LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131869.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.834	292	297	303	rVB	35017	45297	2.90%	0.359%
2	5.022	494	499	507	rVB	470470	574906	36.78%	4.556%
3	5.287	540	544	547	rBV	23103	23327	1.49%	0.185%
4	5.393	558	562	564	rBV	92550	89395	5.72%	0.708%
5	5.434	564	569	572	rVB	1378377	1368373	87.54%	10.844%
6	5.657	603	607	611	rBV	43083	41442	2.65%	0.328%
7	6.340	720	723	726	rBV	87029	66361	4.25%	0.526%
8	6.369	726	728	731	rVB	41420	35224	2.25%	0.279%
9	6.416	731	736	738	rBV	44484	36363	2.33%	0.288%
10	6.457	738	743	746	rVV	1398870	1425211	91.18%	11.294%
11	6.498	748	750	753	rVB	32466	28288	1.81%	0.224%
12	6.640	771	774	778	rBV	126450	116892	7.48%	0.926%
13	6.822	801	805	808	rBV	527481	407364	26.06%	3.228%
14	6.875	811	814	821	rVB	49136	41369	2.65%	0.328%
15	6.998	833	835	839	rVB	24586	18684	1.20%	0.148%
16	7.098	849	852	854	rVB	43214	37153	2.38%	0.294%
17	7.140	854	859	866	rVB	87768	76312	4.88%	0.605%
18	7.216	867	872	874	rBV2	16527	16700	1.07%	0.132%
19	7.287	881	884	886	rBV	31822	24802	1.59%	0.197%
20	7.310	886	888	891	rVB	33744	24600	1.57%	0.195%
21	7.357	891	896	898	rBV	76229	63366	4.05%	0.502%
22	7.392	898	902	905	rVB	1003027	901518	57.68%	7.144%
23	7.592	934	936	938	rBV	37895	27609	1.77%	0.219%
24	7.622	938	941	944	rVB	52001	46416	2.97%	0.368%
25	7.763	961	965	966	rBV2	16984	17279	1.11%	0.137%
26	7.781	966	968	973	rVB	36510	33619	2.15%	0.266%
27	7.845	973	979	982	rBV3	77126	86601	5.54%	0.686%
28	7.875	982	984	987	rVV	22882	19609	1.25%	0.155%
29	7.928	987	993	995	rVV4	16066	24283	1.55%	0.192%
30	7.981	998	1002	1006	rVB	18967	17855	1.14%	0.141%
31	8.110	1012	1024	1027	rBV	586981	612777	39.20%	4.856%
32	8.134	1027	1028	1030	rVV	101592	57175	3.66%	0.453%
33	8.157	1030	1032	1036	rVB2	21188	20203	1.29%	0.160%
34	8.387	1069	1071	1077	rVB4	15692	23333	1.49%	0.185%
35	8.498	1086	1090	1092	rVB3	19655	17851	1.14%	0.141%
36	8.704	1121	1125	1129	rBV3	24659	26394	1.69%	0.209%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.828	1143	1146	1149	rVB	93249	72010	4.61%	0.571%
38	8.928	1159	1163	1166	rVB	43399	36421	2.33%	0.289%
39	9.192	1204	1208	1211	rBV	1747871	1563074	100.00%	12.387%
40	9.463	1248	1254	1257	rBV2	14134	18405	1.18%	0.146%
41	9.875	1318	1324	1328	rBV	713209	587876	37.61%	4.659%
42	10.592	1441	1446	1450	rBV	97327	84631	5.41%	0.671%
43	10.669	1455	1459	1462	rBV	1209905	997298	63.80%	7.903%
44	10.792	1476	1480	1483	rVB2	15037	17984	1.15%	0.143%
45	11.369	1575	1578	1581	rBV	707260	580268	37.12%	4.598%
46	11.898	1665	1668	1673	rBV2	68316	57796	3.70%	0.458%
47	12.586	1783	1785	1789	rVB	31821	28387	1.82%	0.225%
48	12.822	1822	1825	1829	rBV2	21507	21577	1.38%	0.171%
49	12.963	1845	1849	1853	rBV	1348789	1189871	76.12%	9.429%
50	13.880	2001	2005	2015	rBV5	56021	122951	7.87%	0.974%
51	14.027	2026	2030	2033	rVB	378205	344493	22.04%	2.730%
52	15.510	2278	2282	2292	rVB	302298	401772	25.70%	3.184%

Sum of corrected areas: 12618765

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
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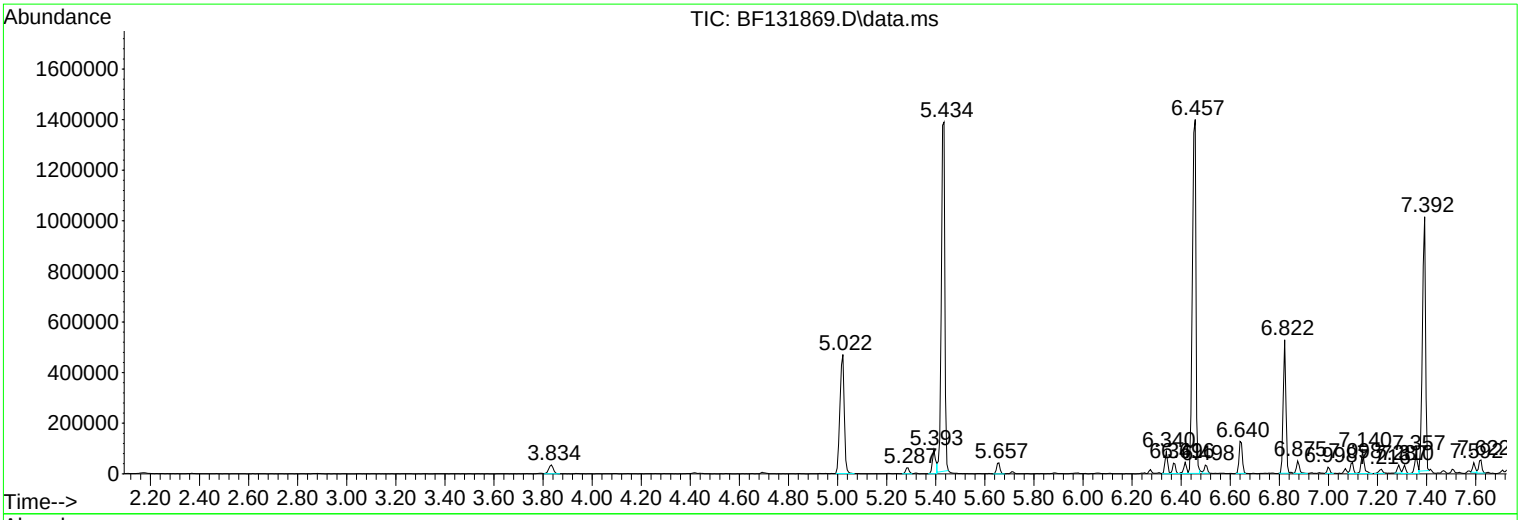
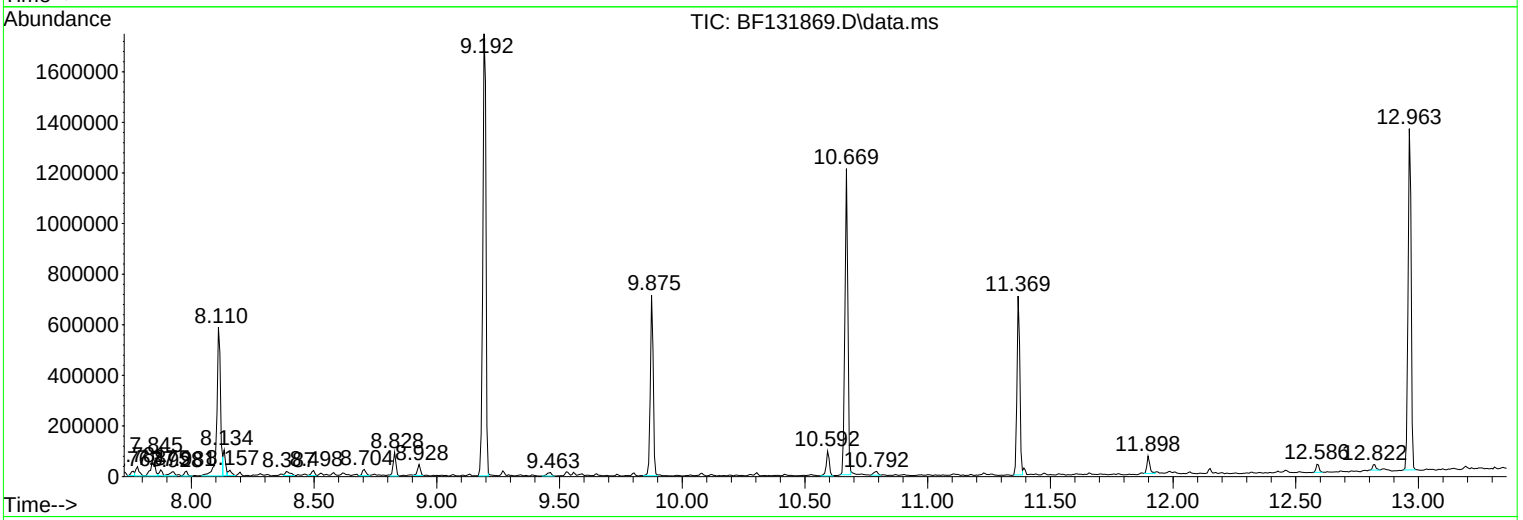
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

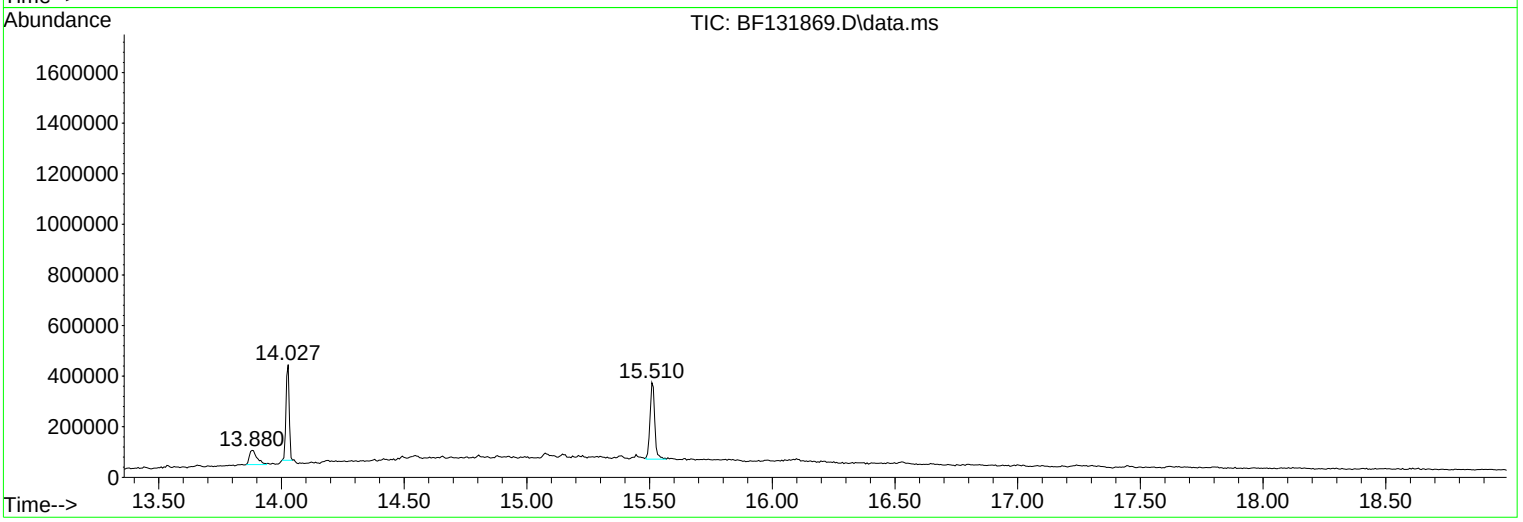
Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

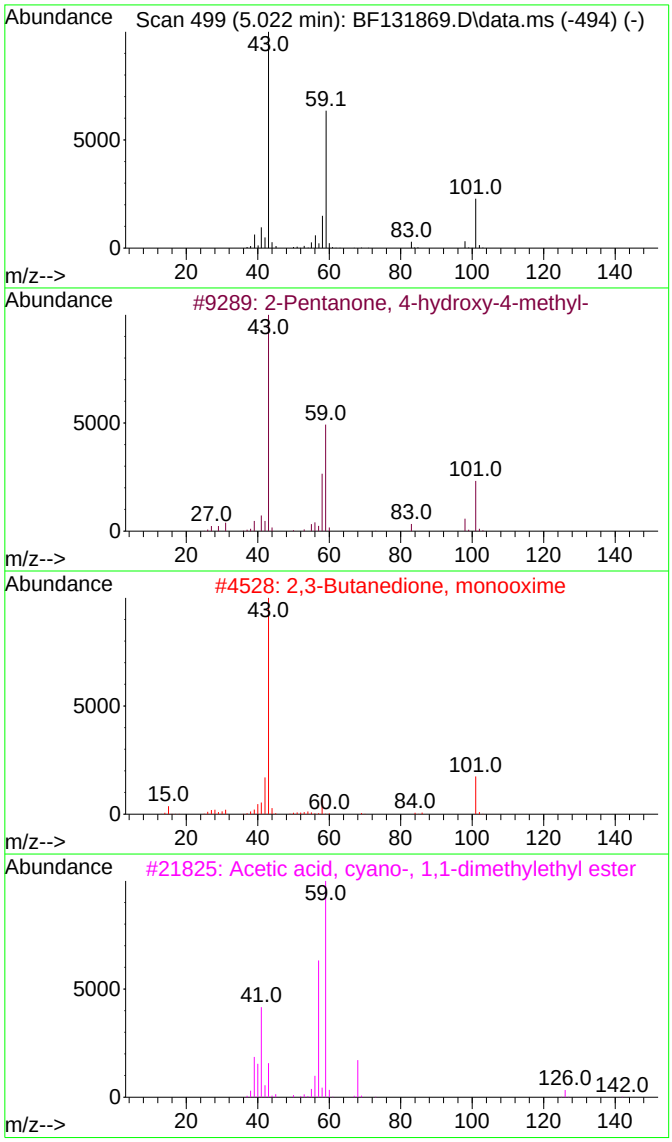
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

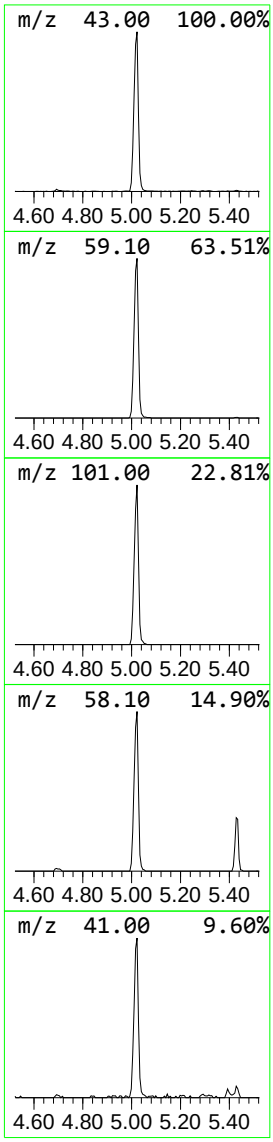
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	28.23 ng	574906	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

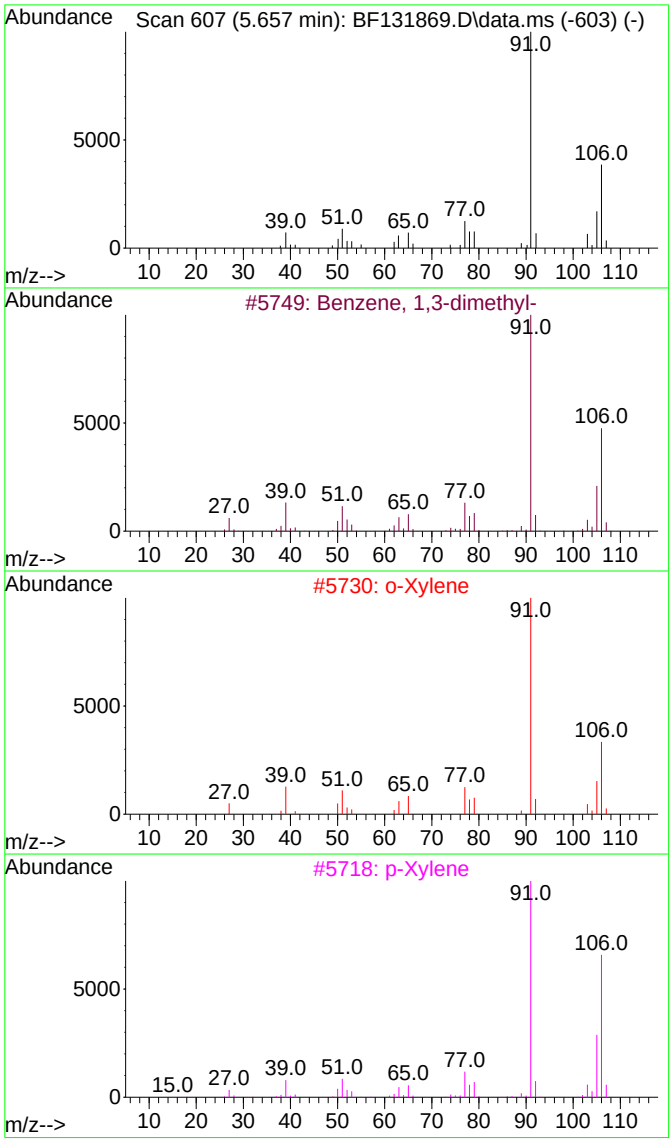
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

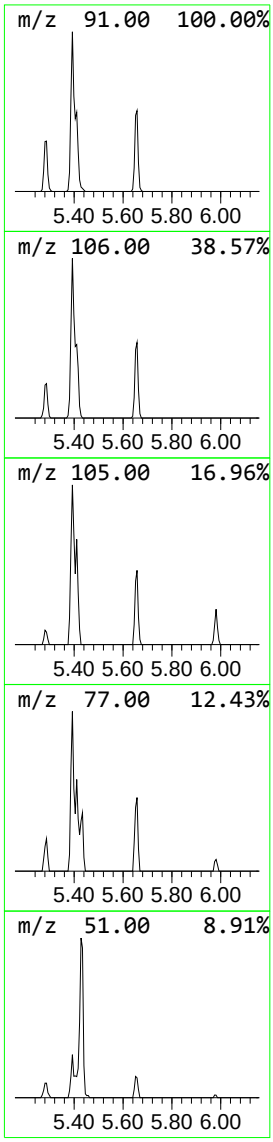
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.657	2.03 ng	41442	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

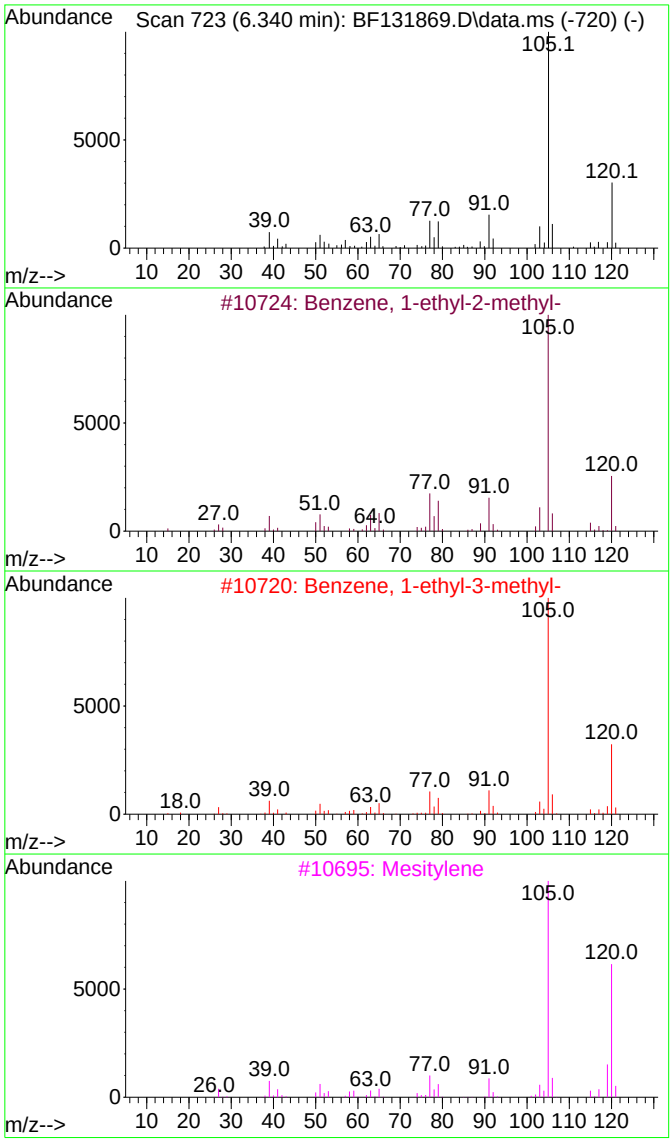
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

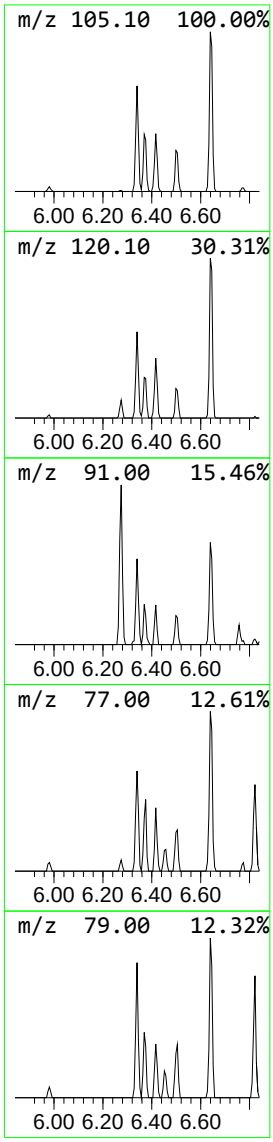
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	3.26 ng	66361	1,4-Dichlorobenzene-d4	6.822

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-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

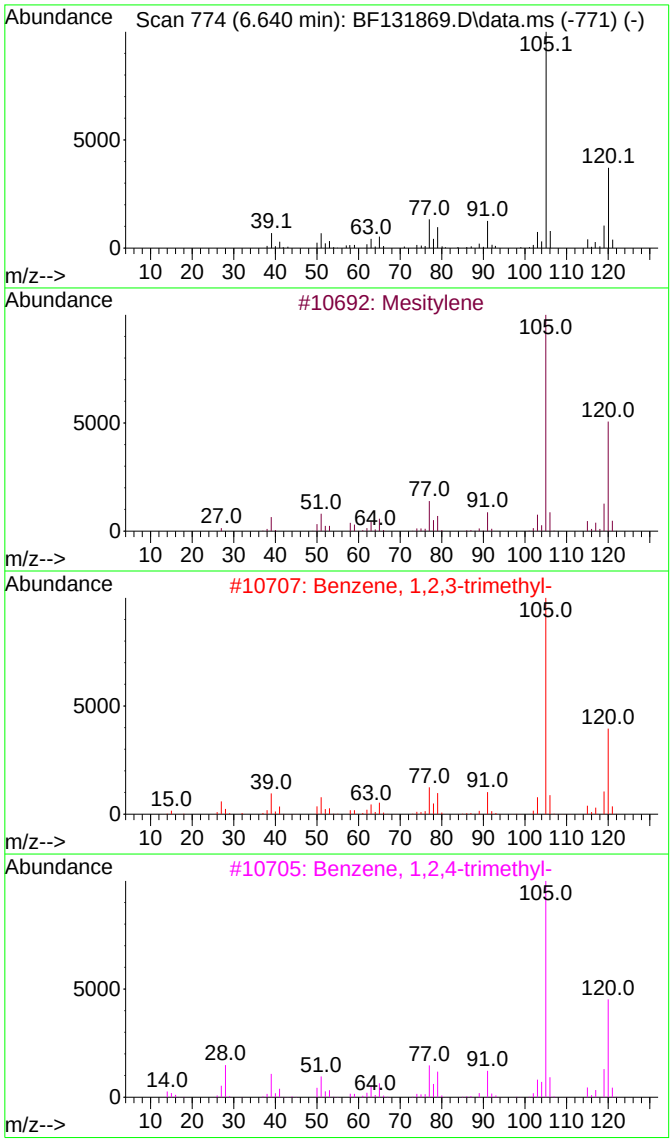
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

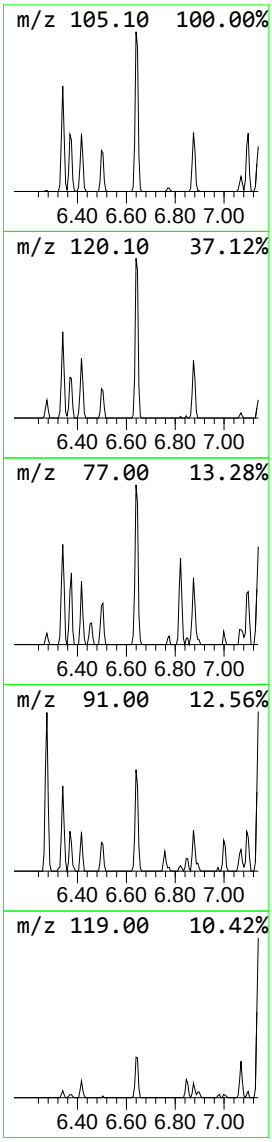
****

Peak Number 5 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	5.74 ng	116892	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

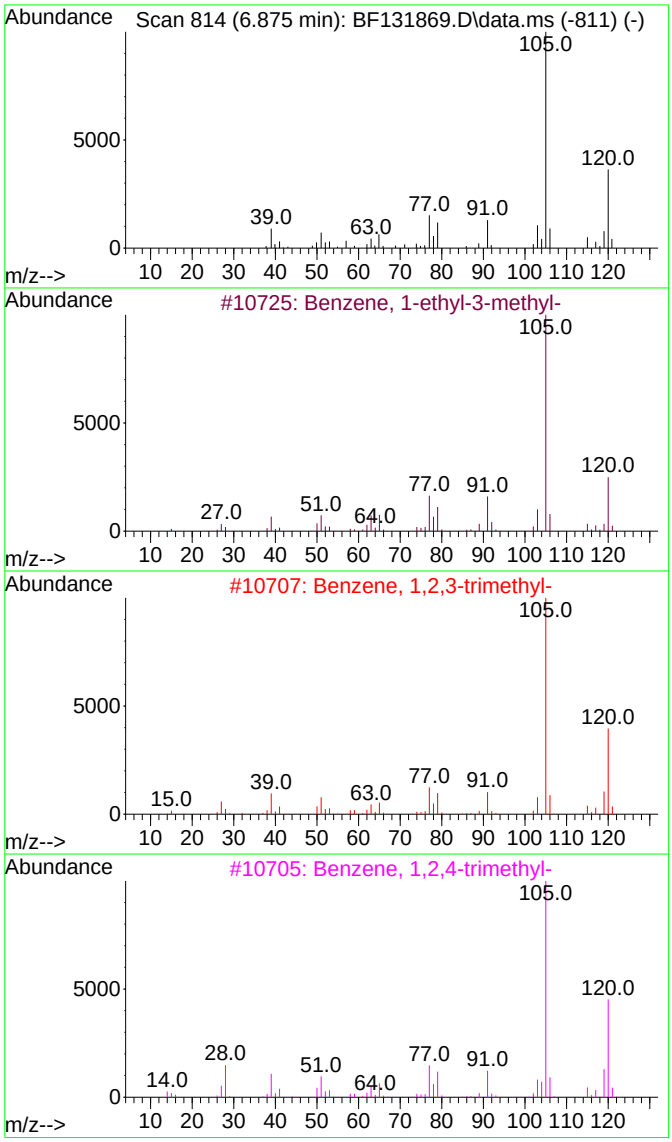
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

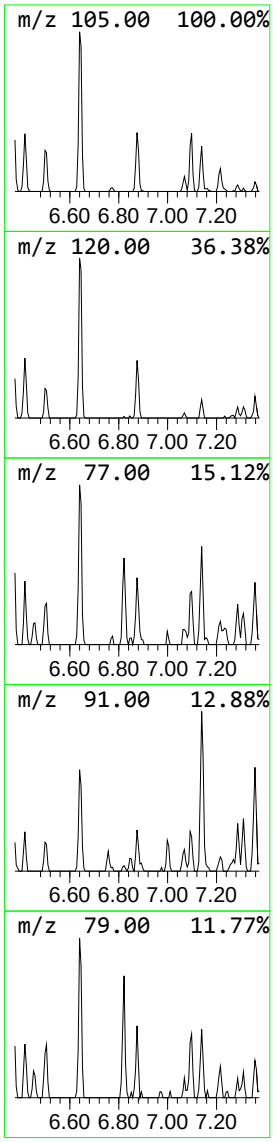
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	2.03 ng	41369	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

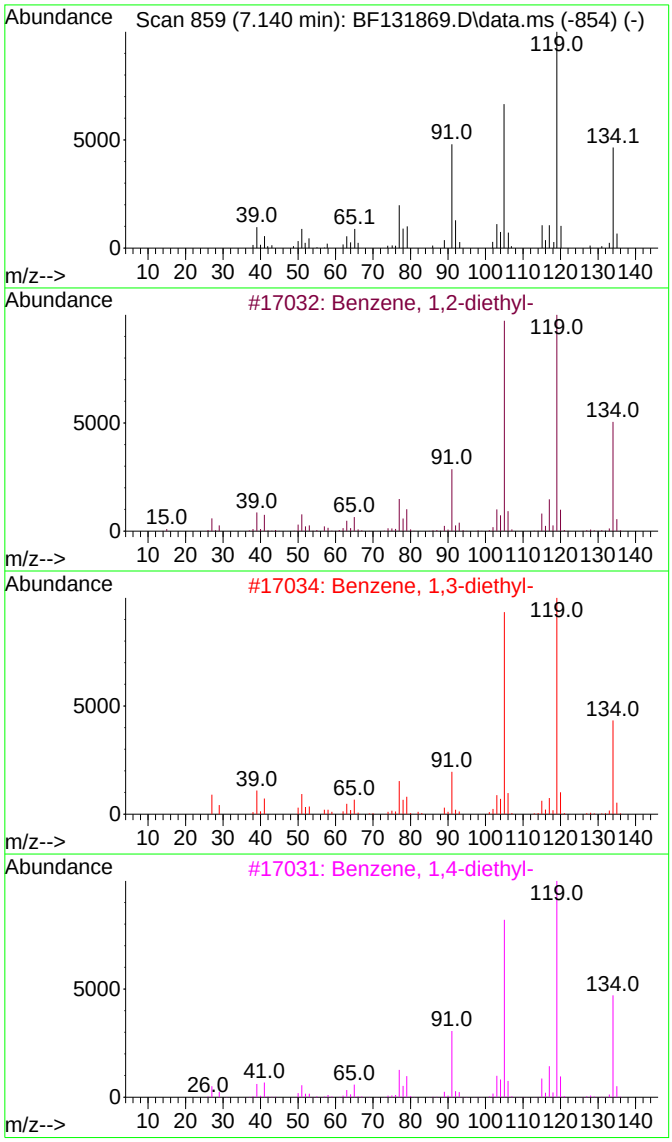
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

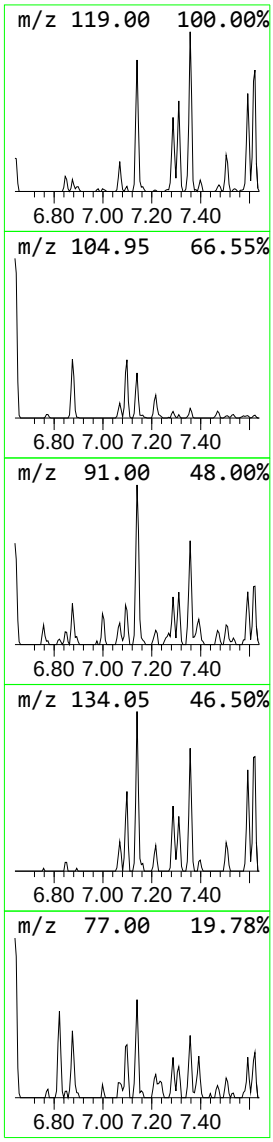
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	3.75 ng	76312	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

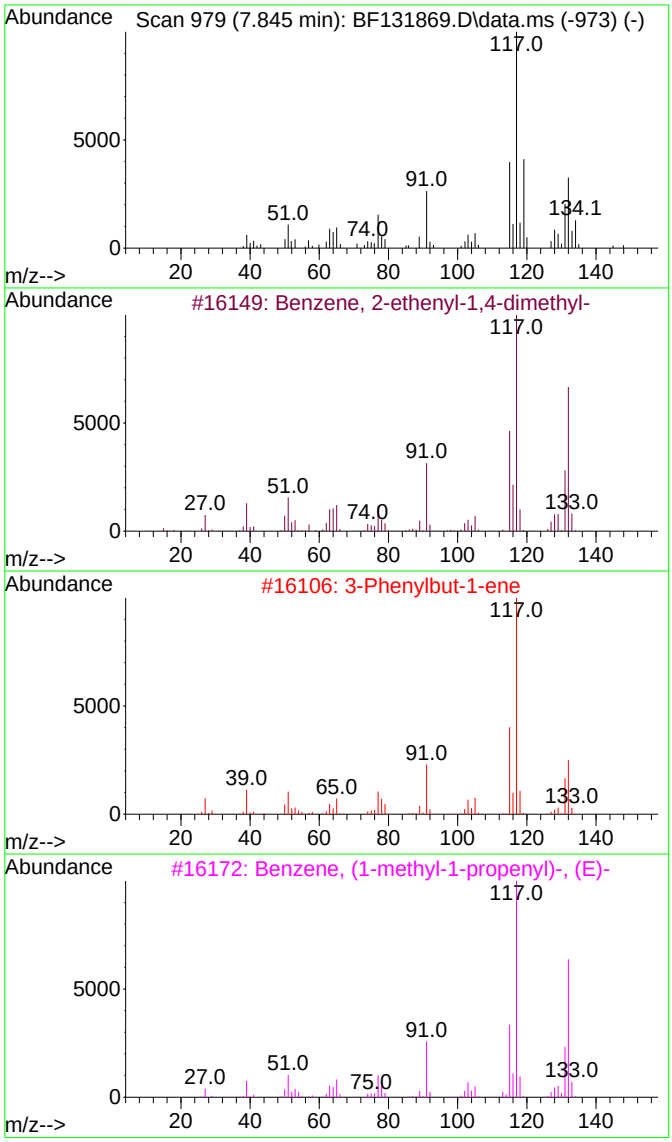
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

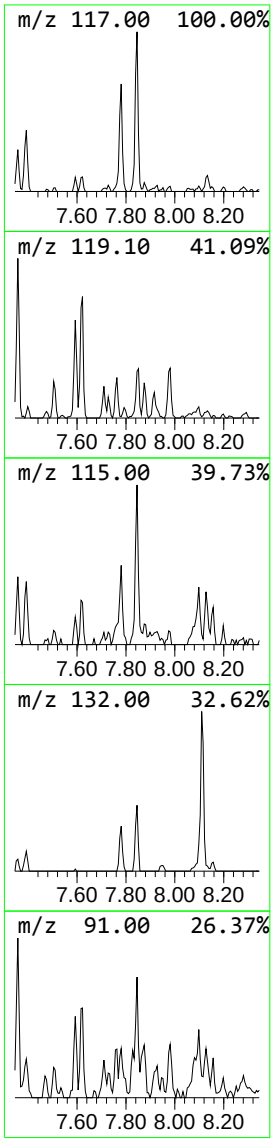
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	2.83 ng	86601	Naphthalene-d8	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

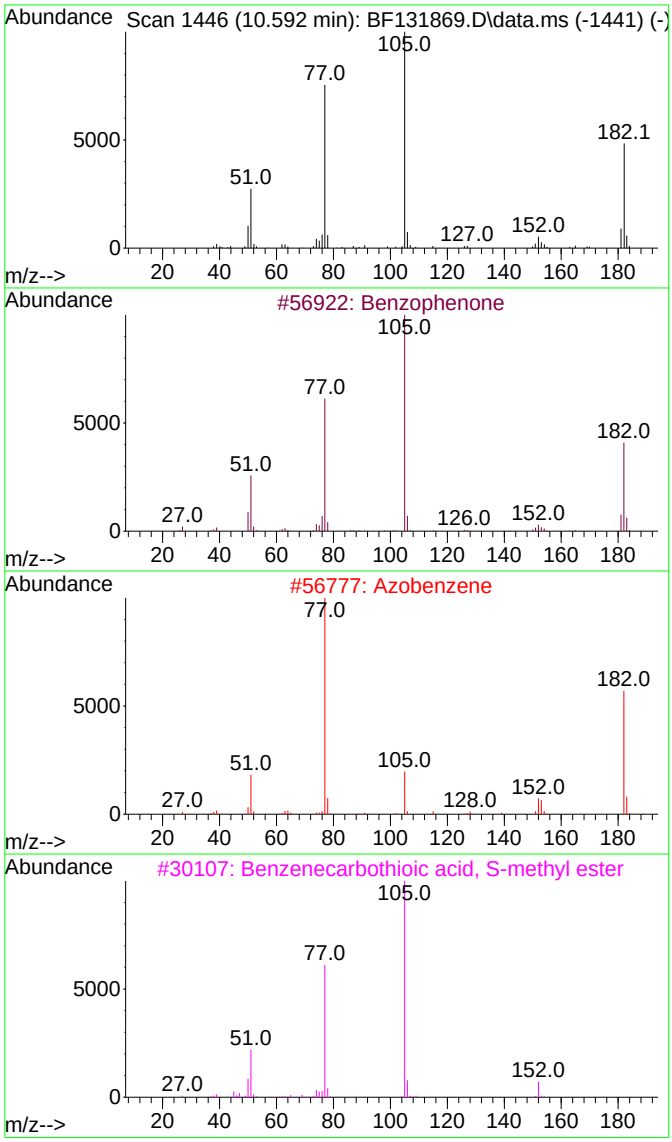
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

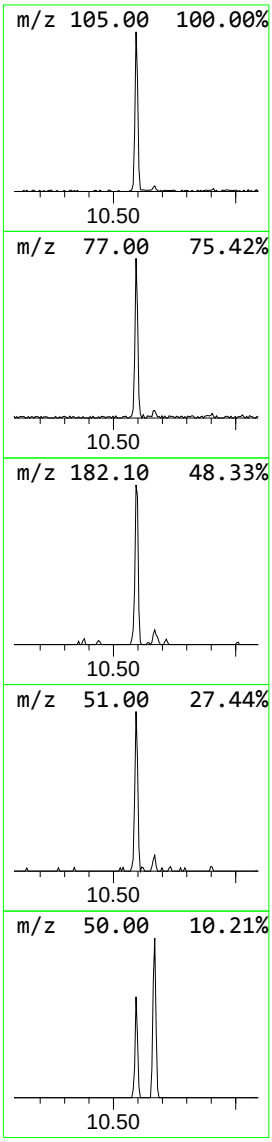
****

Peak Number 9 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	2.88 ng	84631	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	70
4	Vinyl benzoate	148	C9H8O2	000769-78-8	53
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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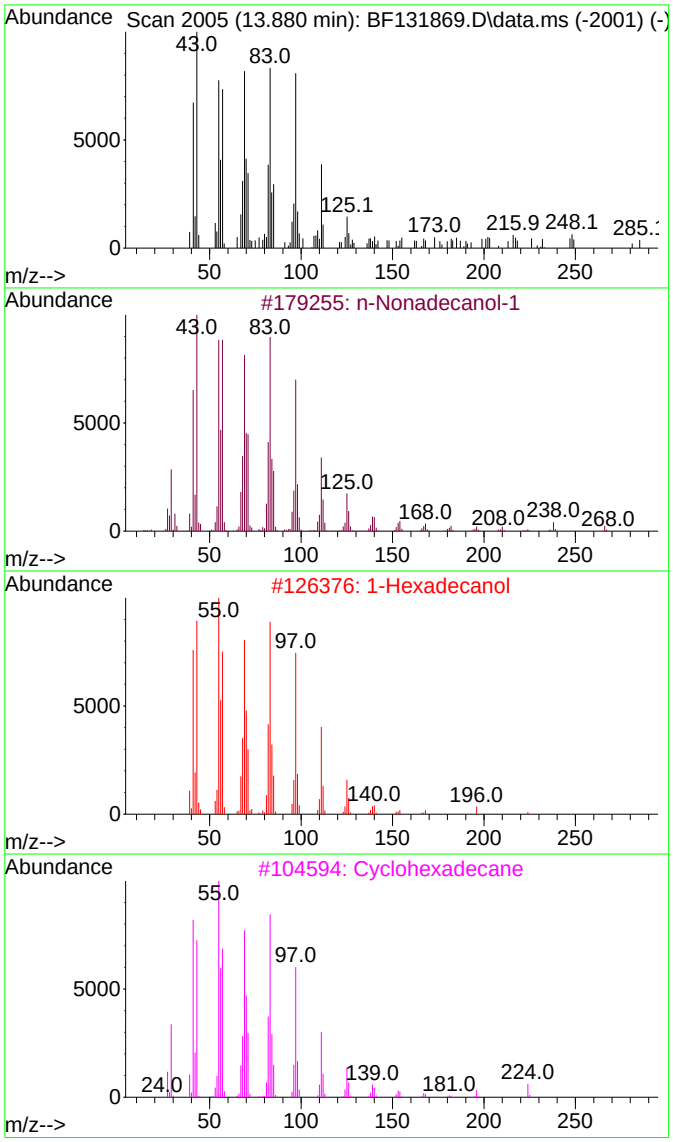
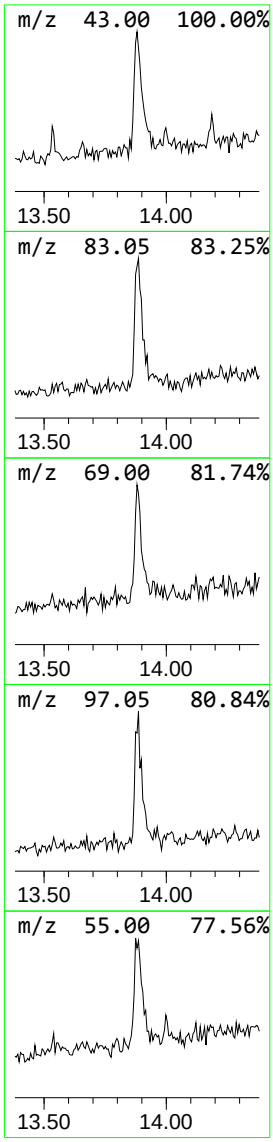
Peak Number 10 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	7.14 ng	122951	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131869.D
Acq On : 28 Dec 2022 19:37
Operator : CG\JU
Sample : N6219-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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
2-Pentanone, 4-...	5.022	28.2	ng	574906	1	6.822	407364	20.0
Benzene, 1,3-di...	5.657	2.0	ng	41442	1	6.822	407364	20.0
Benzene, 1-ethy...	6.340	3.3	ng	66361	1	6.822	407364	20.0
Mesitylene	6.640	5.7	ng	116892	1	6.822	407364	20.0
Benzene, 1-ethy...	6.875	2.0	ng	41369	1	6.822	407364	20.0
Benzene, 1,2-di...	7.140	3.8	ng	76312	1	6.822	407364	20.0
Benzene, 2-ethe...	7.845	2.8	ng	86601	2	8.110	612777	20.0
Benzophenone	10.592	2.9	ng	84631	3	9.875	587876	20.0
n-Nonadecanol-1	13.880	7.1	ng	122951	5	14.027	344493	20.0