LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126259.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.469	50	65	70	rBV	3983237	6582168	16.15%	4.961%
2	4.622	410	431	433	rBV2	8497251	40744350	100.00%	30.708%
3	5.422	563	567	571	rVB	2731377	2612567	6.41%	1.969%
4	5.663	606	608	613	rVV2	904025	931263	2.29%	0.702%
5	5.734	617	620	623	rBV	670048	553961	1.36%	0.418%
6	5.845	631	639	643	rBV3	504626	713994	1.75%	0.538%
7	5.898	643	648	650	rBV	379251	484603	1.19%	0.365%
8	5.981	658	662	666	rVB3	820427	939041	2.30%	0.708%
9	6.075	675	678	684	rVV	1583140	1995473	4.90%	1.504%
10	6.128	684	687	689	rVV	670071	634763	1.56%	0.478%
11	6.263	704	710	713	rBV2	963586	1116208	2.74%	0.841%
12	6.304	713	717	718	rVV2	461447	428177	1.05%	0.323%
13	6.322	718	720	723	rVV	870784	842440	2.07%	0.635%
14	6.357	723	726	727	rVV2	1262336	1200141	2.95%	0.905%
15	6.375	727	729	732	rVV	2301501	2066481	5.07%	1.557%
16	6.422	732	737	744	rVV3	4862147	6187071	15.19%	4.663%
17	6.504	748	751	754	rVV	2539754	2480368	6.09%	1.869%
18	6.563	757	761	766	rVV3	689003	1177736	2.89%	0.888%
19	6.663	773	778	783	rVV2	2472832	2645405	6.49%	1.994%
20	6.769	791	796	798	rVV4	335530	598662	1.47%	0.451%
21	6.816	798	804	806	rVV2	1853568	2188248	5.37%	1.649%
22	6.851	806	810	812	rVV2	1920014	2397713	5.88%	1.807%
23	6.881	812	815	820	rVV2	5223638	5753008	14.12%	4.336%
24	6.969	827	830	833	rVV2	917779	1222870	3.00%	0.922%
25	6.998	833	835	838	rVV	793206	675041	1.66%	0.509%
26	7.069	842	847	849	rVV	1115396	1124841	2.76%	0.848%
27	7.098	849	852	855	rVB2	1635867	1520220	3.73%	1.146%
28	7.139	855	859	861	rBV	2933237	2759483	6.77%	2.080%
29	7.163	861	863	868	rVB	962931	790206	1.94%	0.596%
30	7.216	868	872	875	rBV2	1697158	1640752	4.03%	1.237%
31	7.357	890	896	897	rBV	2035583	2011095	4.94%	1.516%
32	7.381	897	900	904	rVV2	3310431	3851503	9.45%	2.903%
33	7.422	904	907	910	rVB	1178006	1000830	2.46%	0.754%
34	7.469	910	915	918	rBV3	636333	755656	1.85%	0.570%
35	7.504	918	921	923	rVV2	728213	714485	1.75%	0.538%
36	7.534	923	926	929	rVV3	405814	427414	1.05%	0.322%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.587	929	935	937	rVV2	776898	951381	2.34%	0.717%
38	7.616	937	940	943	rVV	1071780	1015893	2.49%	0.766%
39	7.757	960	964	967	rVV2	421176	553502	1.36%	0.417%
40	7.839	972	978	981	rVV	895351	1088524	2.67%	0.820%
41	7.910	986	990	993	rVV3	244299	436210	1.07%	0.329%
42	8.098	1017	1022	1024	rBV	2319129	2304163	5.66%	1.737%
43	8.116	1024	1025	1029	rVB	567923	449170	1.10%	0.339%
44	8.528	1090	1095	1100	rBV4	281439	535581	1.31%	0.404%
45	9.175	1200	1205	1209	rBV	4883242	5286039	12.97%	3.984%
46	9.257	1212	1219	1224	rVB3	530471	802730	1.97%	0.605%
47	9.851	1314	1320	1324	rBV	2363497	2145181	5.26%	1.617%
48	10.639	1449	1454	1457	rBV	3050443	3032286	7.44%	2.285%
49	11.333	1569	1572	1576	rBV	2127024	2028956	4.98%	1.529%
50	12.927	1838	1843	1846	rBV	4751811	4951326	12.15%	3.732%
51	13.968	2016	2020	2024	rVB	1568722	1576321	3.87%	1.188%
52	14.068	2032	2037	2043	rVB	388488	473159	1.16%	0.357%
53	15.415	2261	2266	2271	rBV	1038514	1285963	3.16%	0.969%

Sum of corrected areas: 132684622

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Misc :
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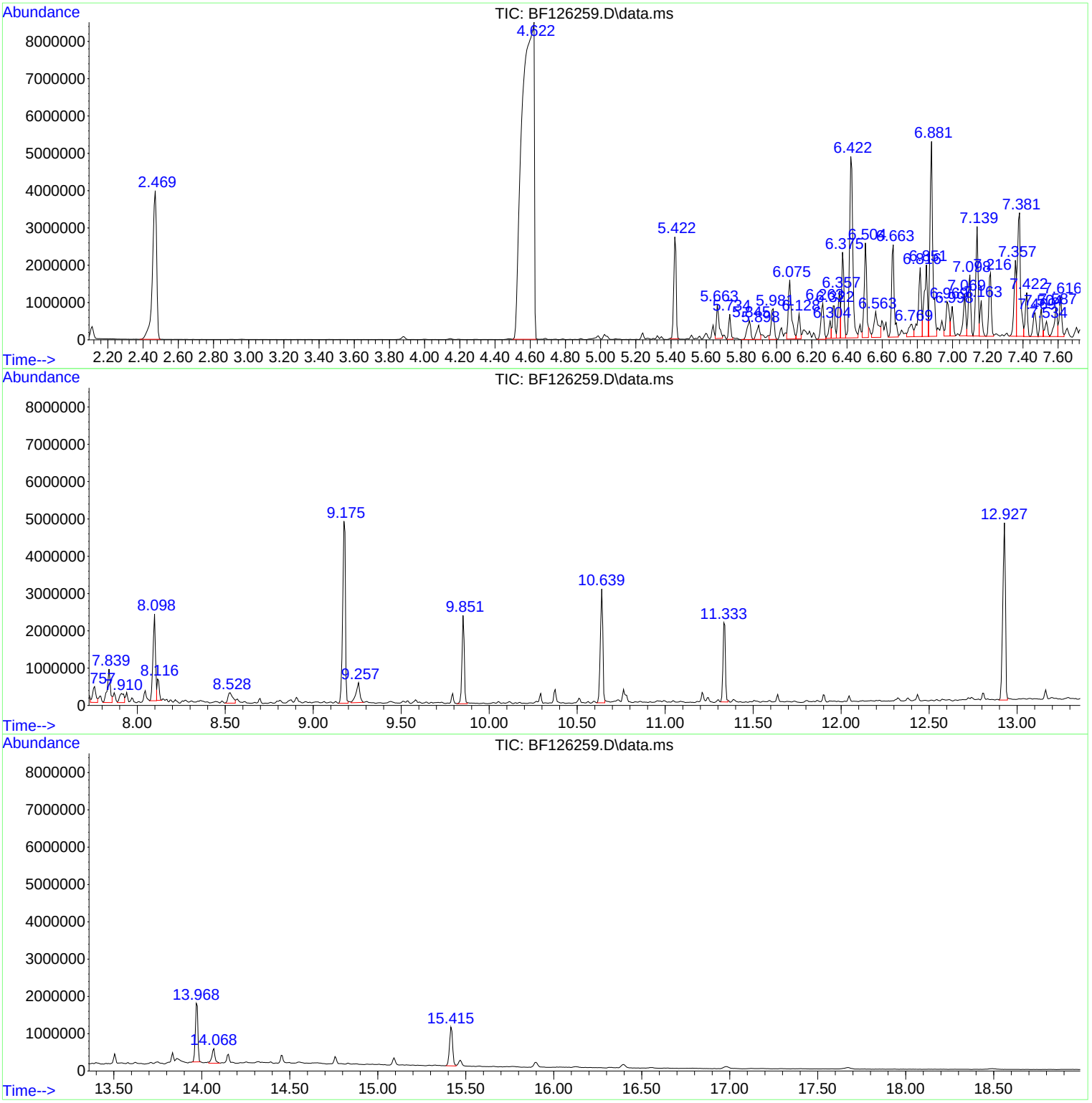
Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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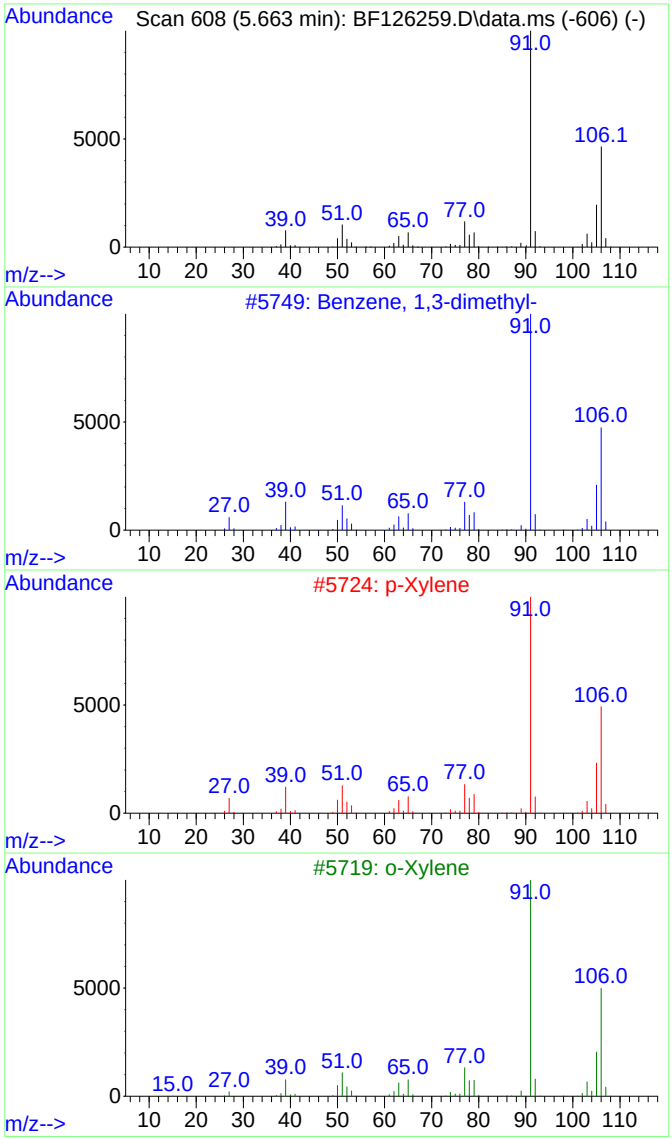
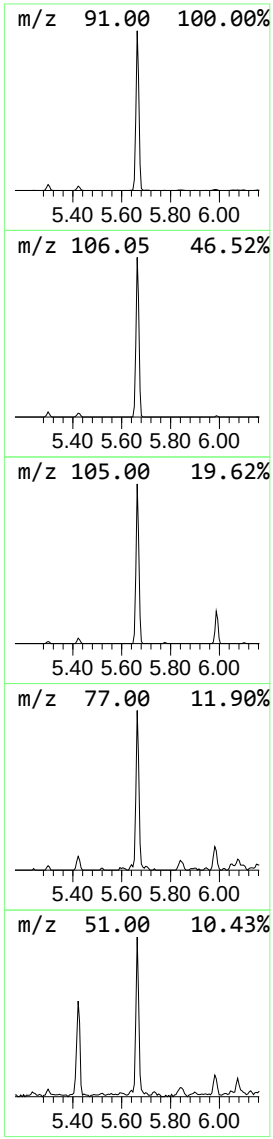
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.663	8.51 ng	931263	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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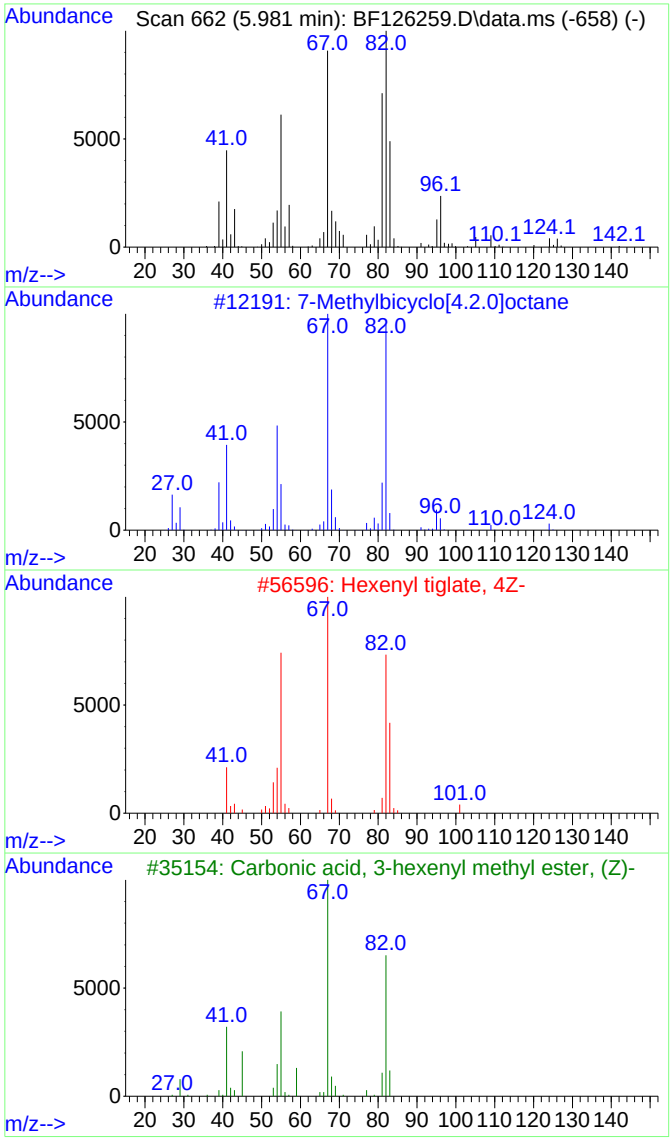
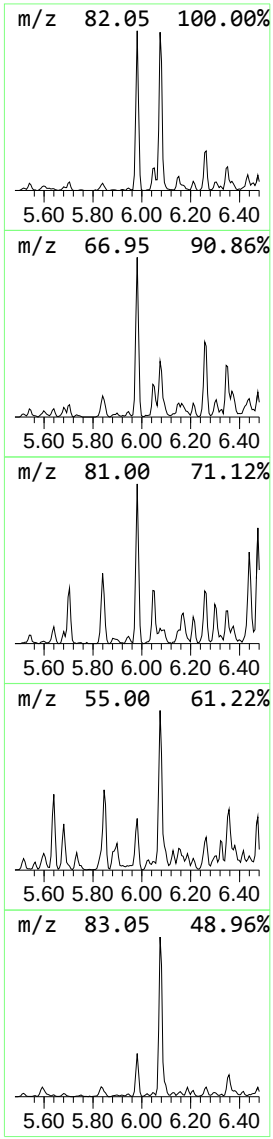
Peak Number 4 7-Methylbicyclo[4.2.0]octane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	8.58 ng	939041	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	68
2	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	64
3	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	53
4	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	47
5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

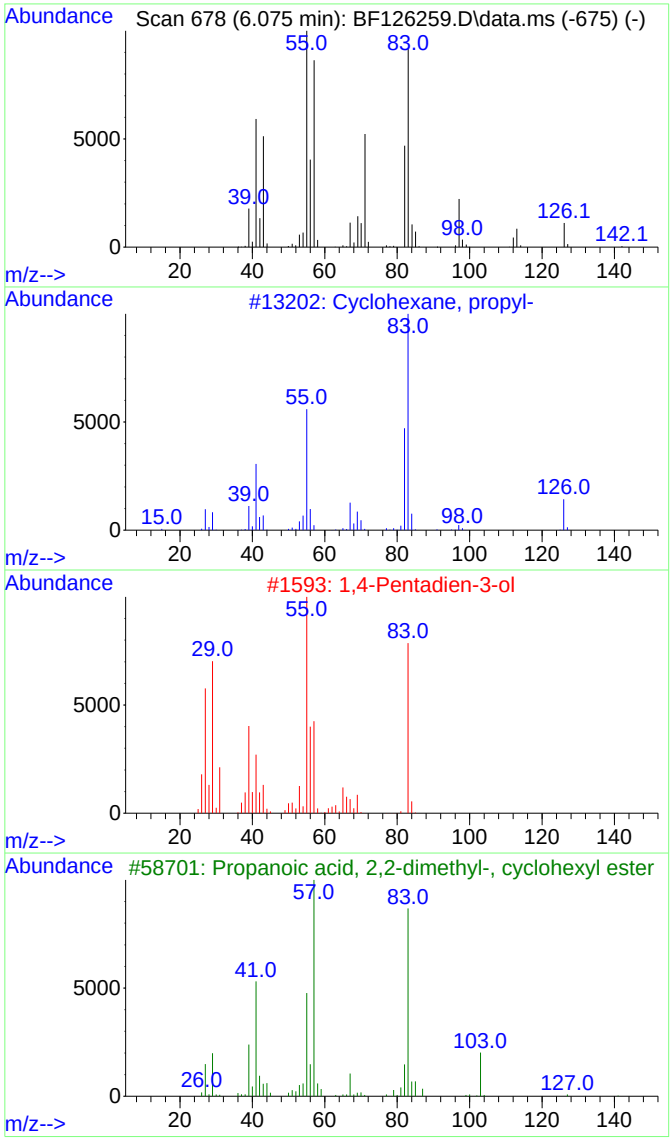
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

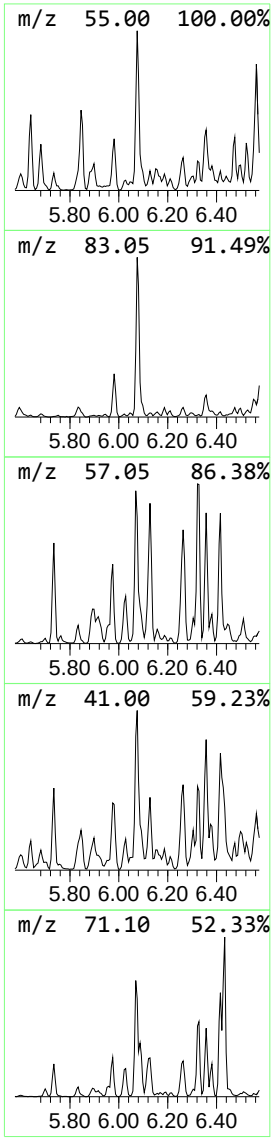
****

Peak Number 5 unknown6.075 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	18.24 ng	1995470	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
2	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	43
3	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	38
4	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	27
5	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
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Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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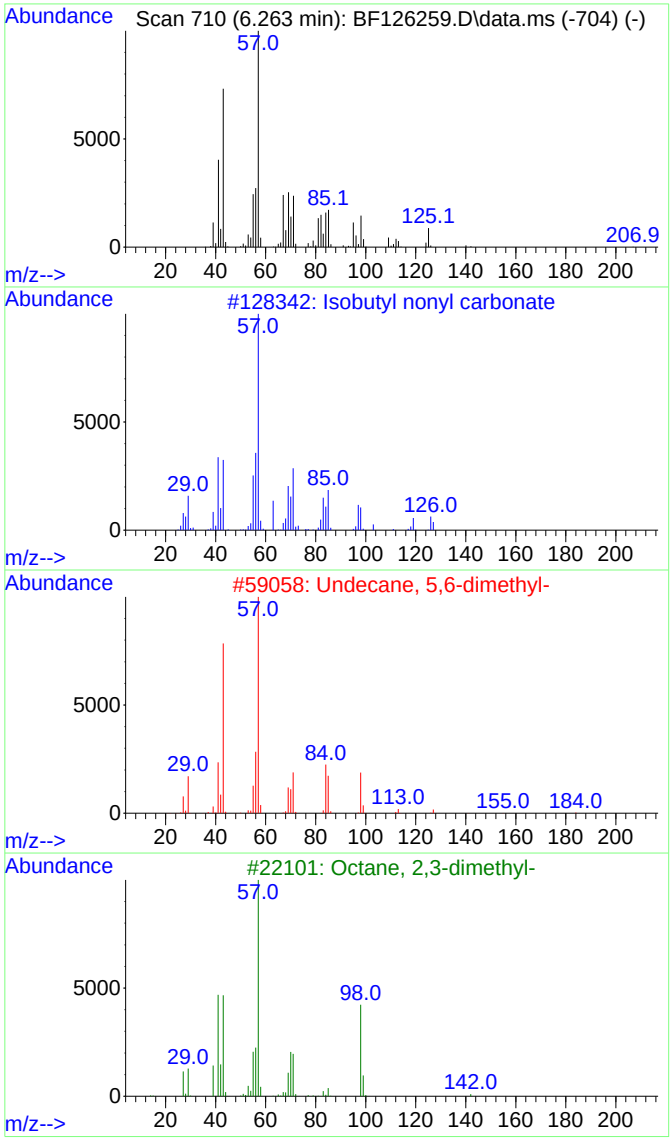
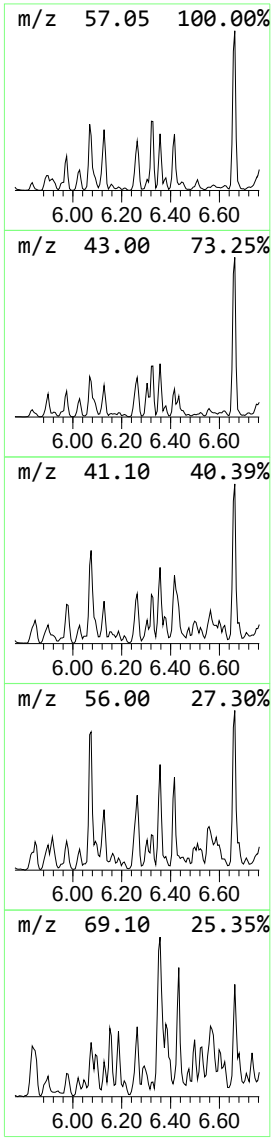
Peak Number 6 Isobutyl nonyl carbonate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.263	10.20 ng	1116210	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
4	Decane, 5-methyl-	156	C11H24	013151-35-4	38
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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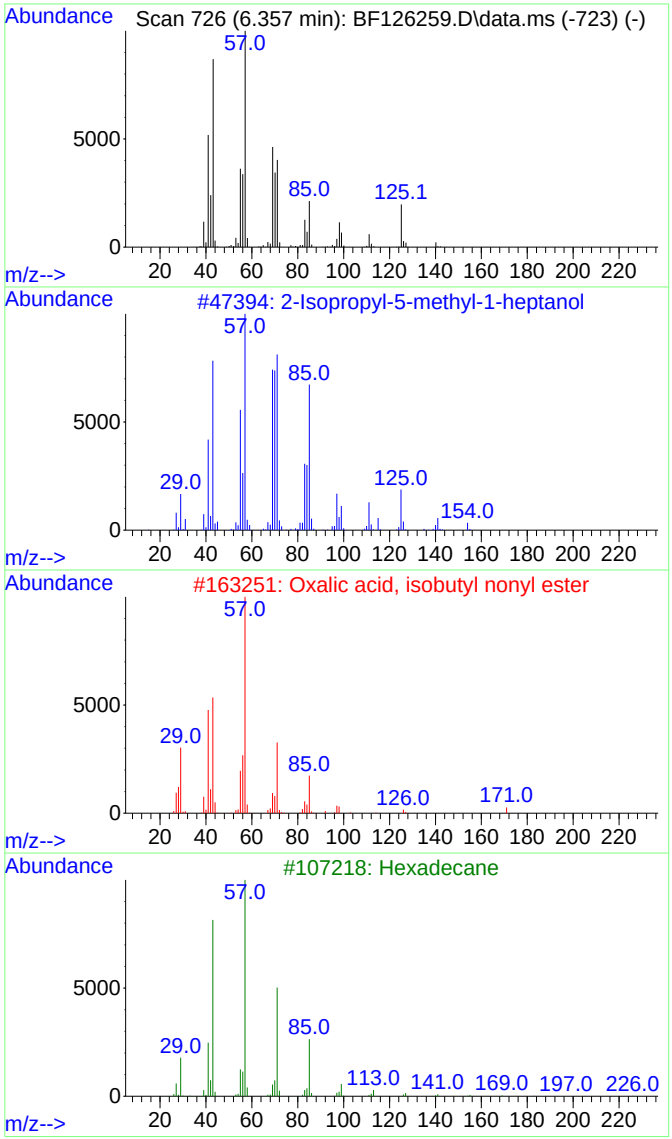
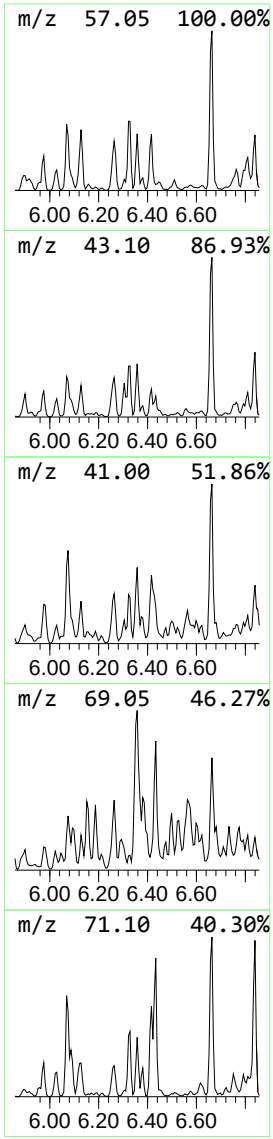
Peak Number 7 2-Isopropyl-5-methyl-1-hept... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	10.97 ng	1200140	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	59
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
3	Hexadecane	226	C16H34	000544-76-3	47
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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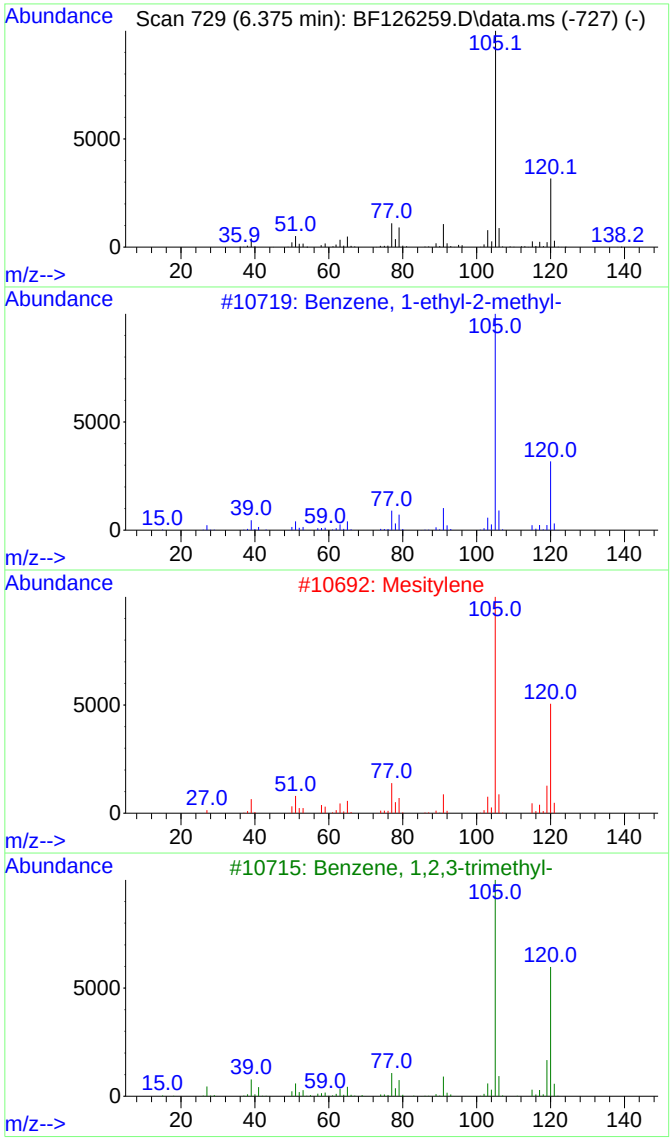
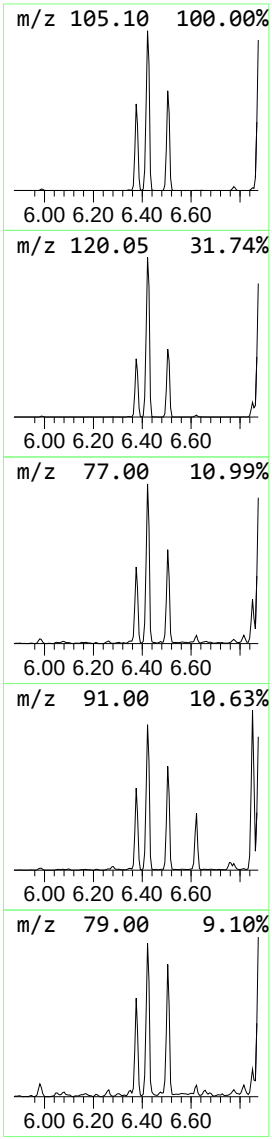
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	18.89 ng	2066480	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

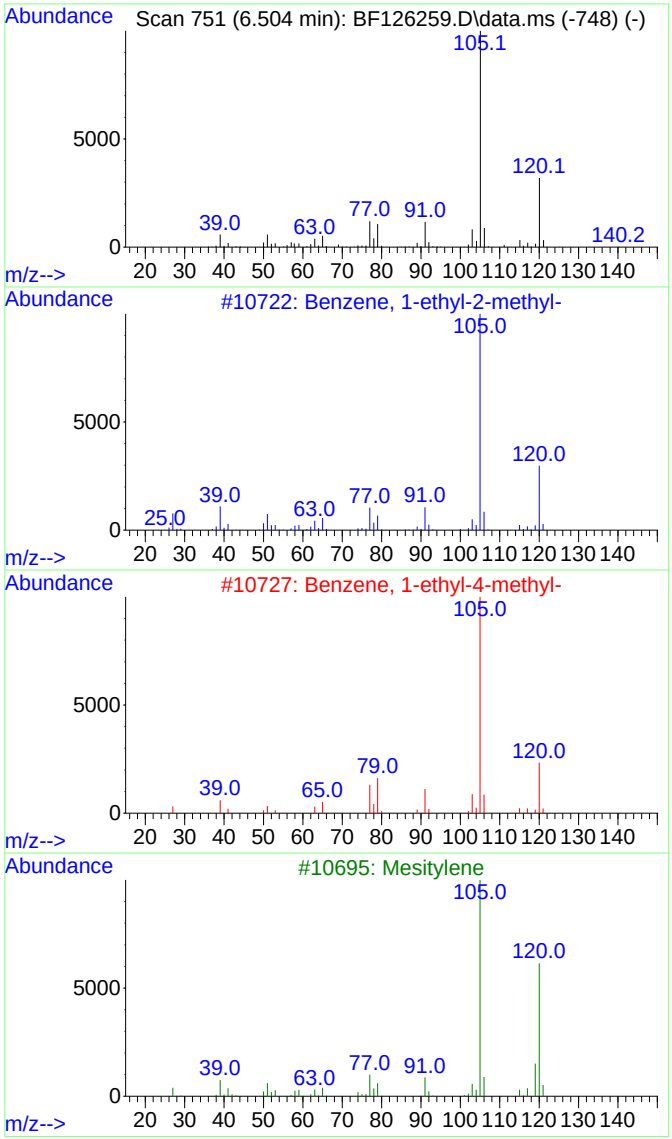
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

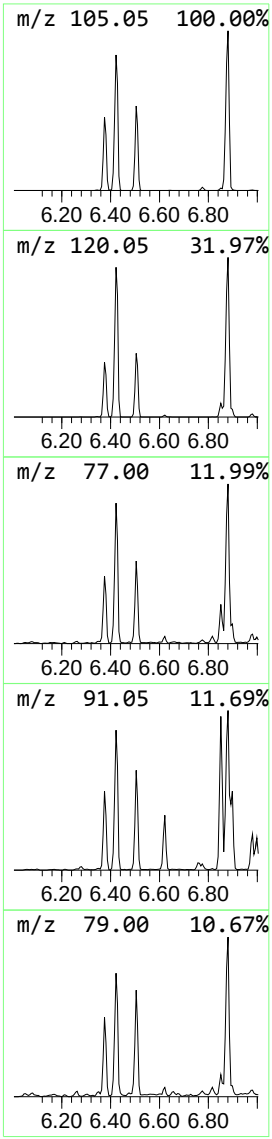
****

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.504	22.67 ng	2480370	1,4-Dichlorobenzene-d4	6.816

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

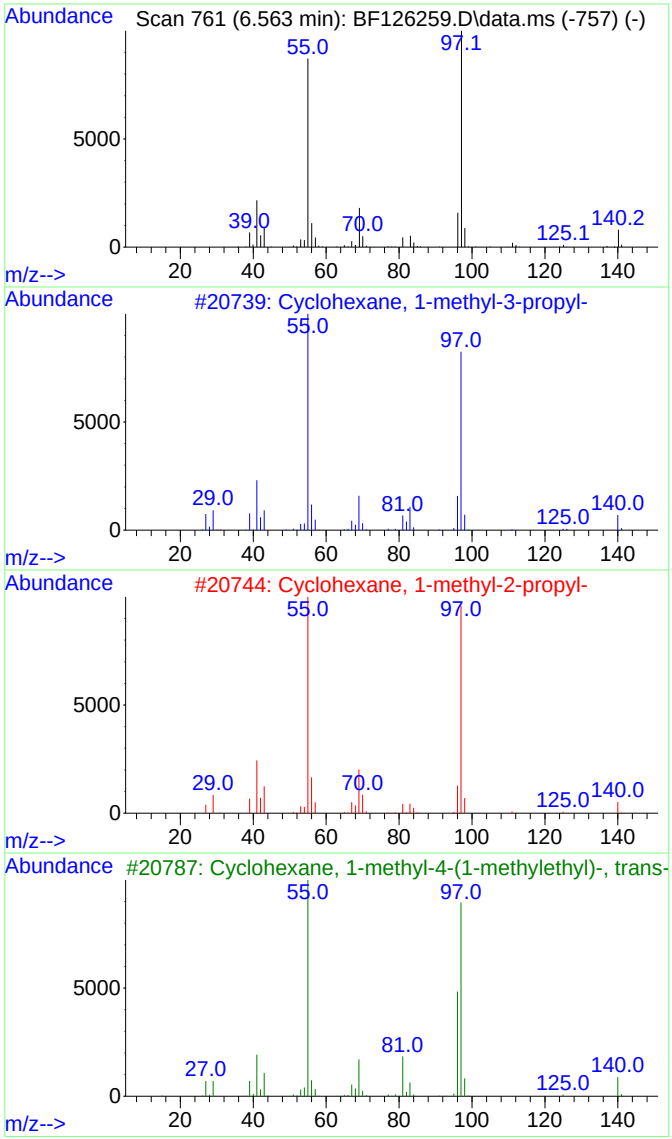
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

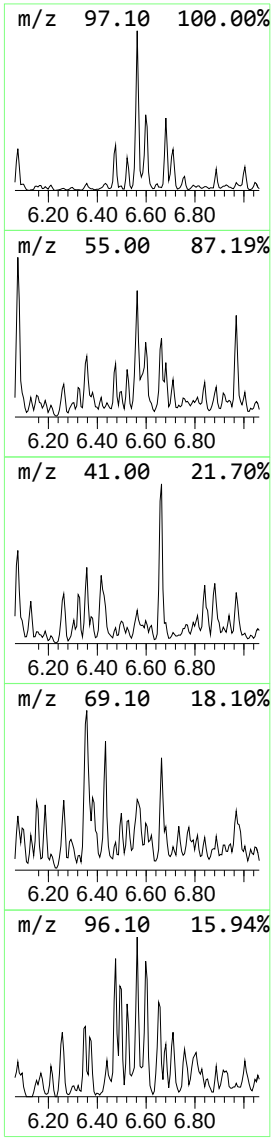
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-methyl-3-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	10.76 ng	1177740	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	78
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78





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Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

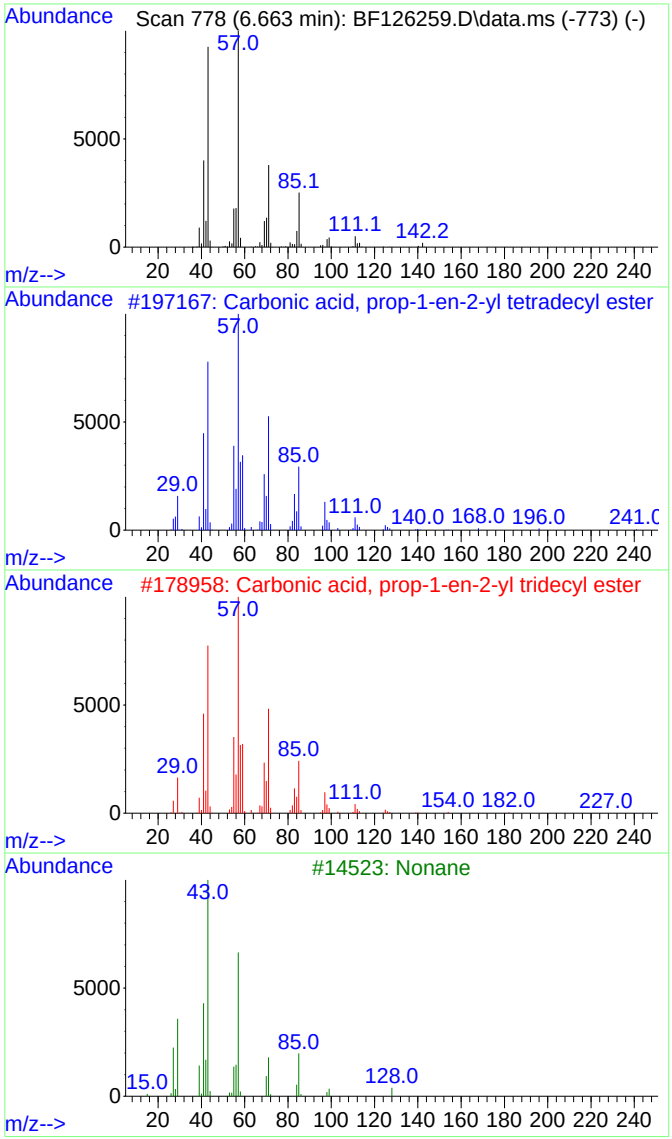
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

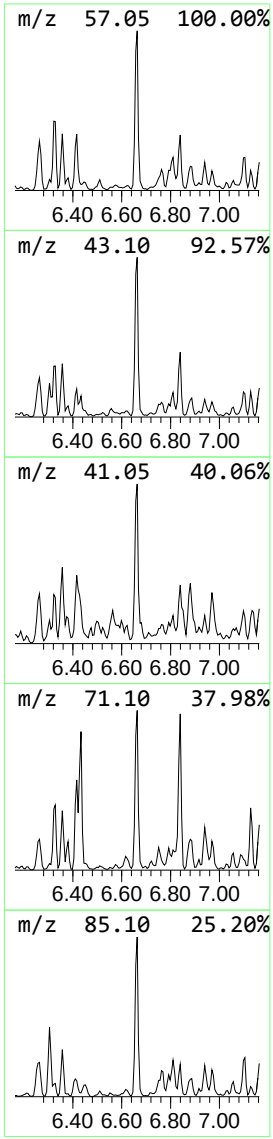
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Carbonic acid, prop-1-en-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	24.18 ng	2645410	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	80
3	Nonane	128	C9H20	000111-84-2	72
4	Decane	142	C10H22	000124-18-5	72
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	64





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Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

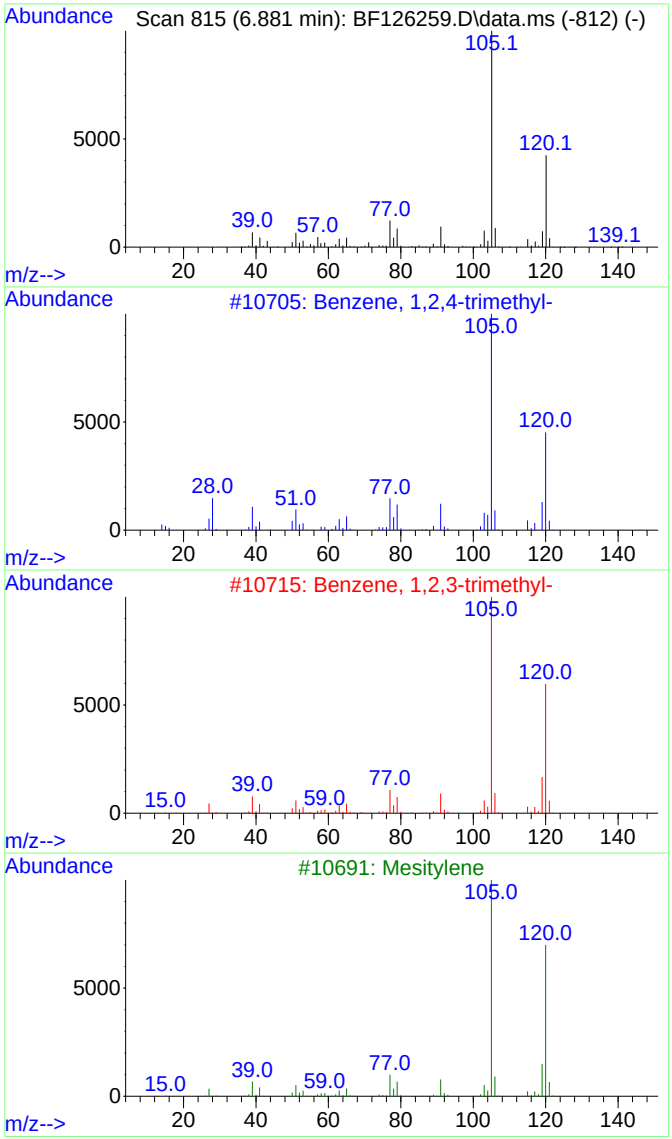
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

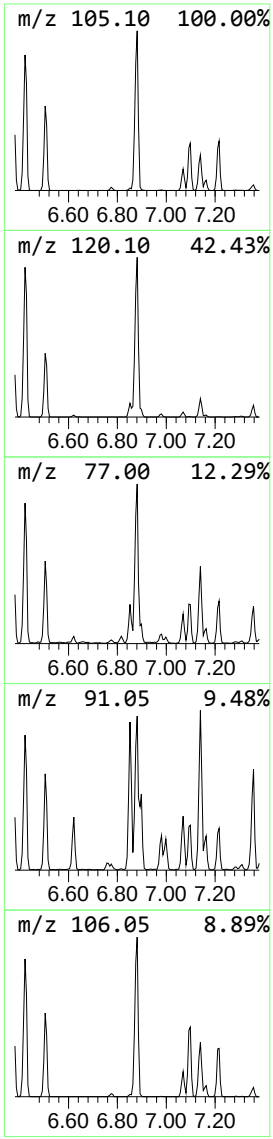
****

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.881	52.58 ng	5753010	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

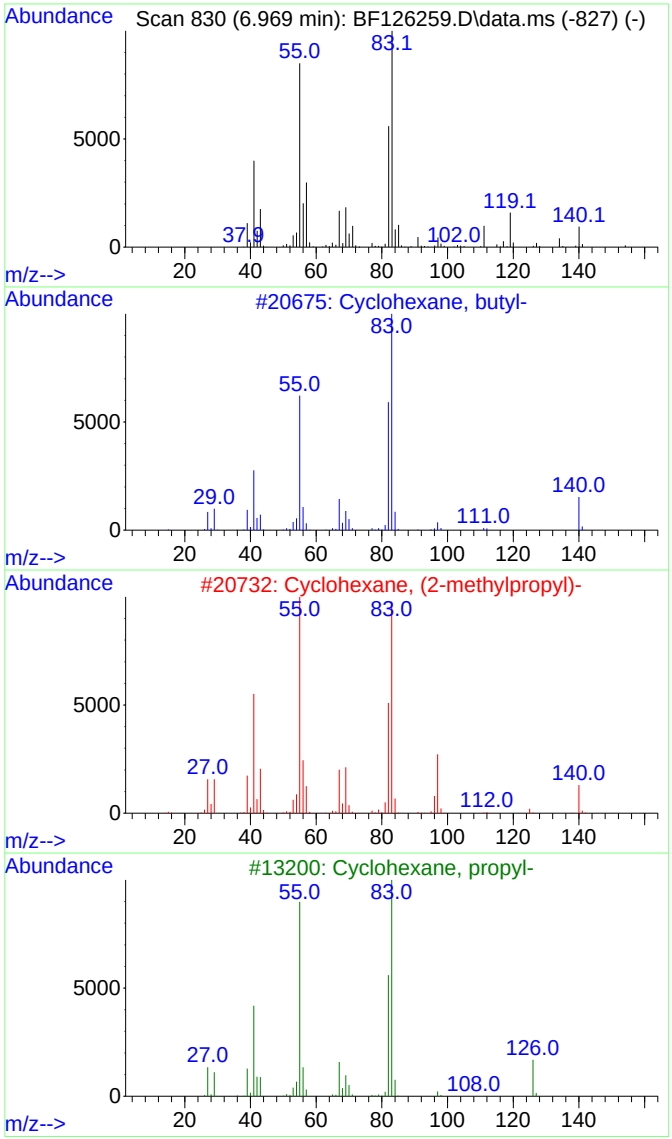
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

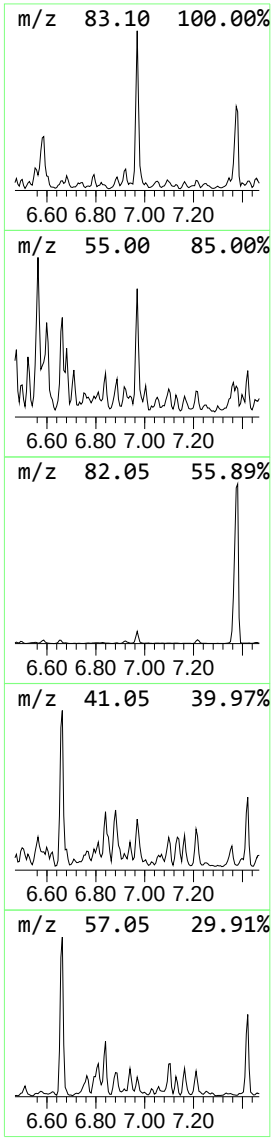
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	11.18 ng	1222870	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	46





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Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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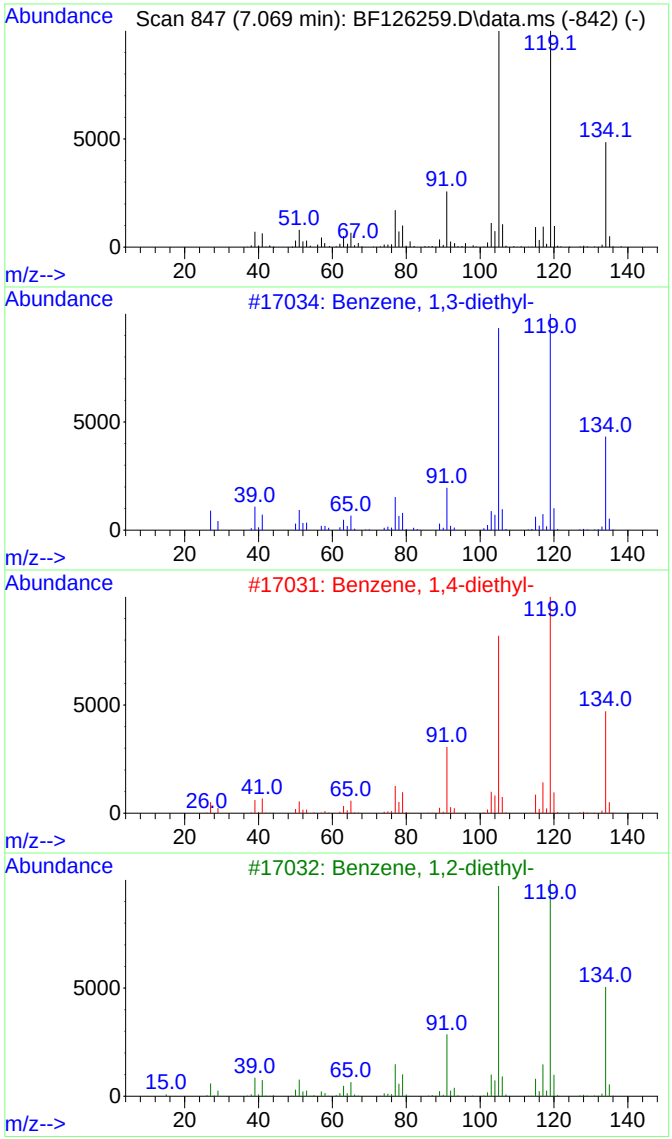
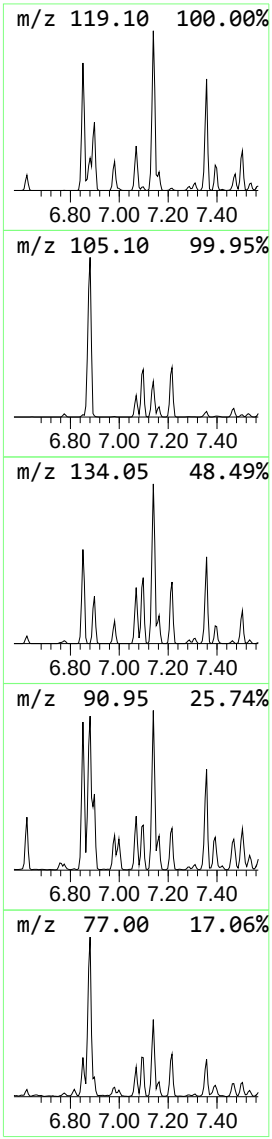
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	10.28 ng	1124840	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





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Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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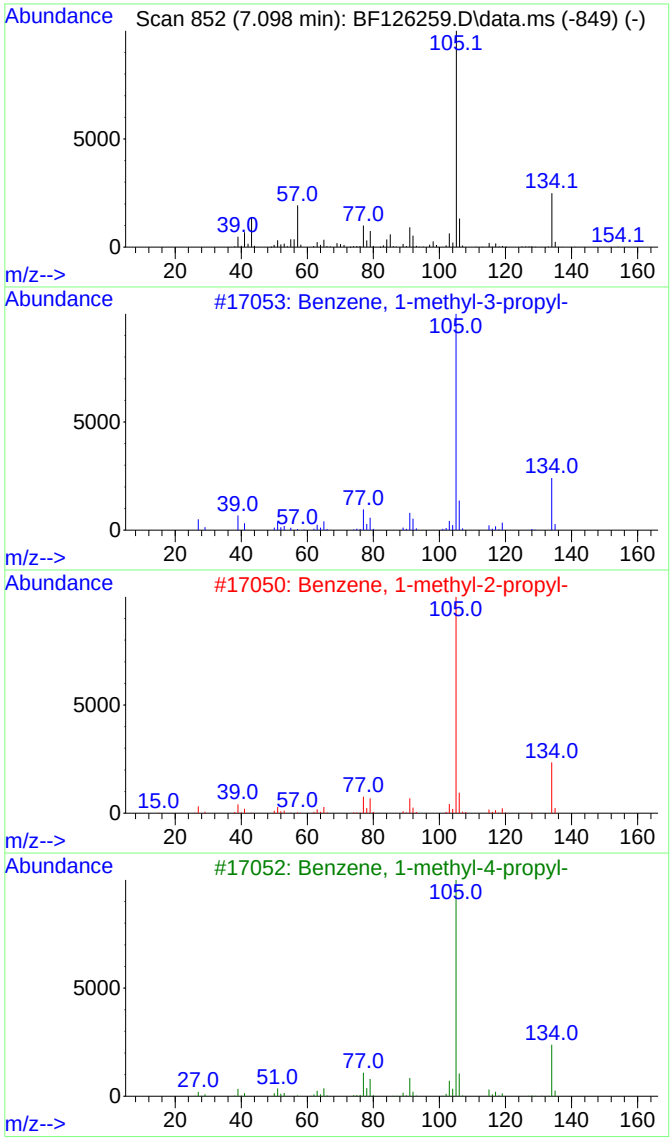
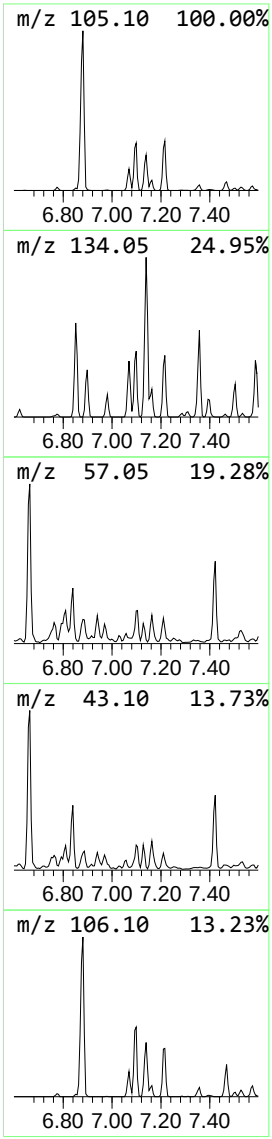
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	13.89 ng	1520220	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59





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Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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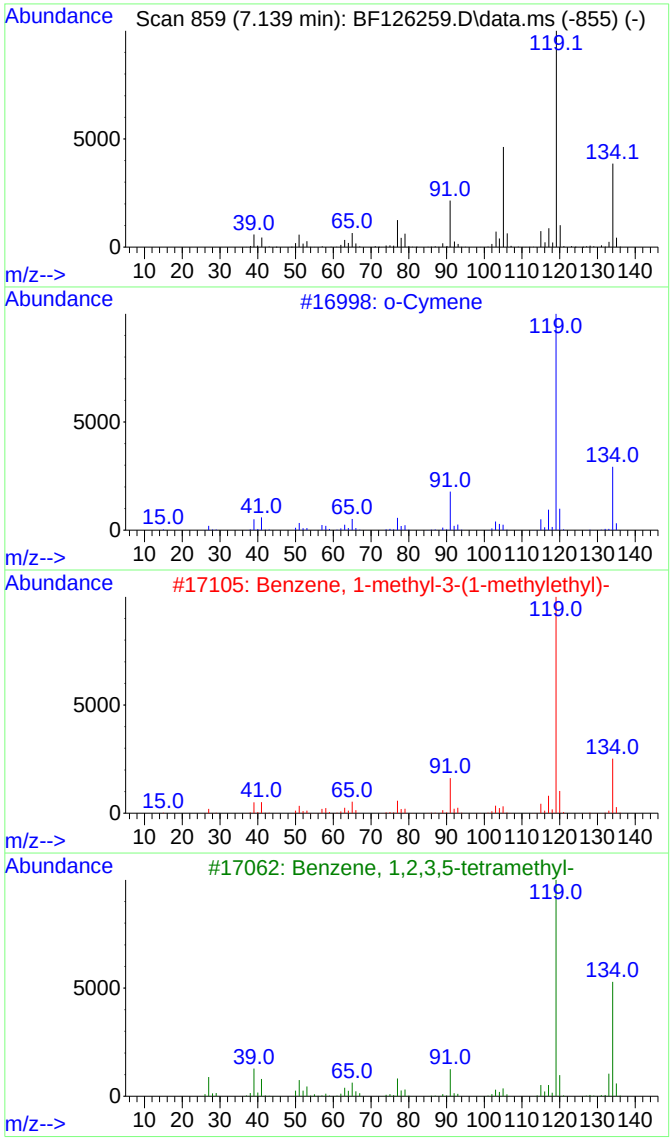
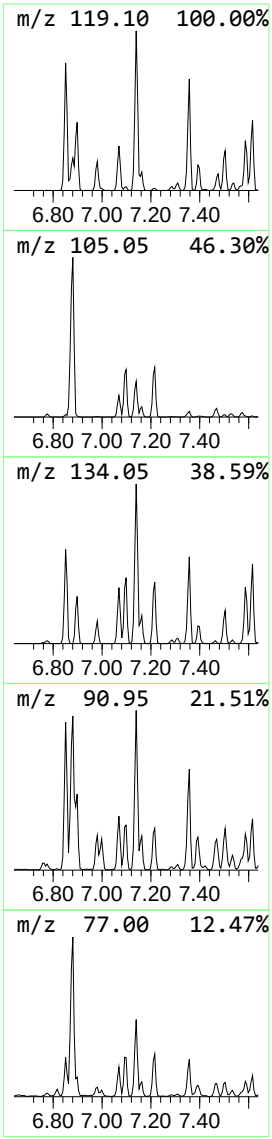
Peak Number 16 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	25.22 ng	2759480	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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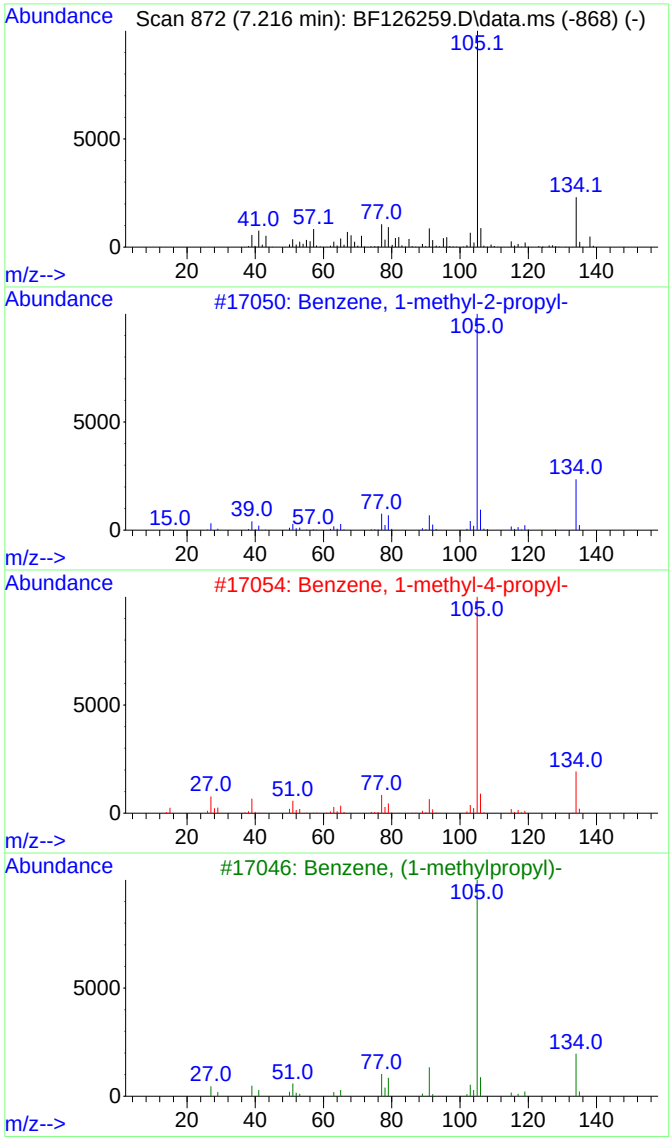
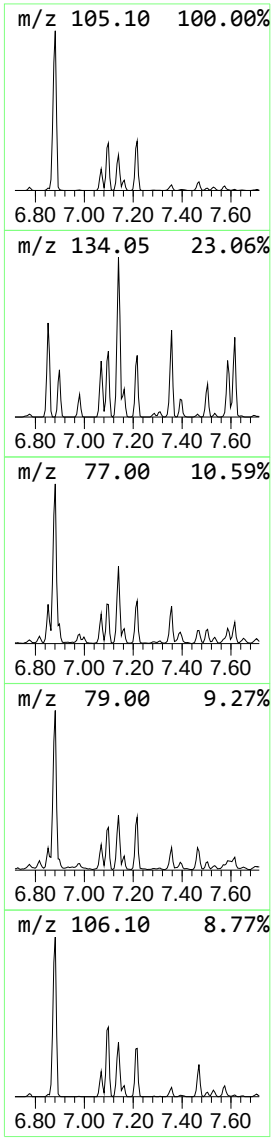
Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	15.00 ng	1640750	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59
5	2-Tolyloxirane	134	C9H10O	002783-26-8	52





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Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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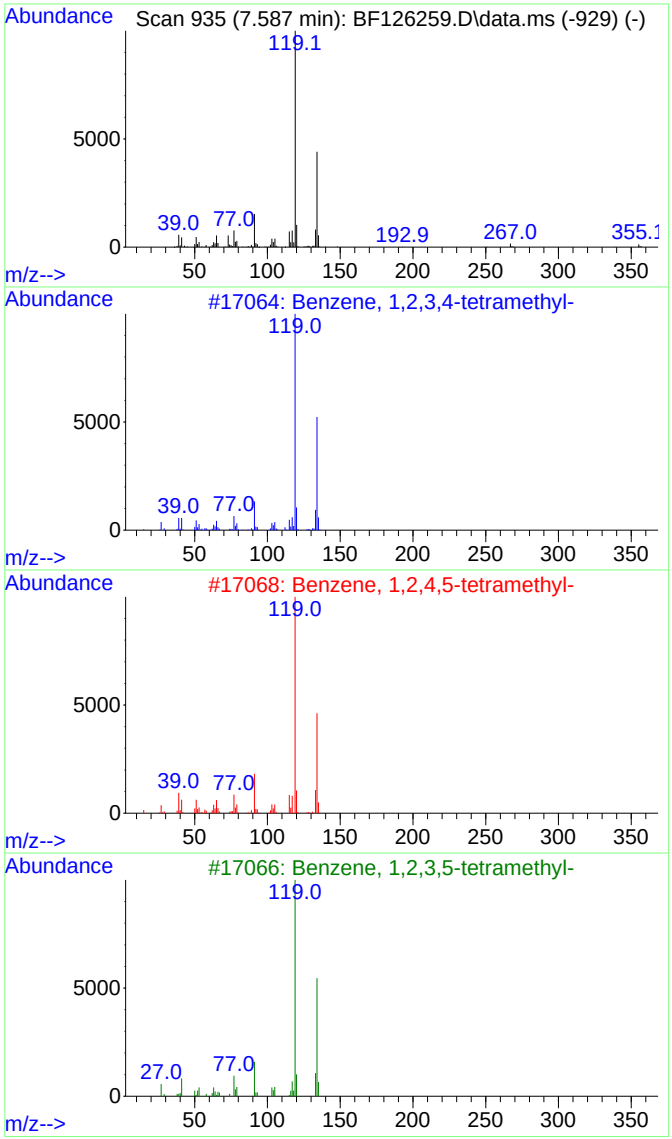
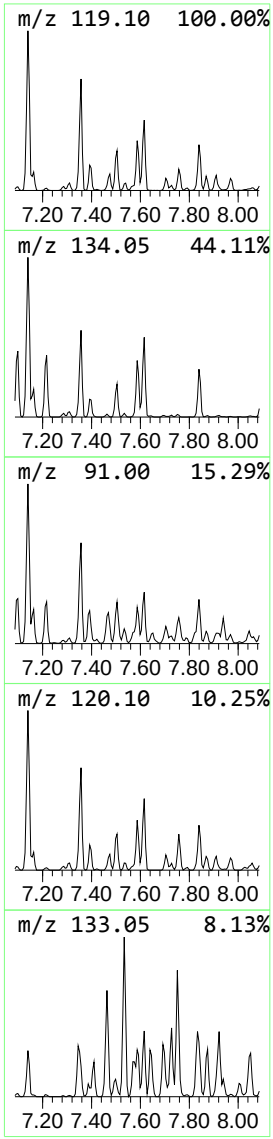
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	8.26 ng	951381	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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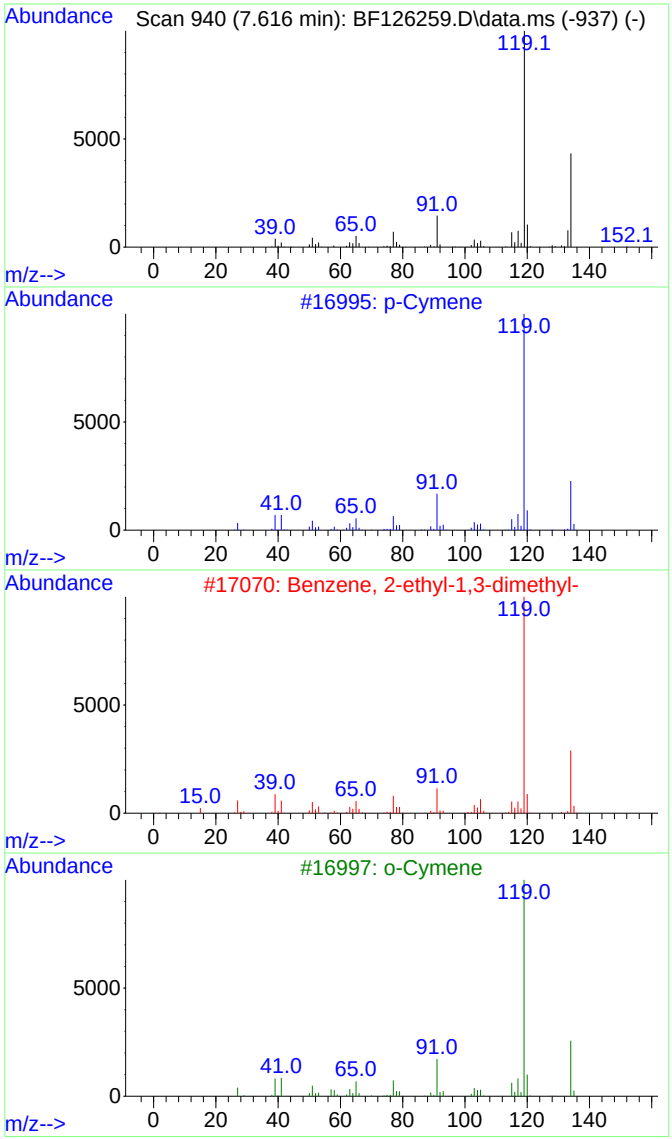
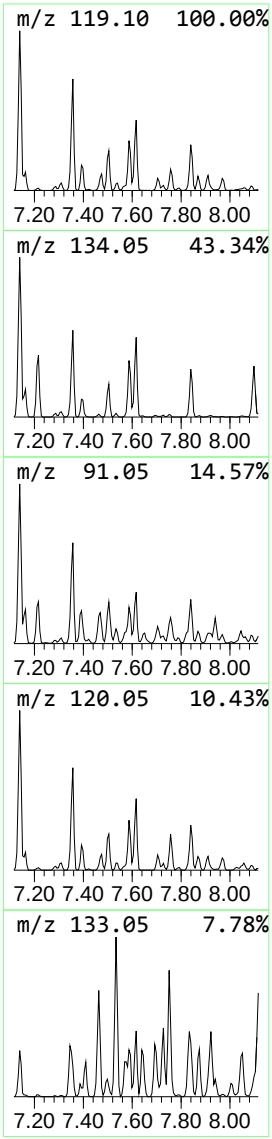
Peak Number 19 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	8.82 ng	1015890	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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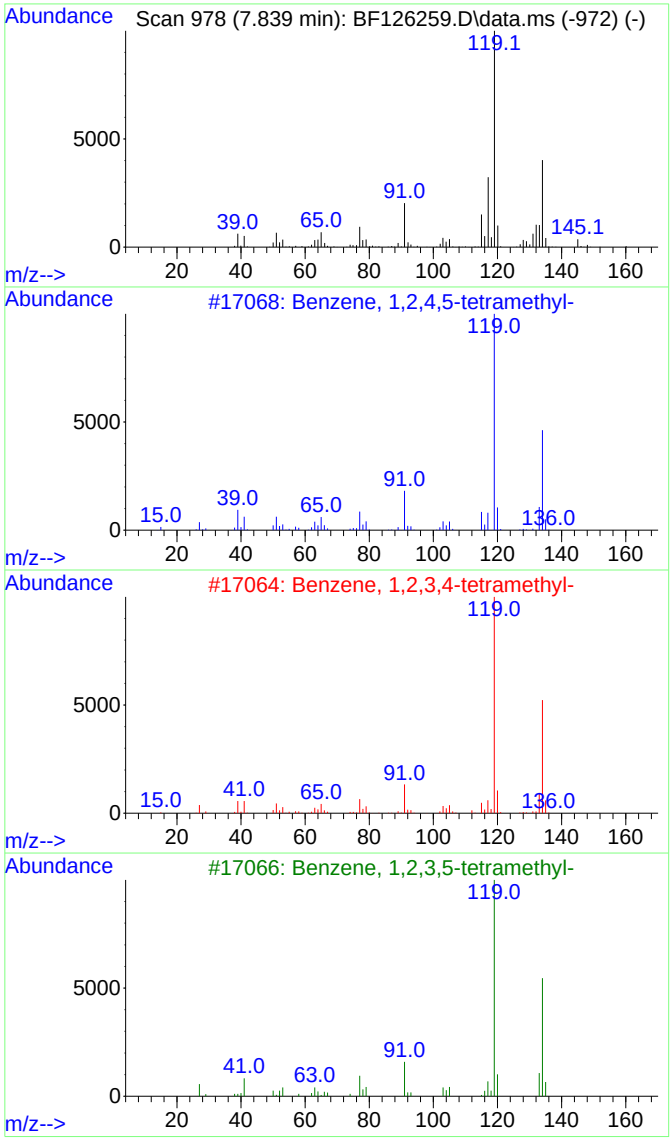
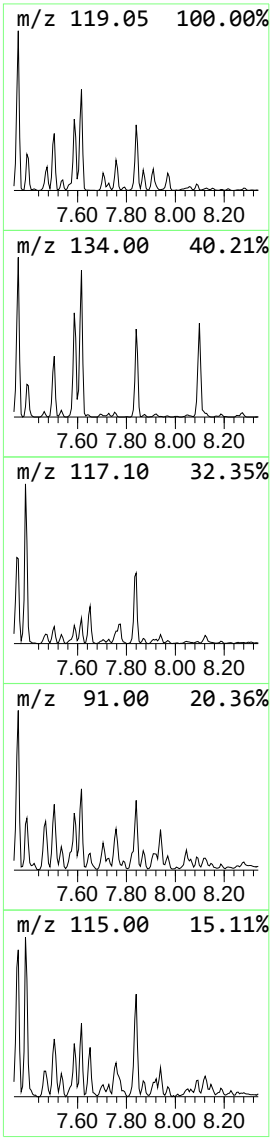
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.839	9.45 ng	1088520	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126259.D
Acq On : 18 Dec 2021 17:45
Operator : JU/CG
Sample : M5165-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
Benzene, 1,3-di...	5.663	8.5	ng	931263	1	6.816	2188250	20.0
7-Methylbicyclo...	5.981	8.6	ng	939041	1	6.816	2188250	20.0
unknown6.075	6.075	18.2	ng	1995470	1	6.816	2188250	20.0
Isobutyl nonyl ...	6.263	10.2	ng	1116210	1	6.816	2188250	20.0
2-Isopropyl-5-m...	6.357	11.0	ng	1200140	1	6.816	2188250	20.0
Benzene, 1-ethy...	6.375	18.9	ng	2066480	1	6.816	2188250	20.0
Benzene, 1-ethy...	6.504	22.7	ng	2480370	1	6.816	2188250	20.0
Cyclohexane, 1-...	6.563	10.8	ng	1177740	1	6.816	2188250	20.0
Carbonic acid, ...	6.663	24.2	ng	2645410	1	6.816	2188250	20.0
Benzene, 1,2,4-...	6.881	52.6	ng	5753010	1	6.816	2188250	20.0
Cyclohexane, bu...	6.969	11.2	ng	1222870	1	6.816	2188250	20.0
Benzene, 1,3-di...	7.069	10.3	ng	1124840	1	6.816	2188250	20.0
Benzene, 1-meth...	7.098	13.9	ng	1520220	1	6.816	2188250	20.0
o-Cymene	7.139	25.2	ng	2759480	1	6.816	2188250	20.0
Benzene, 1-meth...	7.216	15.0	ng	1640750	1	6.816	2188250	20.0
Benzene, 1,2,3,...	7.587	8.3	ng	951381	2	8.098	2304160	20.0
p-Cymene	7.616	8.8	ng	1015890	2	8.098	2304160	20.0
Benzene, 1,2,4,...	7.839	9.4	ng	1088520	2	8.098	2304160	20.0