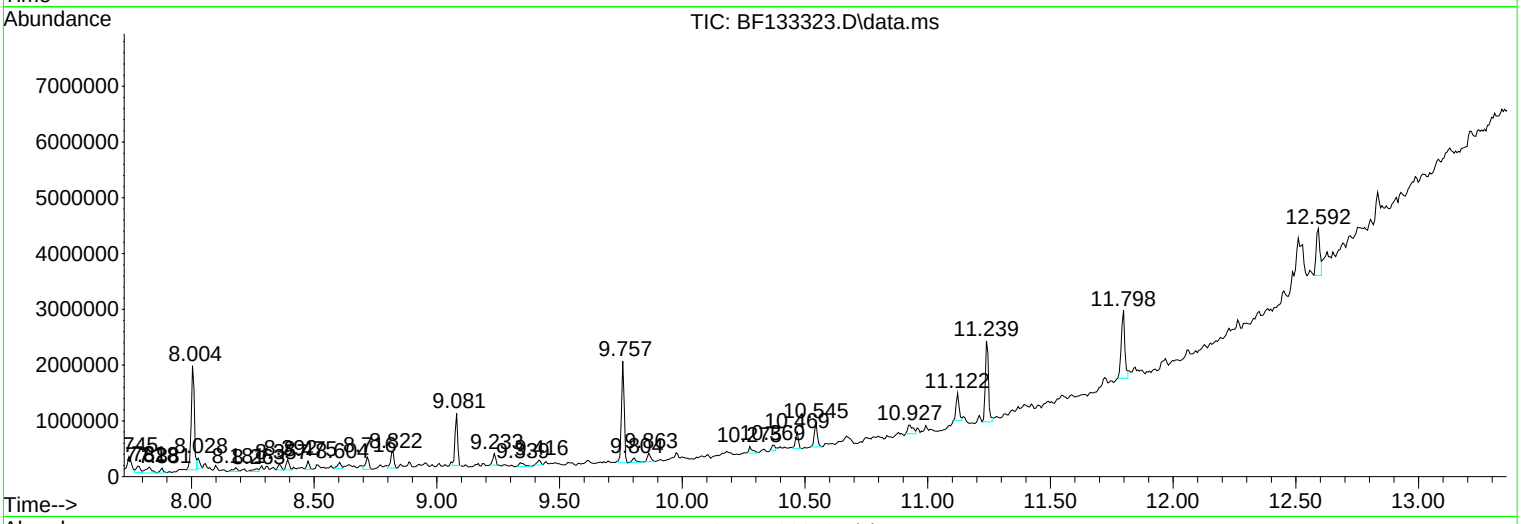
Misc :
ALS Vial : 16 Sample Multiplier: 1

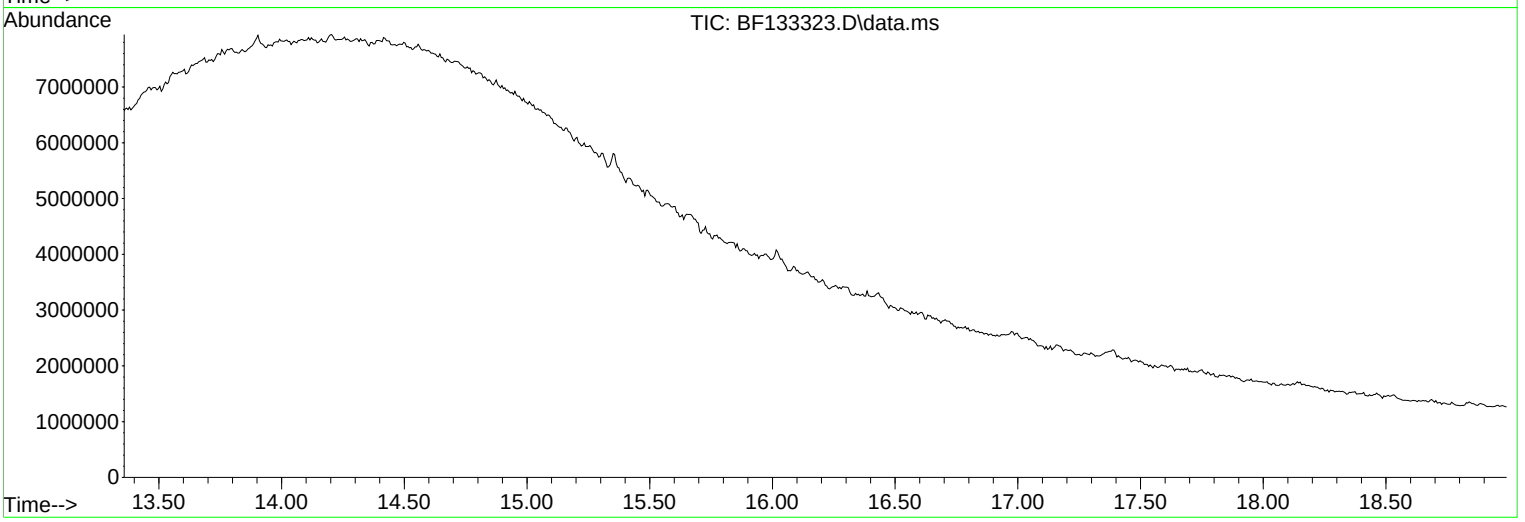
Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

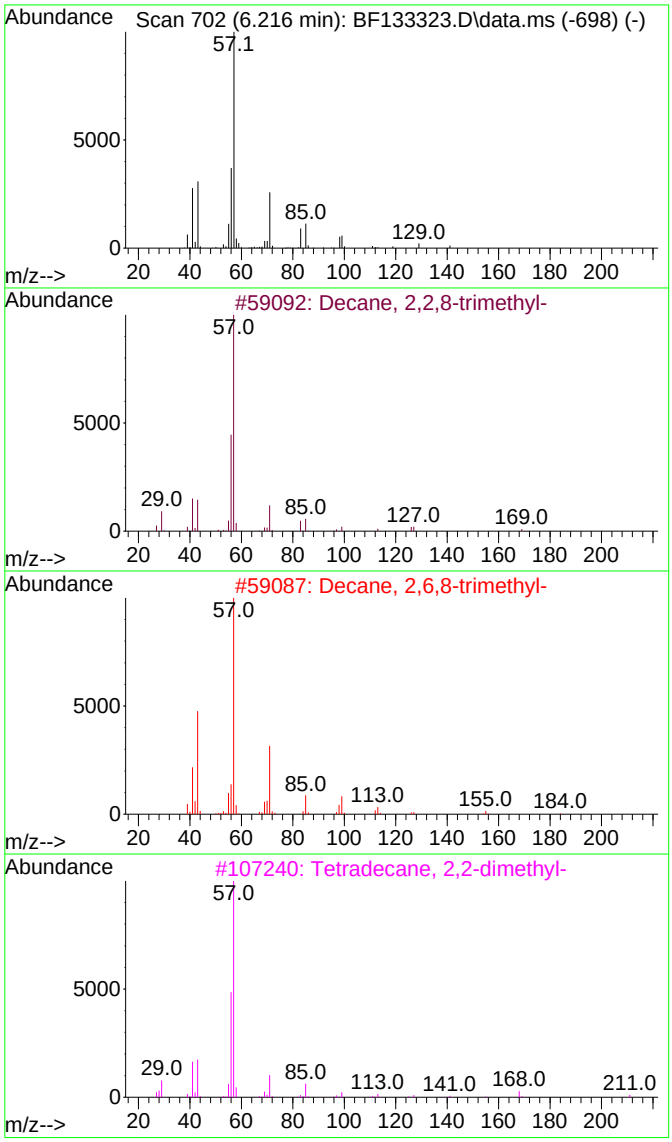
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

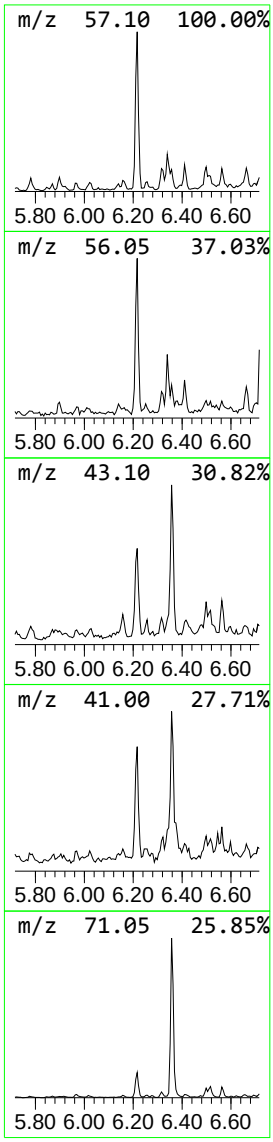
****

Peak Number 1 Decane, 2,2,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	2.86 ng	172920	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	53
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

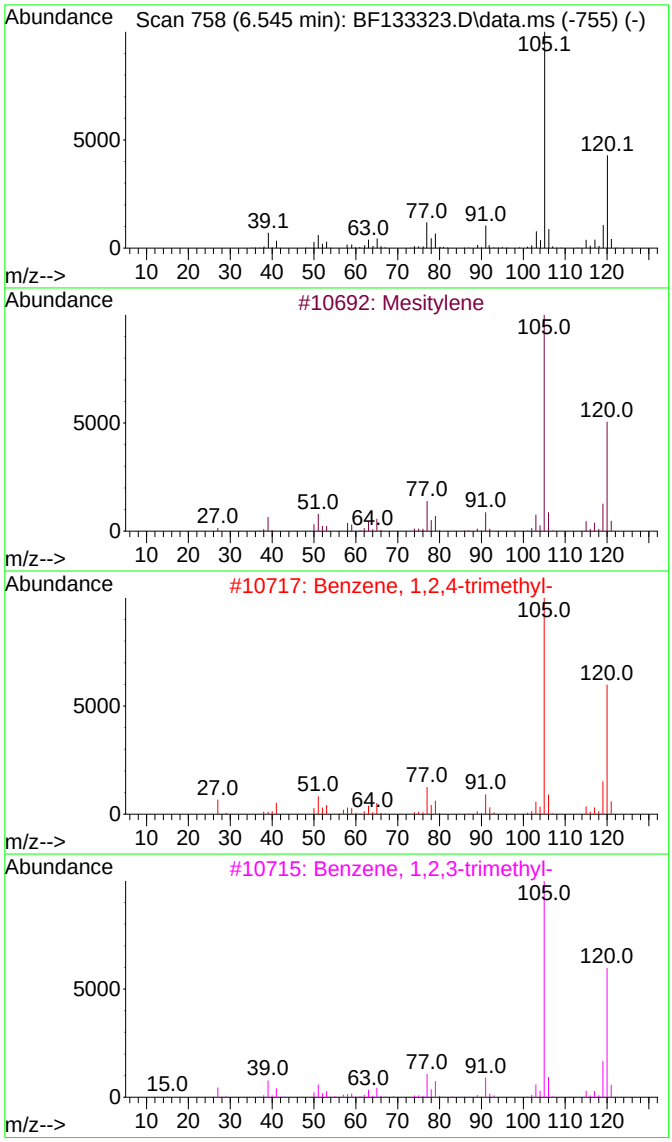
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

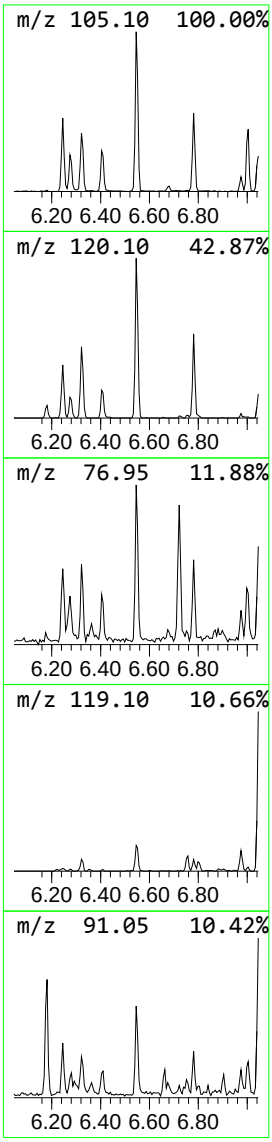
****

Peak Number 2 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.545	3.37 ng	204006	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

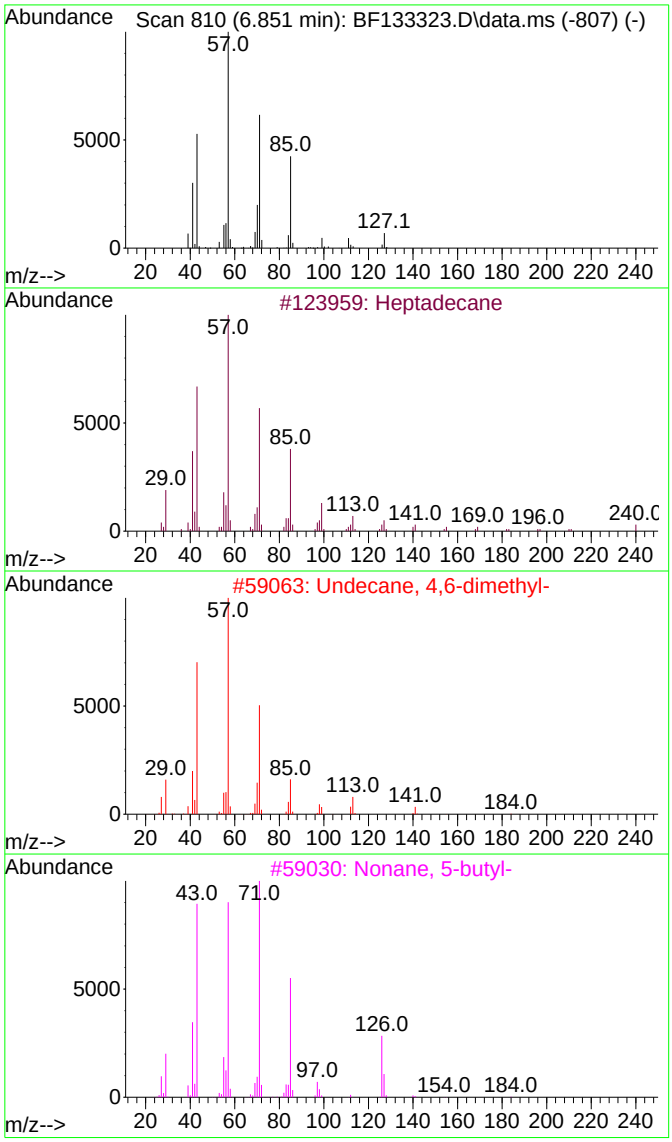
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

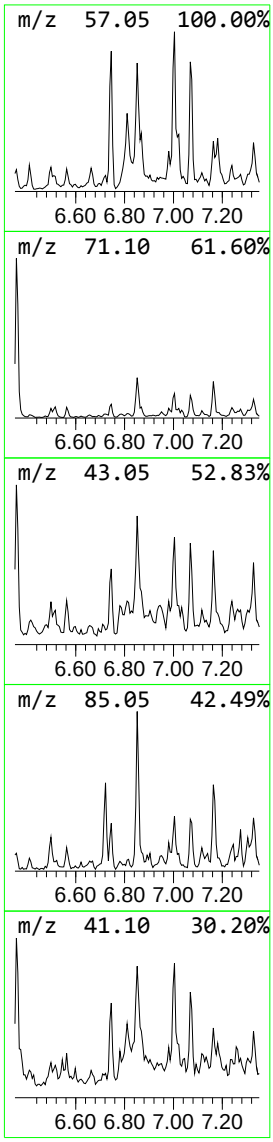
****

Peak Number 3 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	2.98 ng	180326	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

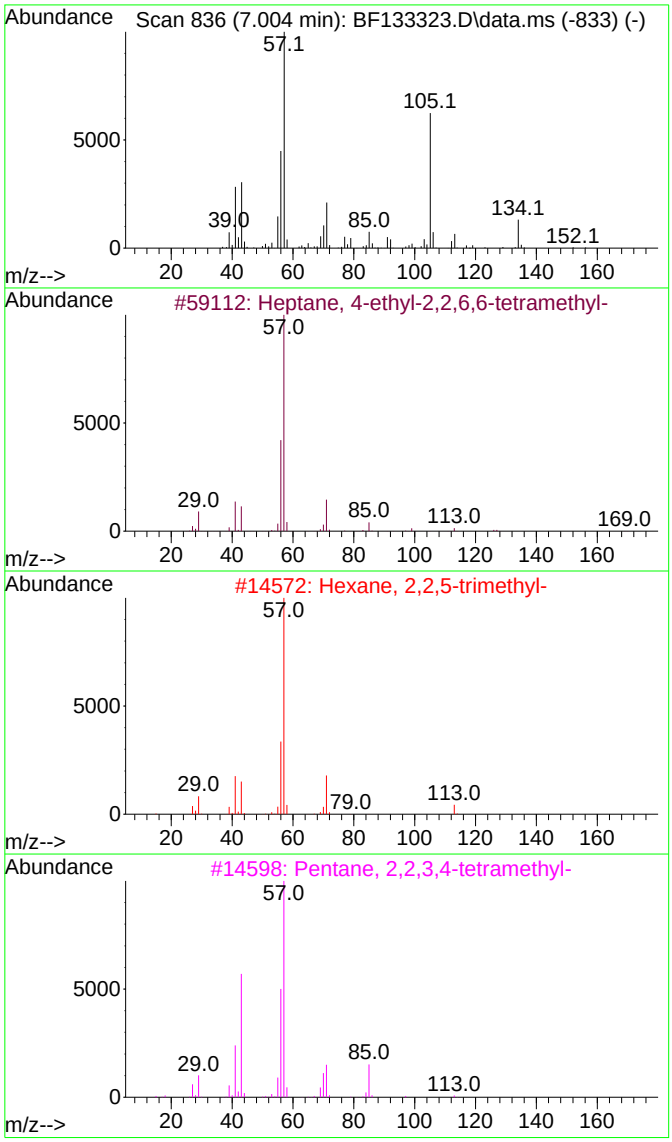
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

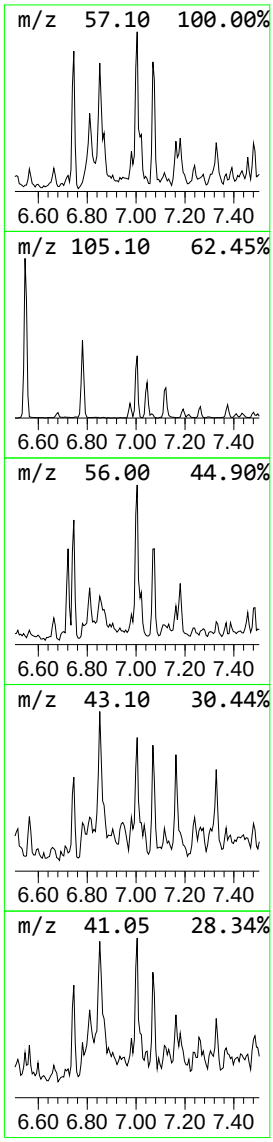
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	3.60 ng	218184	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	53
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

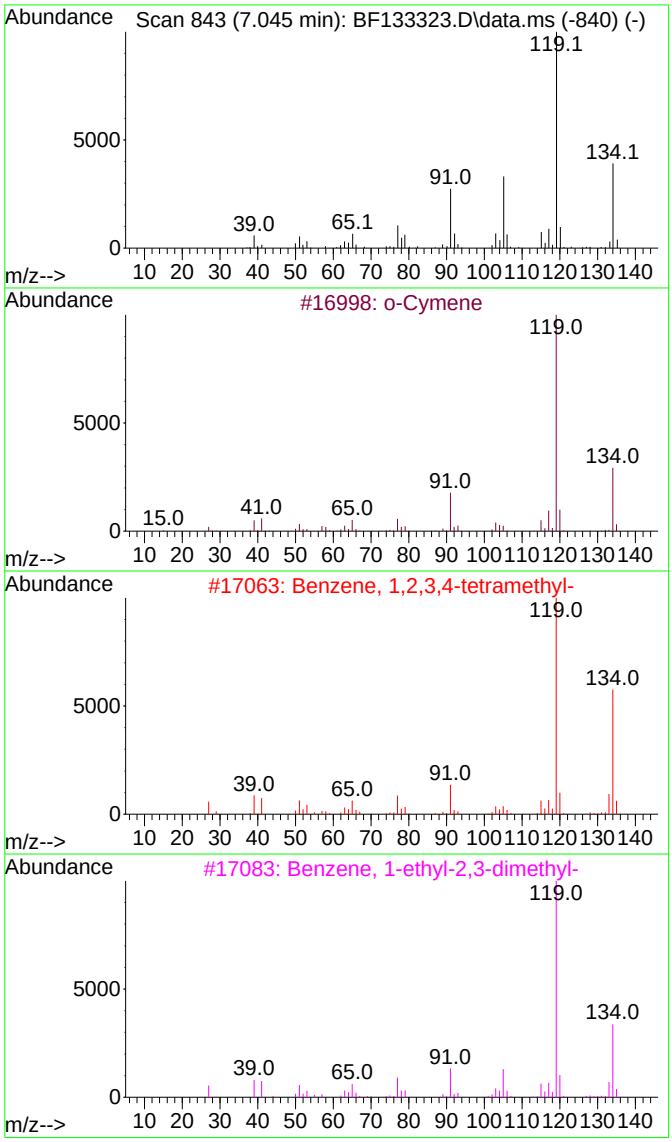
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

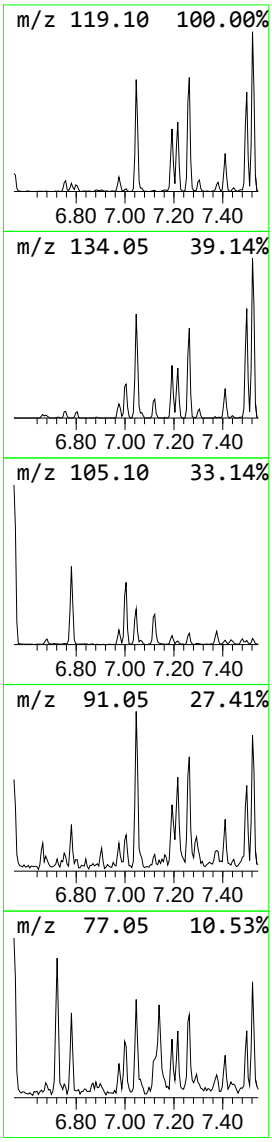
****

Peak Number 5 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	2.06 ng	124909	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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BNA_F
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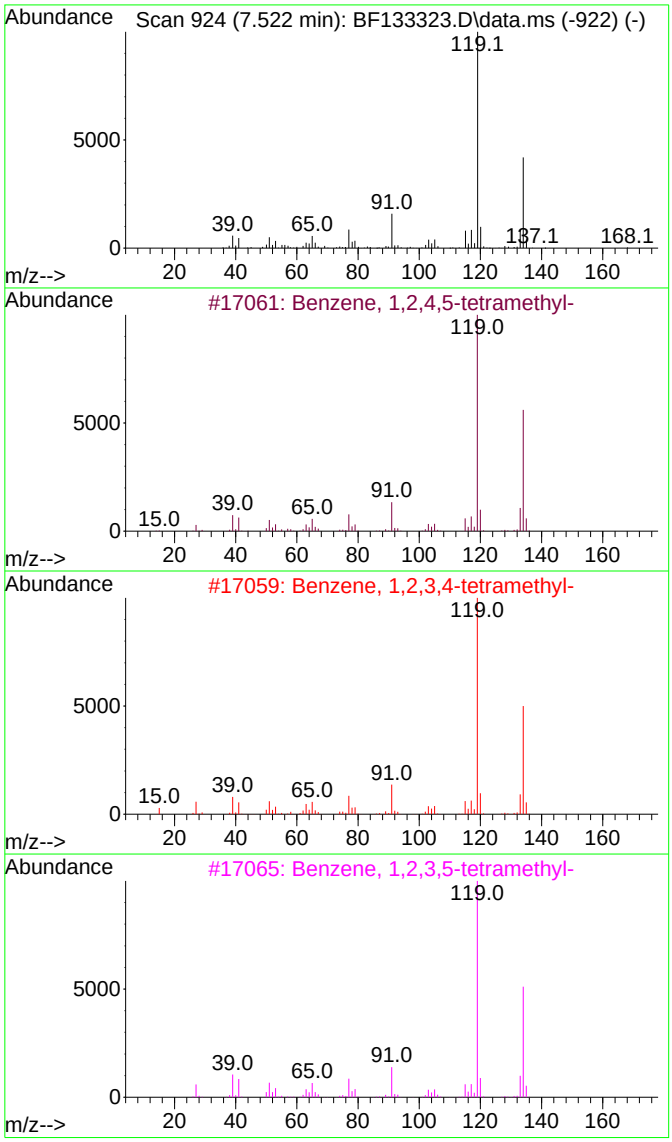
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

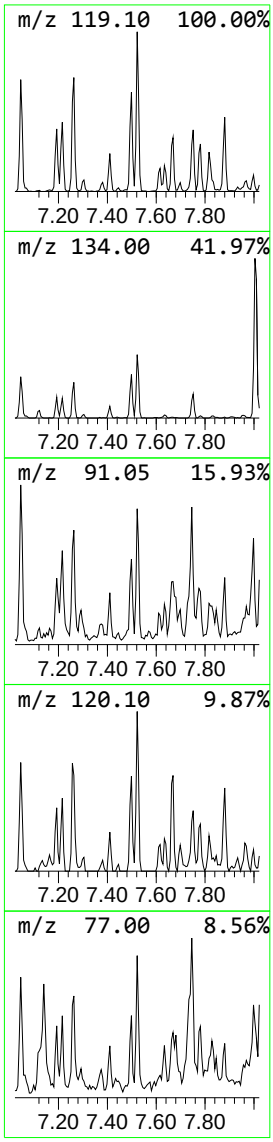
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	2.29 ng	192931	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
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	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

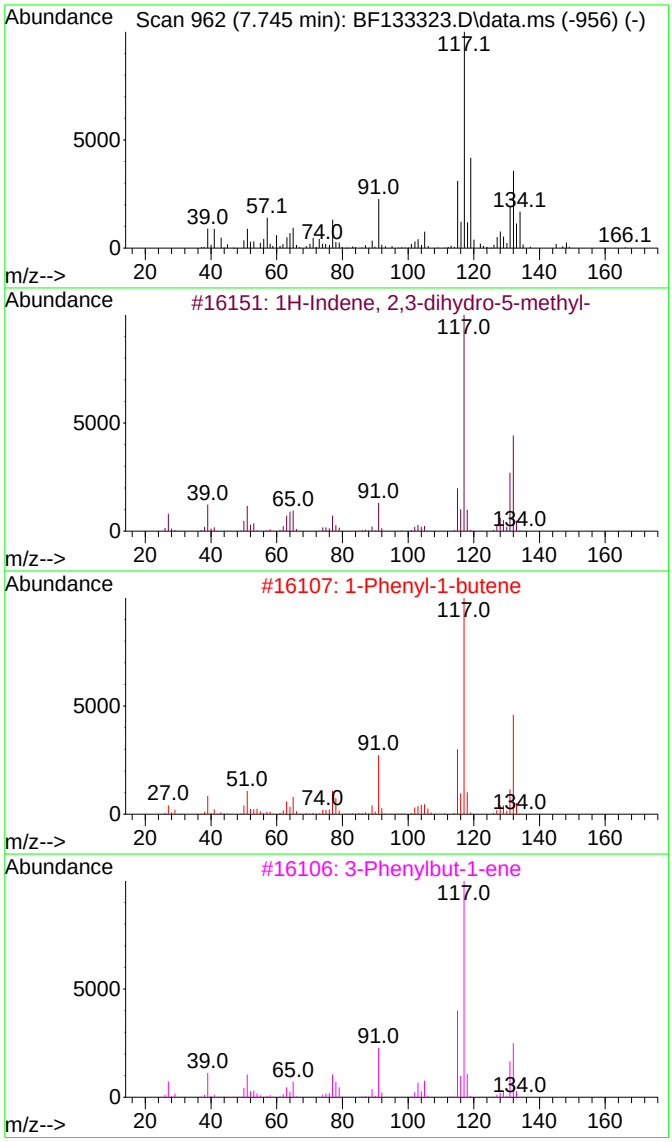
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

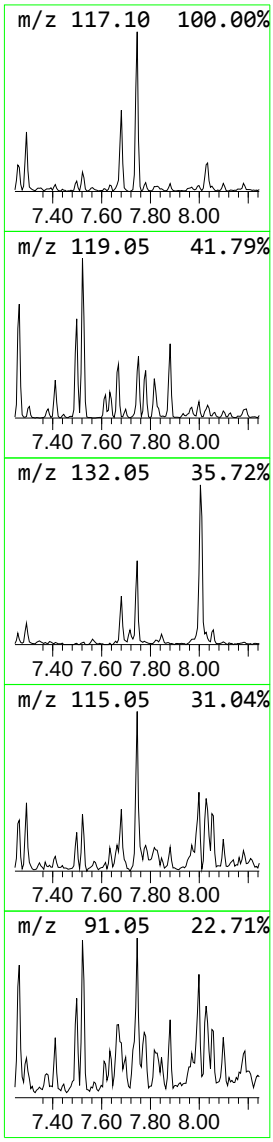
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.745	4.54 ng	382110	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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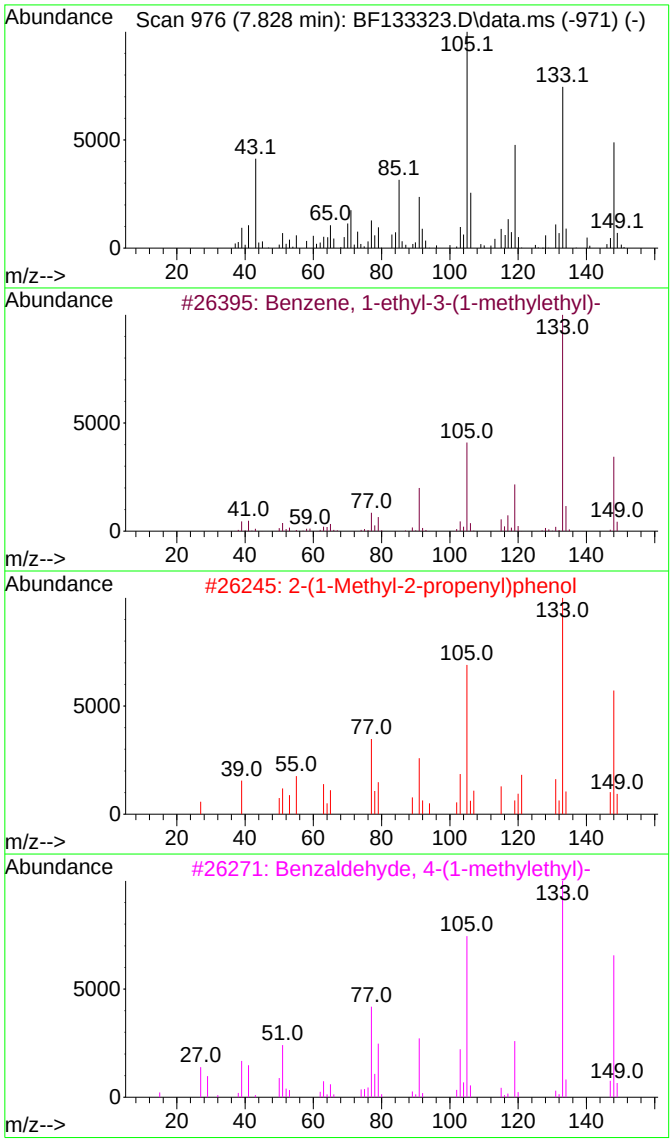
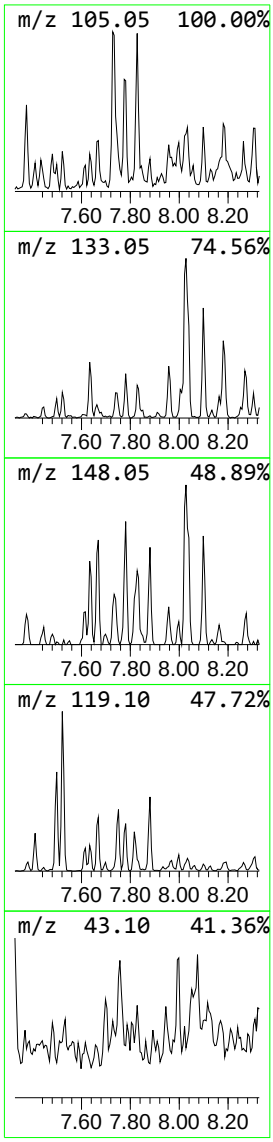
Peak Number 8 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	2.11 ng	177549	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
2	2-(1-Methyl-2-propenyl)phenol	148	C10H12O	1000432-85-2	60
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	58
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	52





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Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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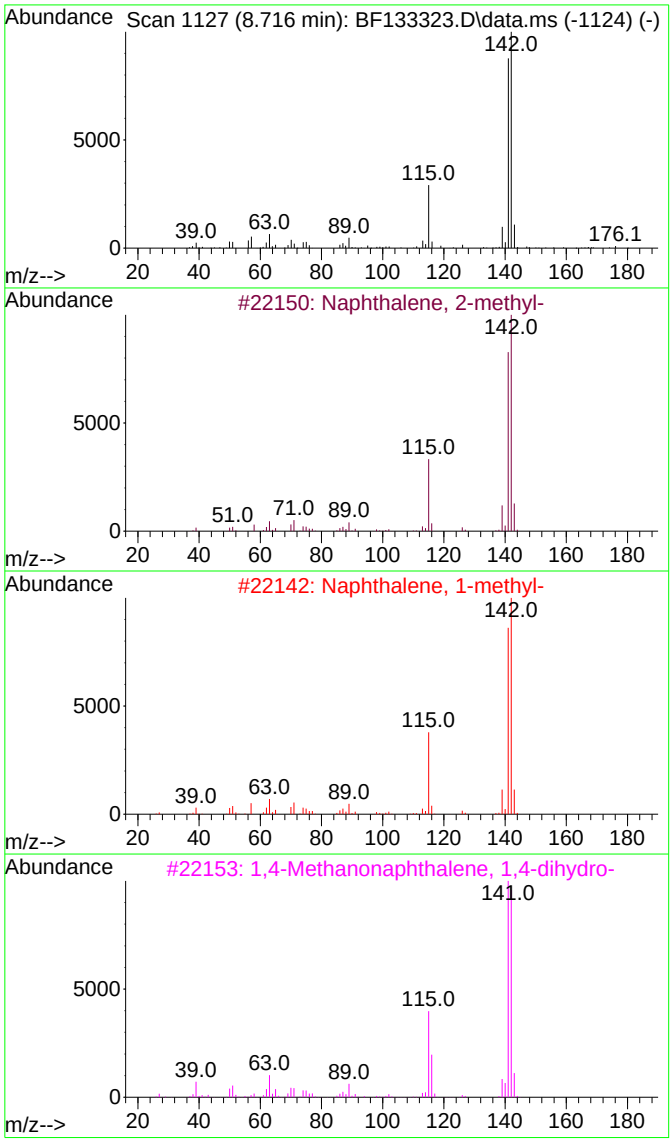
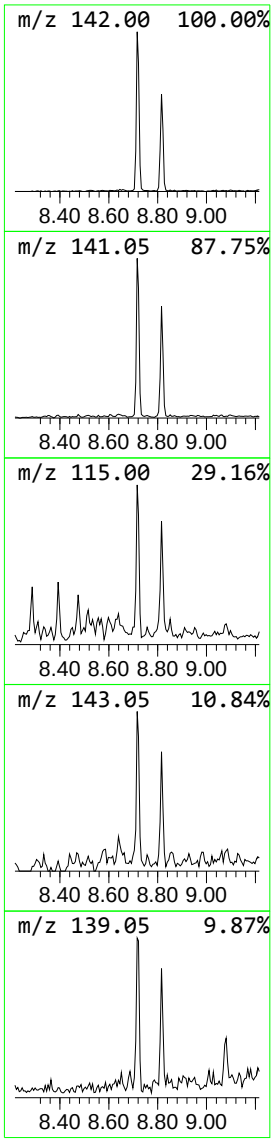
Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	2.37 ng	199211	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	86
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





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Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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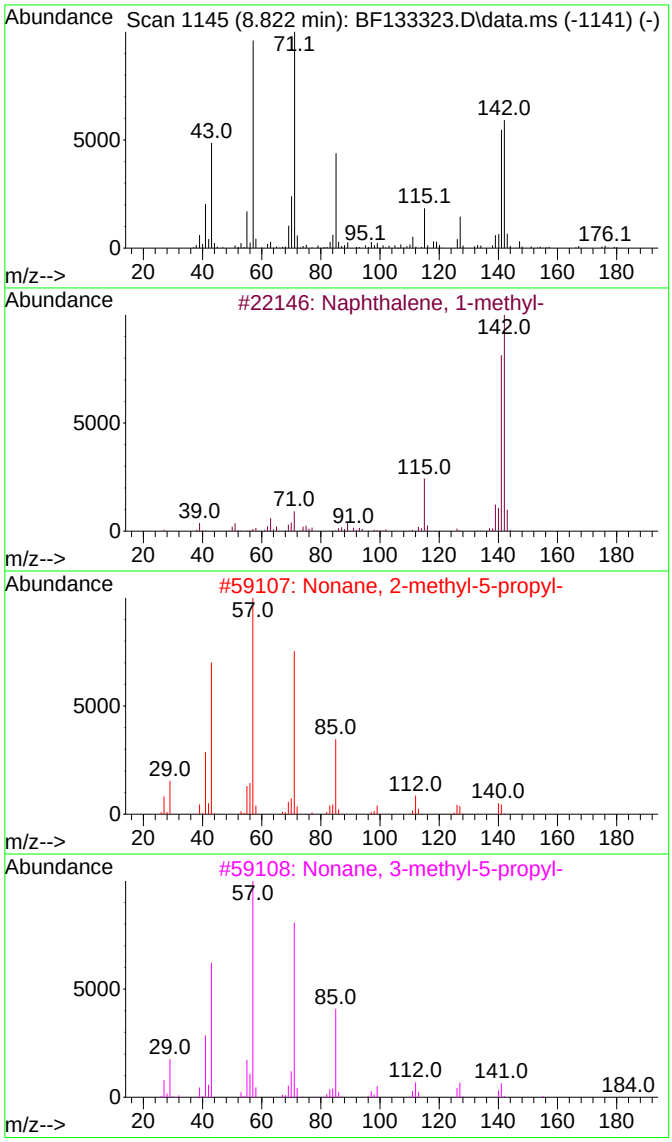
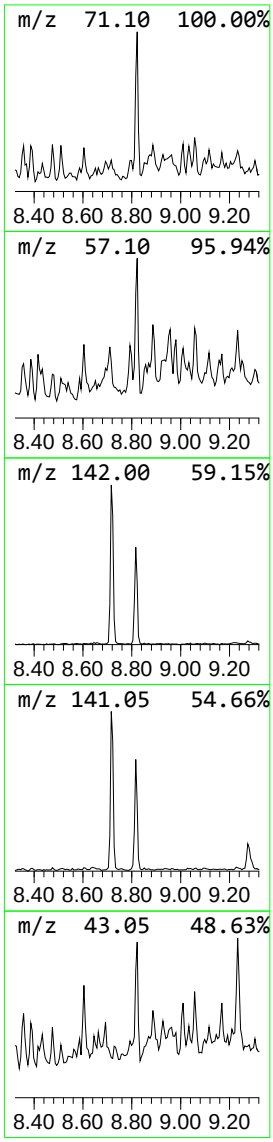
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	3.25 ng	272992	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	50
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	47
4	Decane, 3-methyl-	156	C11H24	013151-34-3	46
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43





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ALS Vial : 16 Sample Multiplier: 1

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

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

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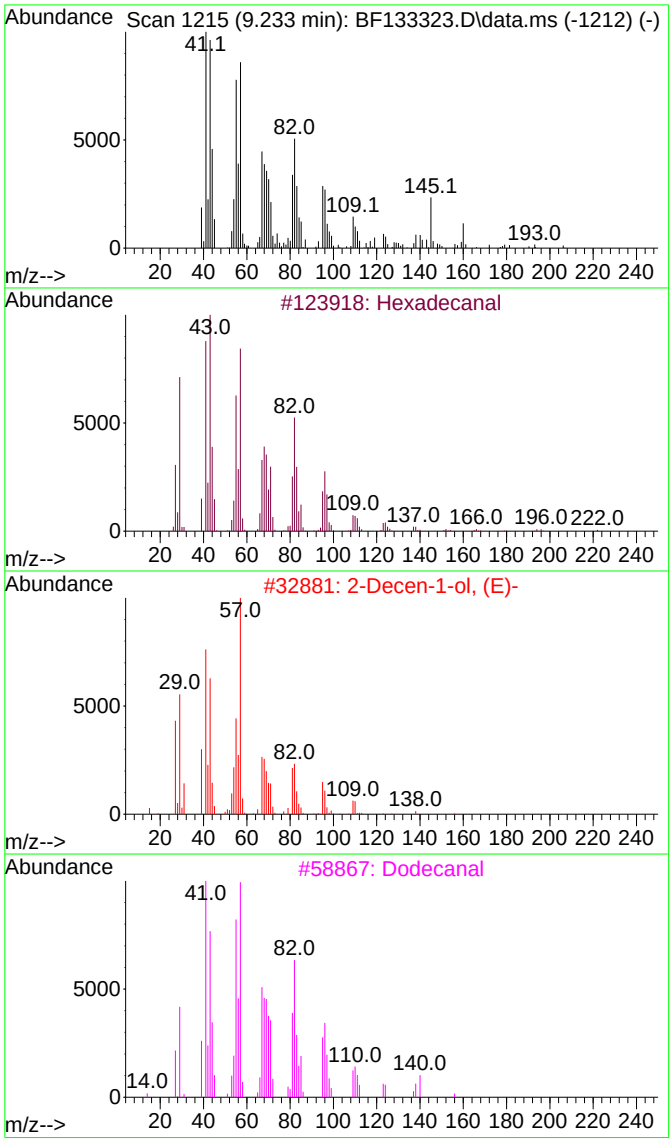
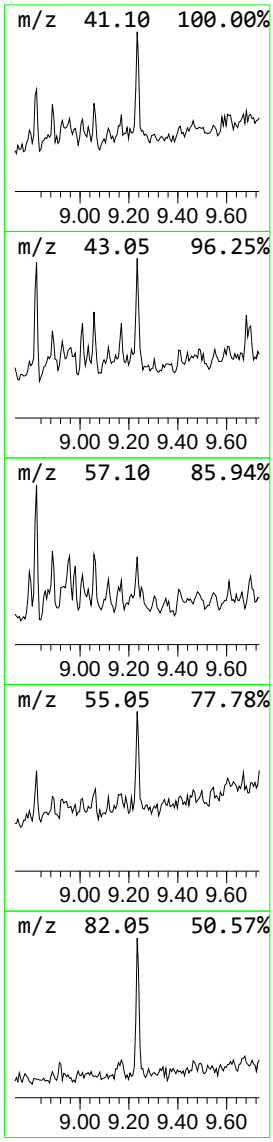
Peak Number 11 Hexadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	2.41 ng	168308	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	72
2	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	58
3	Dodecanal	184	C12H24O	000112-54-9	58
4	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	53
5	cis-11-Tetradecen-1-ol	212	C14H28O	034010-15-6	53





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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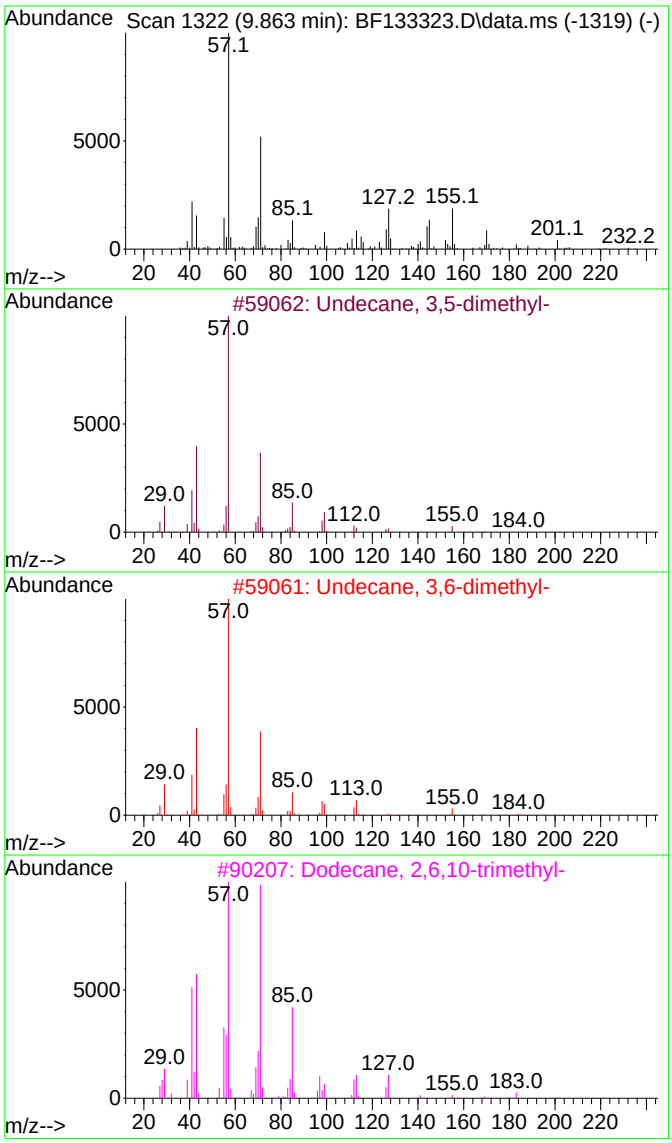
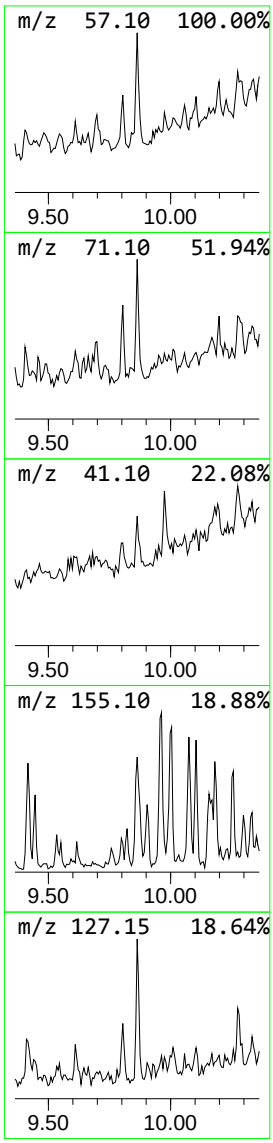
Peak Number 12 Undecane, 3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	2.18 ng	152163	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
4	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43





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Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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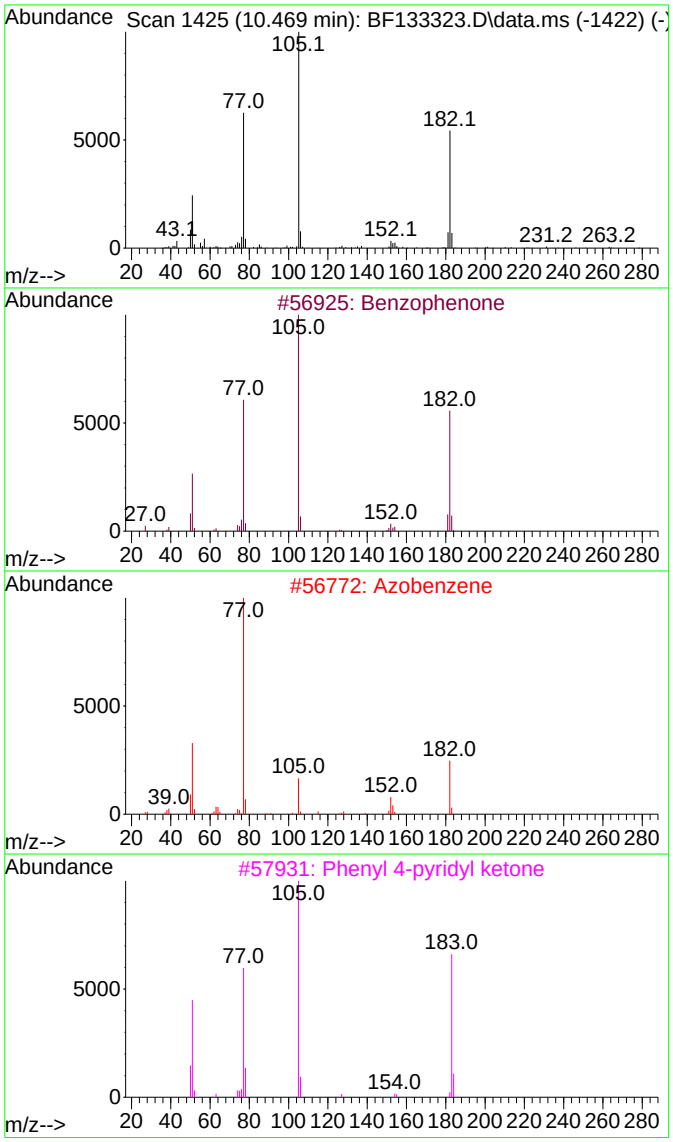
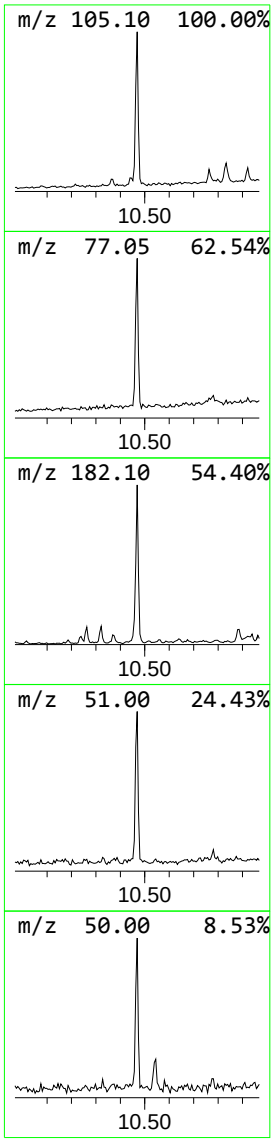
Peak Number 13 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.37 ng	236007	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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ALS Vial : 16 Sample Multiplier: 1

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

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

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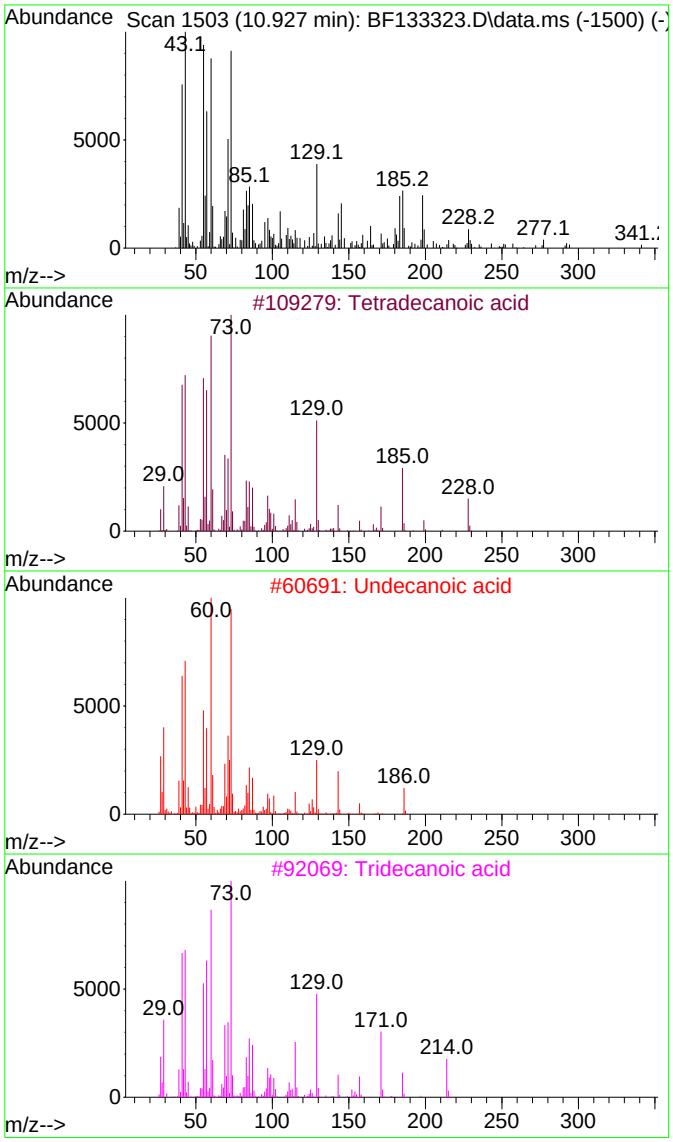
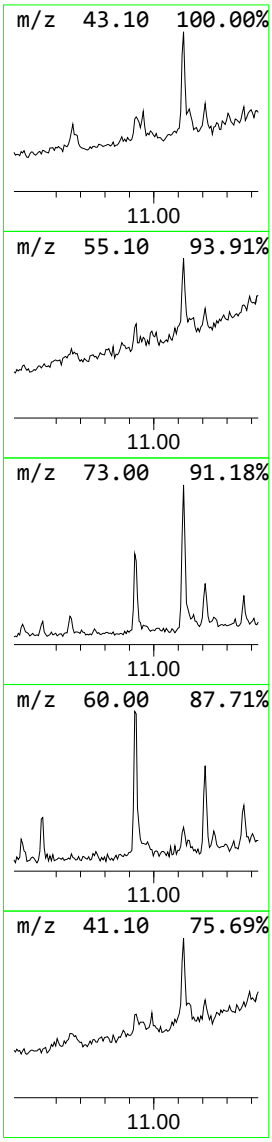
Peak Number 14 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	3.74 ng	245925	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
2	Undecanoic acid	186	C11H22O2	000112-37-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Sample : 02505-05 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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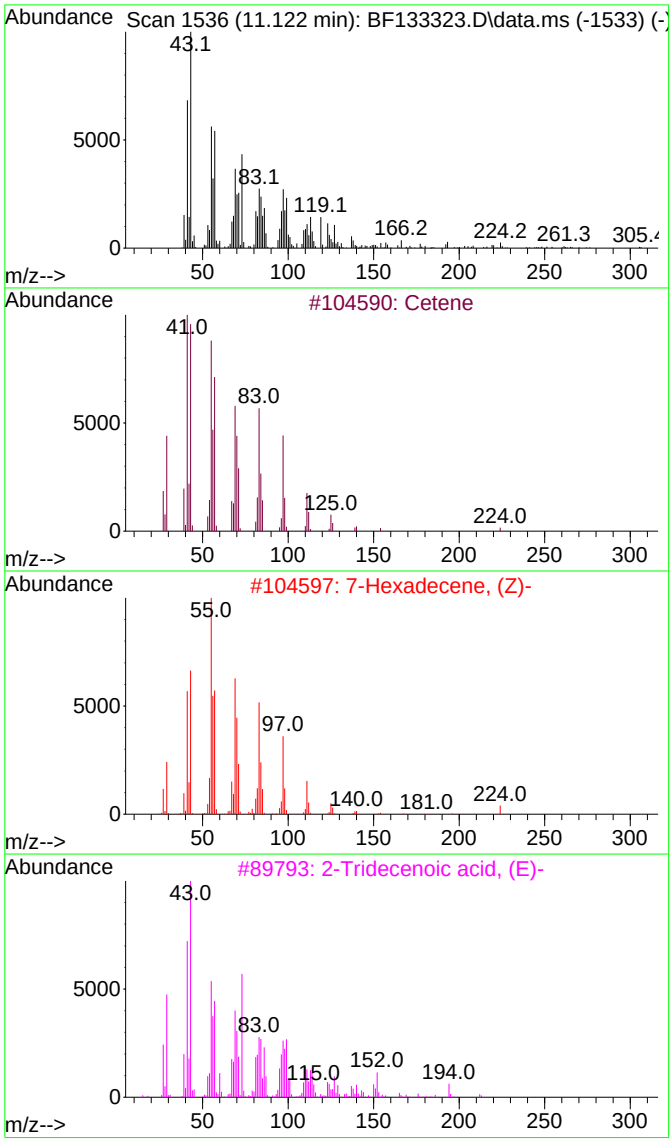
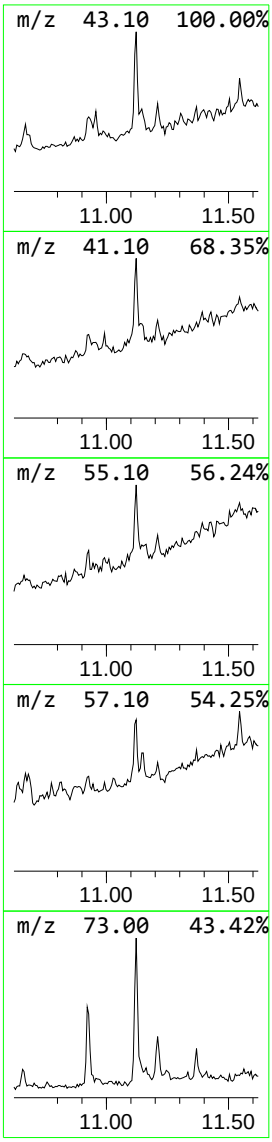
Peak Number 15 Cetene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.122	6.31 ng	414785	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70
3	2-Tridecenoic acid, (E)-	212	C13H24O2	032466-55-0	64
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	38
5	Cyclohexadecane	224	C16H32	000295-65-8	38





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Sample : 02505-05 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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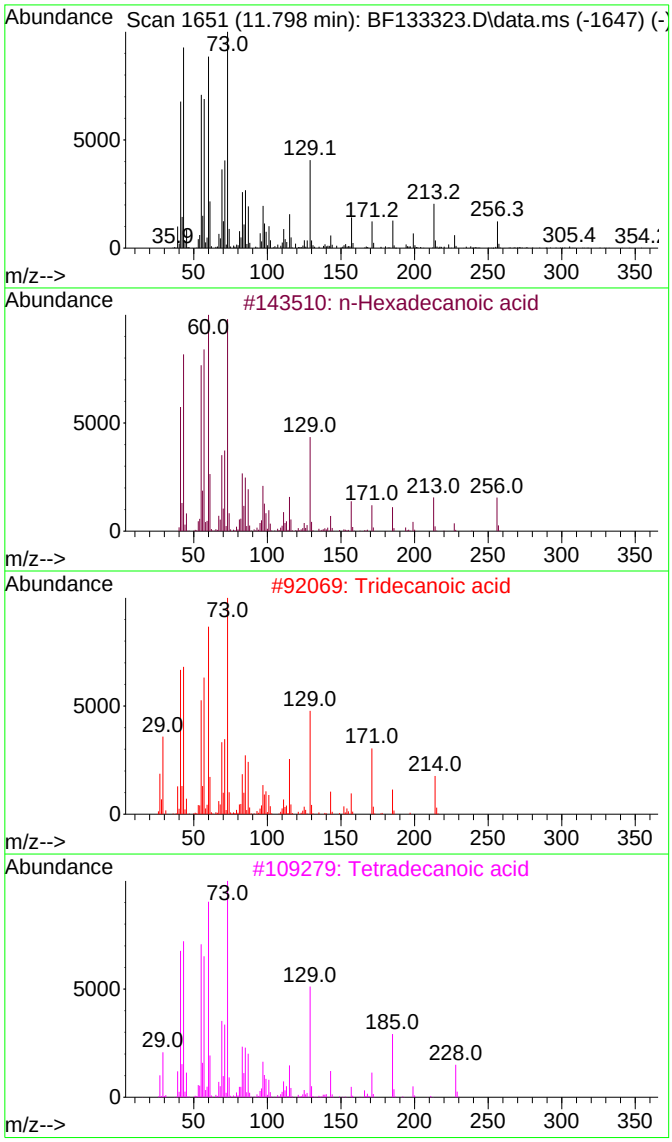
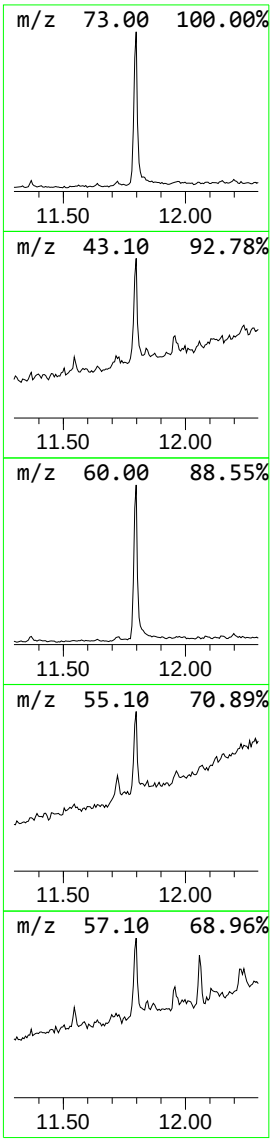
Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	18.74 ng	1232370	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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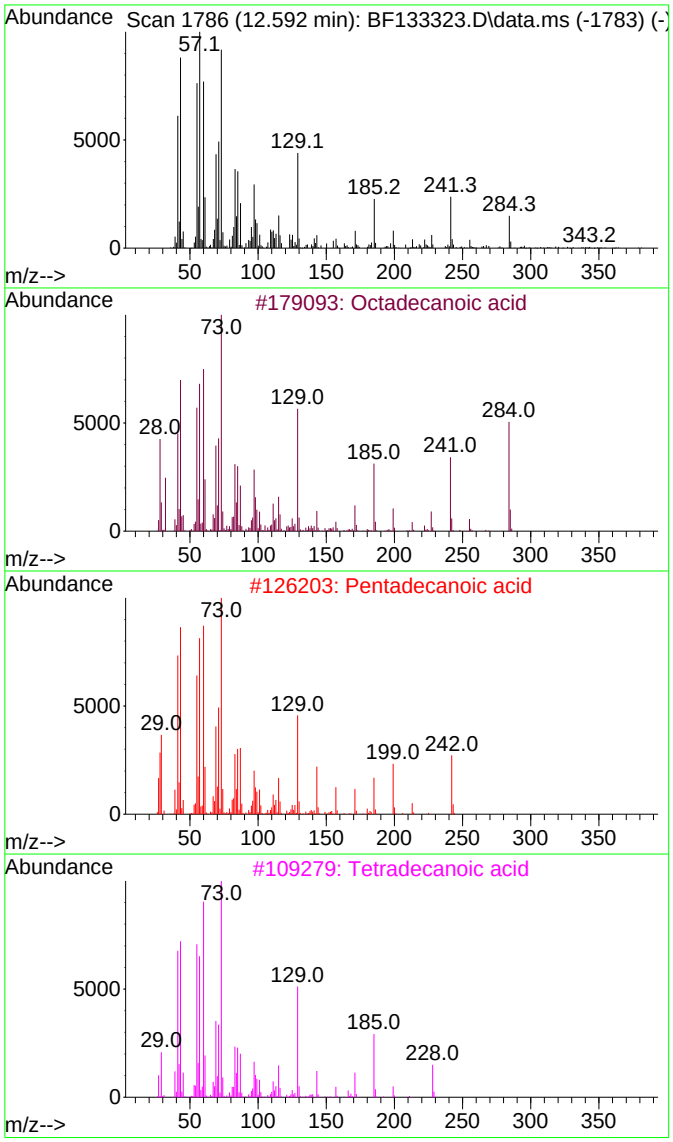
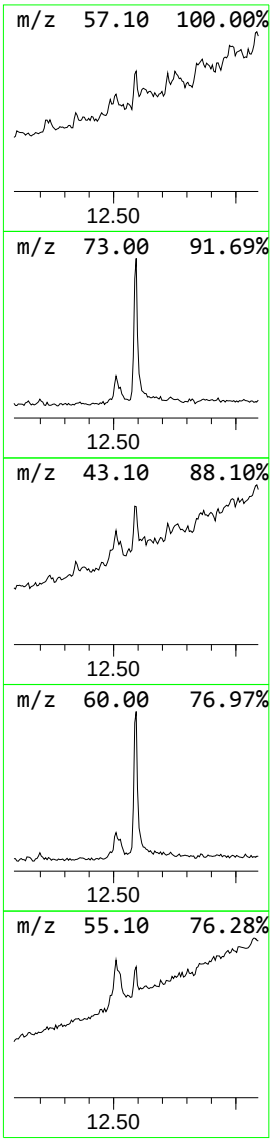
Peak Number 17 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	20.00 ng	906570	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
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Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Decane, 2,2,8-t...	6.216	2.9	ng	172920	1	6.722	1210690	20.0
Mesitylene	6.545	3.4	ng	204006	1	6.722	1210690	20.0
Heptadecane	6.851	3.0	ng	180326	1	6.722	1210690	20.0
Heptane, 4-ethy...	7.004	3.6	ng	218184	1	6.722	1210690	20.0
o-Cymene	7.045	2.1	ng	124909	1	6.722	1210690	20.0
Benzene, 1,2,4,...	7.522	2.3	ng	192931	2	8.004	1682380	20.0
1H-Indene, 2,3-...	7.745	4.5	ng	382110	2	8.004	1682380	20.0
Benzene, 1-ethy...	7.828	2.1	ng	177549	2	8.004	1682380	20.0
Naphthalene, 2-...	8.716	2.4	ng	199211	2	8.004	1682380	20.0
Naphthalene, 1-...	8.822	3.3	ng	272992	2	8.004	1682380	20.0
Hexadecanal	9.233	2.4	ng	168308	3	9.757	1398910	20.0
Undecane, 3,5-d...	9.863	2.2	ng	152163	3	9.757	1398910	20.0
Benzophenone	10.469	3.4	ng	236007	3	9.757	1398910	20.0
Tetradecanoic acid	10.927	3.7	ng	245925	4	11.239	1315410	20.0
Cetene	11.122	6.3	ng	414785	4	11.239	1315410	20.0
n-Hexadecanoic ...	11.798	18.7	ng	1232370	4	11.239	1315410	20.0
Octadecanoic acid	12.592	20.0	ng	906570	5	13.904	906570	20.0