LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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: BF133280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.251	17	28	34	rBV	1319605	1764550	30.24%	3.813%
2	2.581	74	84	89	rBV	263571	367392	6.30%	0.794%
3	2.734	105	110	124	rVB2	263037	422391	7.24%	0.913%
4	2.887	130	136	141	rBV	162088	246636	4.23%	0.533%
5	2.946	141	146	153	rVV	55156	94997	1.63%	0.205%
6	3.022	153	159	165	rVB	51198	82435	1.41%	0.178%
7	4.375	379	389	394	rBV	95806	132810	2.28%	0.287%
8	4.463	397	404	408	rVV	2499796	3390054	58.10%	7.325%
9	4.716	442	447	456	rVB2	454103	543666	9.32%	1.175%
10	4.922	478	482	484	rBV	405858	476087	8.16%	1.029%
11	5.357	550	556	559	rVB	1445192	2091876	35.85%	4.520%
12	5.734	616	620	623	rBV	72510	64853	1.11%	0.140%
13	6.269	706	711	716	rVB	87254	79477	1.36%	0.172%
14	6.369	725	728	734	rVB	718670	661422	11.34%	1.429%
15	6.492	746	749	753	rBV	1459760	1332438	22.84%	2.879%
16	6.722	785	788	792	rBV	1398661	1107890	18.99%	2.394%
17	6.792	797	800	803	rBV	76560	65237	1.12%	0.141%
18	7.028	838	840	845	rVB2	67422	77581	1.33%	0.168%
19	7.157	859	862	866	rVB	107813	96229	1.65%	0.208%
20	7.292	879	885	888	rBV	3623299	3554429	60.92%	7.680%
21	7.463	911	914	916	rBV	125010	94773	1.62%	0.205%
22	7.639	940	944	946	rBV	117192	93916	1.61%	0.203%
23	7.704	952	955	957	rBV	81275	63644	1.09%	0.138%
24	7.739	957	961	968	rVB4	57404	109188	1.87%	0.236%
25	7.980	998	1002	1004	rBV	1116241	1005319	17.23%	2.172%
26	8.010	1004	1007	1012	rVB	1890328	1531587	26.25%	3.309%
27	8.357	1063	1066	1068	rBV	95530	88702	1.52%	0.192%
28	8.504	1088	1091	1096	rVB	95740	81362	1.39%	0.176%
29	8.545	1096	1098	1101	rBV	110407	111397	1.91%	0.241%
30	9.086	1184	1190	1193	rBV	6120215	5834986	100.00%	12.608%
31	9.204	1206	1210	1220	rVB6	42305	94511	1.62%	0.204%
32	9.757	1301	1304	1308	rBV	2001432	1645018	28.19%	3.555%
33	10.051	1351	1354	1357	rBV	83297	73951	1.27%	0.160%
34	10.180	1372	1376	1378	rBV3	48814	58592	1.00%	0.127%
35	10.263	1386	1390	1394	rVB4	72946	88463	1.52%	0.191%
36	10.404	1410	1414	1417	rBV2	59435	68279	1.17%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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	10.474	1422	1426	1429	rBV	453595	374502	6.42%	0.809%
38	10.551	1434	1439	1442	rBV	3233388	3103222	53.18%	6.705%
39	11.004	1513	1516	1519	rBV	666646	496684	8.51%	1.073%
40	11.110	1531	1534	1537	rBV2	104466	104929	1.80%	0.227%
41	11.204	1546	1550	1552	rBV3	48984	61351	1.05%	0.133%
42	11.239	1552	1556	1560	rVV	2022882	1664561	28.53%	3.597%
43	11.786	1644	1649	1661	rBV2	1662778	1972629	33.81%	4.262%
44	12.351	1741	1745	1750	rVB3	61394	73215	1.25%	0.158%
45	12.563	1778	1781	1793	rBV	713628	925305	15.86%	1.999%
46	12.751	1810	1813	1818	rVB	84128	82232	1.41%	0.178%
47	12.827	1822	1826	1829	rBV	4821454	4808866	82.41%	10.391%
48	13.210	1888	1891	1894	rVB	179256	144614	2.48%	0.312%
49	13.733	1976	1980	1989	rBV2	369491	559751	9.59%	1.210%
50	13.874	2000	2004	2008	rVB	1256598	1102818	18.90%	2.383%
51	13.951	2014	2017	2018	rBV	160251	140532	2.41%	0.304%
52	13.974	2018	2021	2029	rVB	991263	953005	16.33%	2.059%
53	14.362	2083	2087	2093	rVB3	57332	104867	1.80%	0.227%
54	14.857	2167	2171	2175	rBV	296047	335156	5.74%	0.724%
55	14.968	2187	2190	2194	rBV2	63383	77070	1.32%	0.167%
56	15.045	2199	2203	2212	rVB2	94076	158808	2.72%	0.343%
57	15.292	2240	2245	2249	rBV	779731	927759	15.90%	2.005%
58	15.639	2300	2304	2310	rVB	195003	268091	4.59%	0.579%
59	15.874	2341	2344	2354	rVB2	76137	143044	2.45%	0.309%

Sum of corrected areas: 46279149

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
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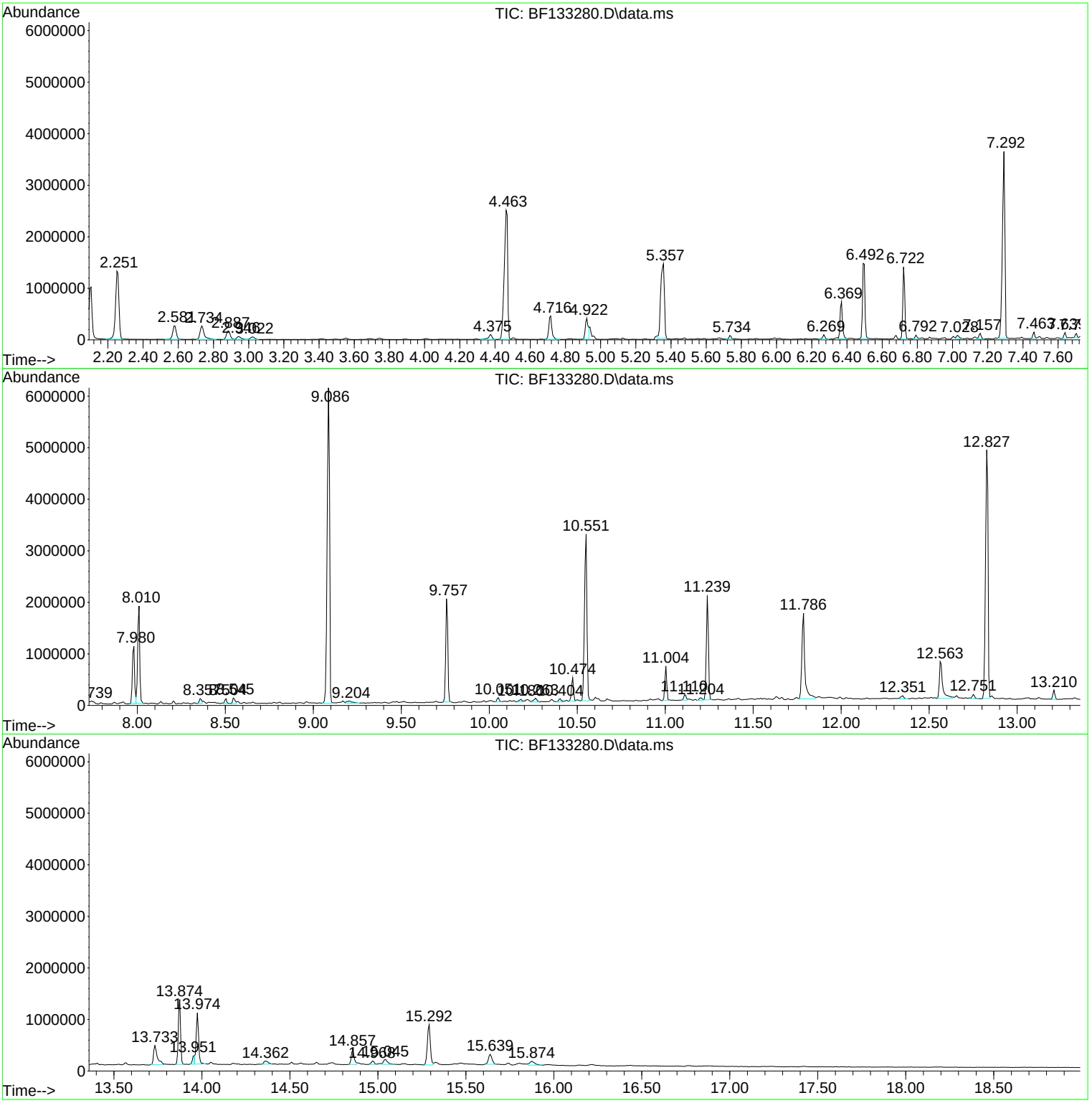
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
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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

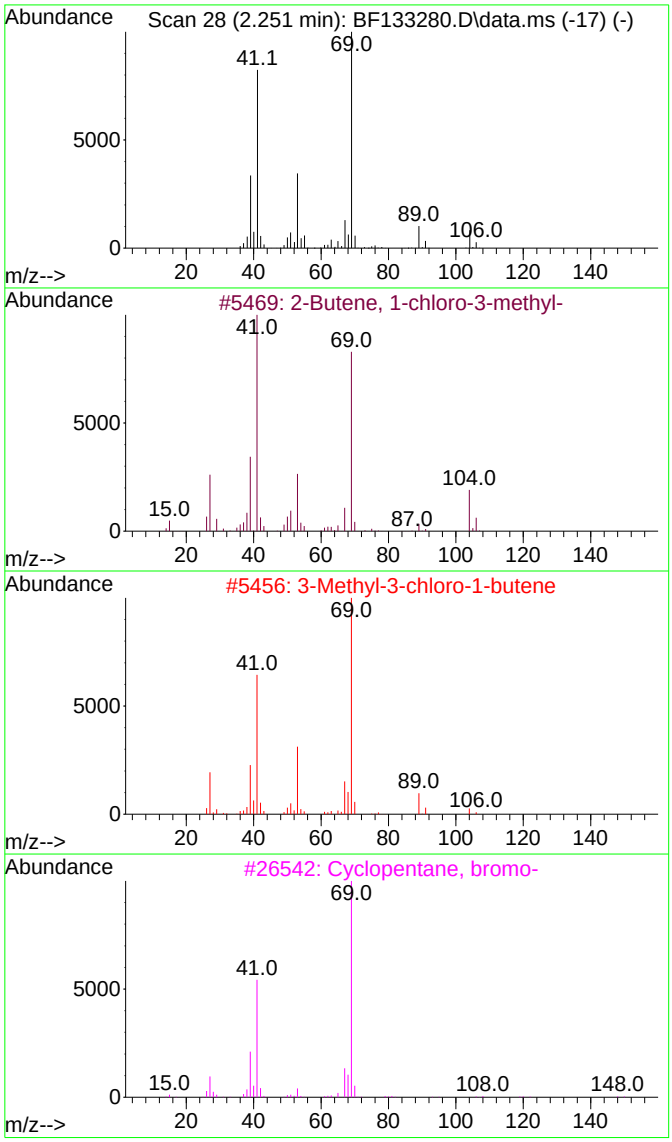
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

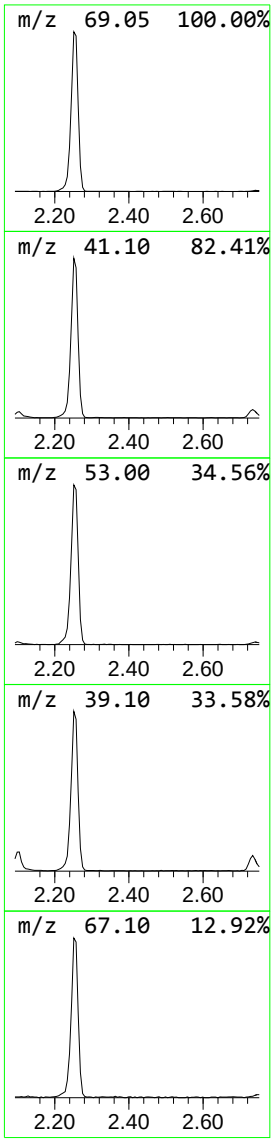
****

Peak Number 1 2-Butene, 1-chloro-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.251	31.85 ng	1764550	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	86
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	50
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	42
4	Methacrylic anhydride	154	C8H10O3	000760-93-0	40
5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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

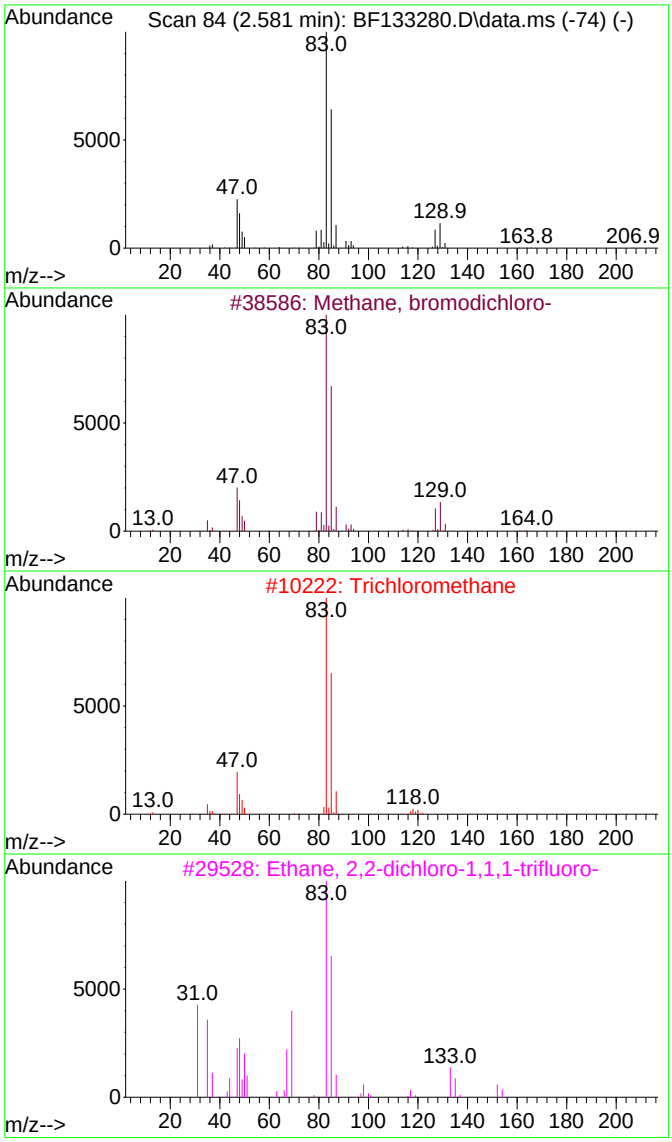
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

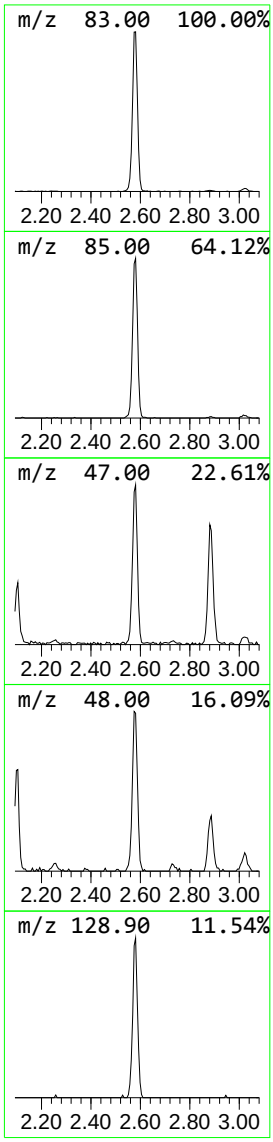
****

Peak Number 2 Methane, bromodichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.581	6.63 ng	367392	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	96
2	Trichloromethane	118	CHCl3	000067-66-3	78
3	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	64
4	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	56
5	Acetyl chloride, dichloro-	146	C2HCl3O	000079-36-7	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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

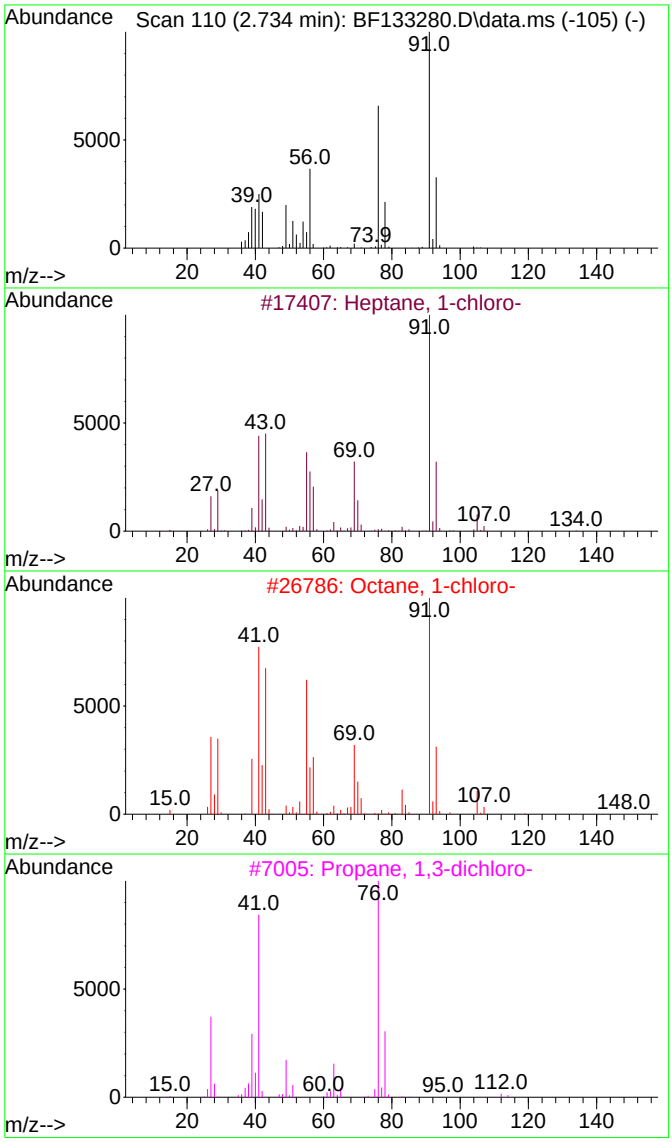
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

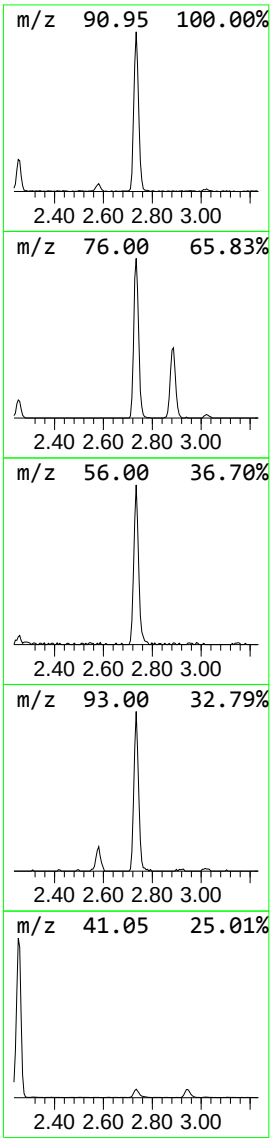
****

Peak Number 3 unknown2.734 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.734	7.63 ng	422391	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1-chloro-	134	C7H15Cl	000629-06-1	10
2	Octane, 1-chloro-	148	C8H17Cl	000111-85-3	9
3	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	9
4	5-Methylidenetricyclo[4.1.0.0(2,...	106	C8H10	1000436-95-4	9
5	Hexane, 1-chloro-	120	C6H13Cl	000544-10-5	8





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

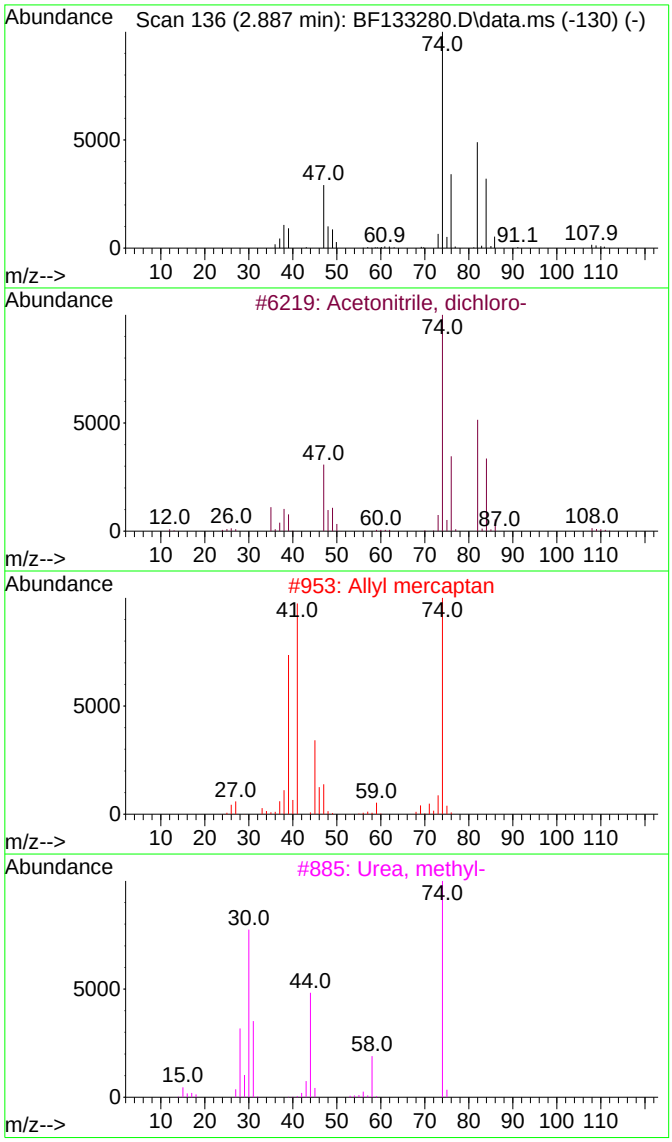
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

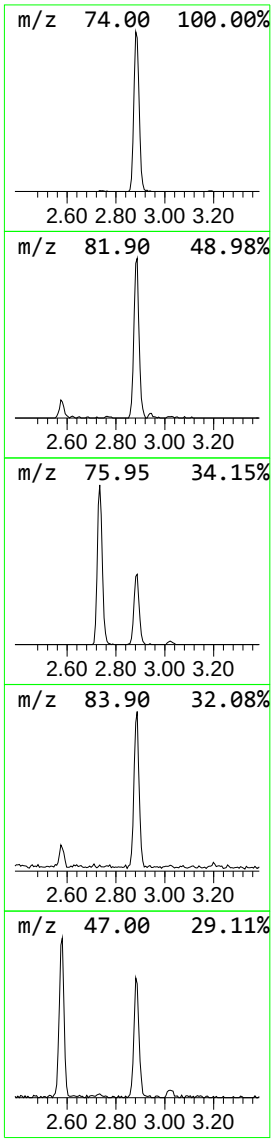
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetonitrile, dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.887	4.45 ng	246636	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	96
2	Allyl mercaptan	74	C3H6S	000870-23-5	23
3	Urea, methyl-	74	C2H6N2O	000598-50-5	4
4	Ethanol, 2-[(2-aminoethyl)amino]-	104	C4H12N2O	000111-41-1	4
5	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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

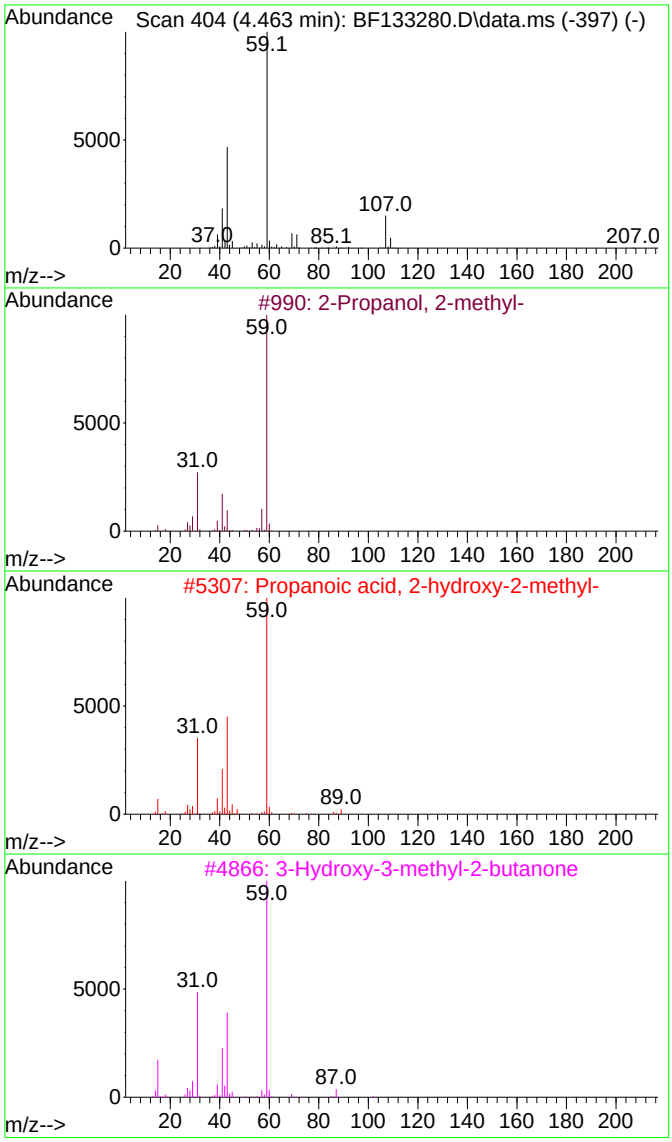
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

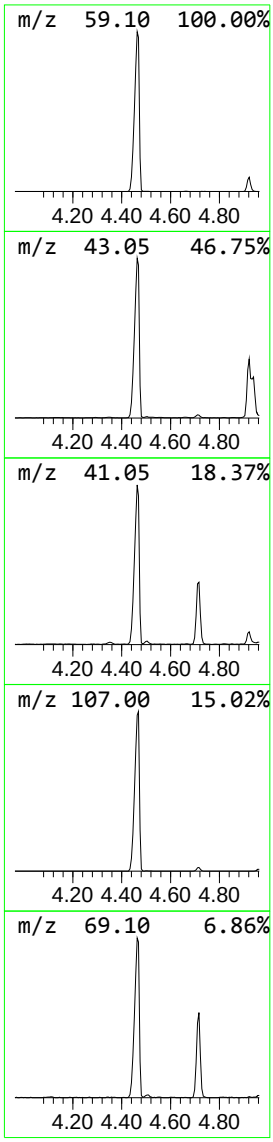
****

Peak Number 5 2-Propanol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.463	61.20 ng	3390050	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	36





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

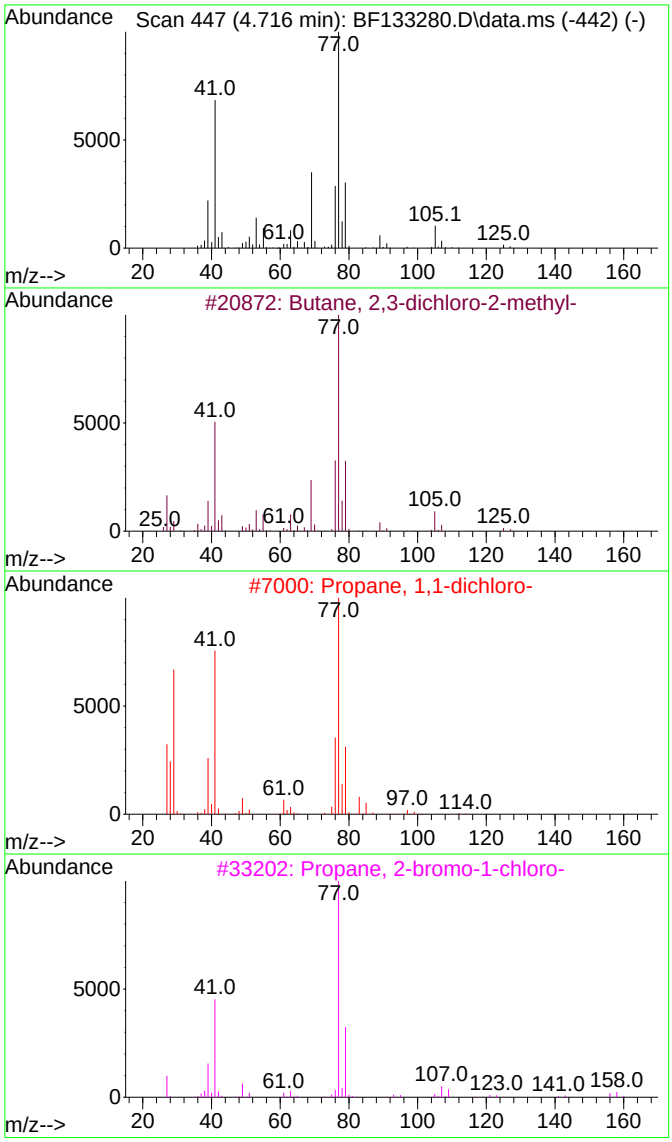
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

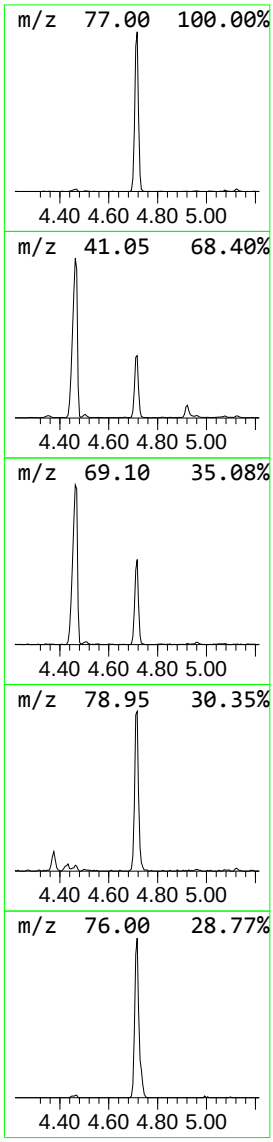
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butane, 2,3-dichloro-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.716	9.81 ng	543666	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	90
2	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	45
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	33
4	Allyl chloride	76	C3H5Cl	000107-05-1	11
5	2-Chlorobutan-1-ol	108	C4H9ClO	108269-46-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

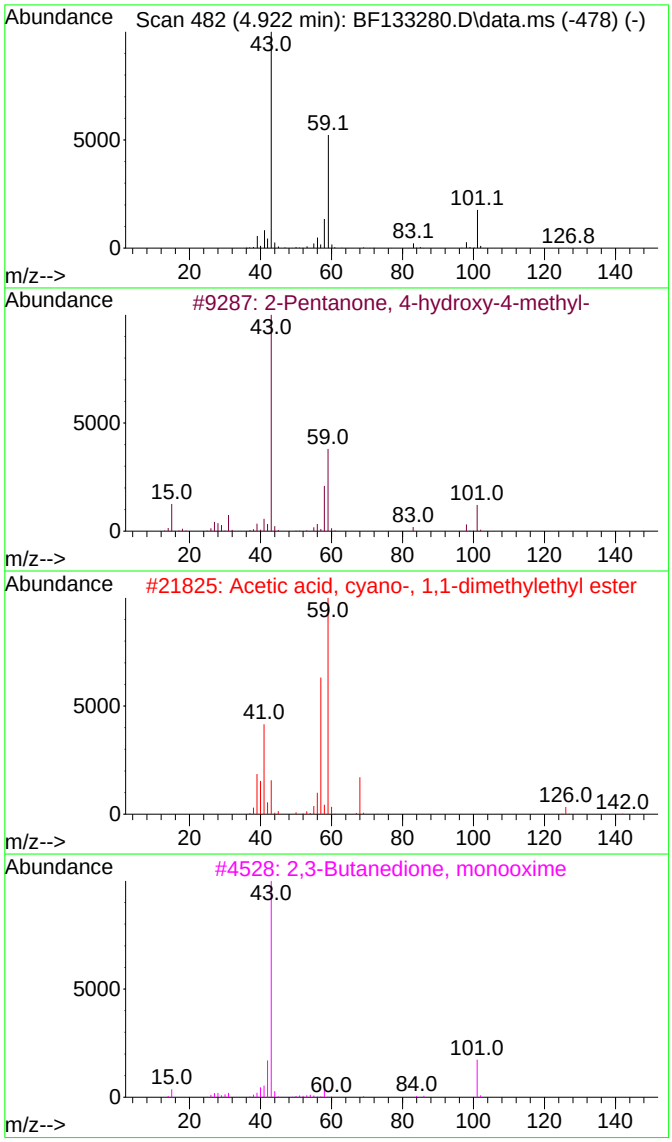
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

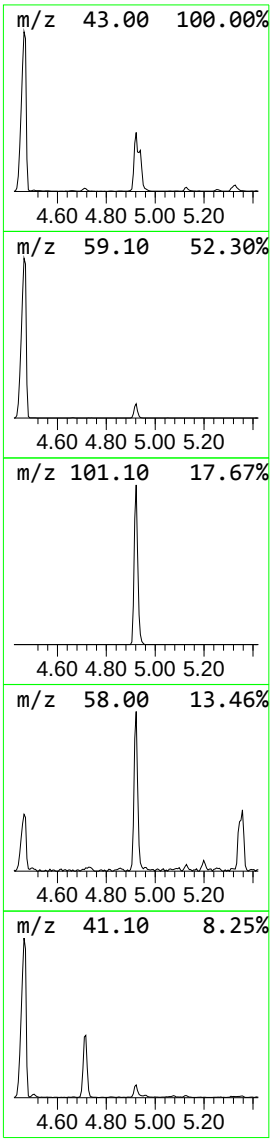
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.922	8.59 ng	476087	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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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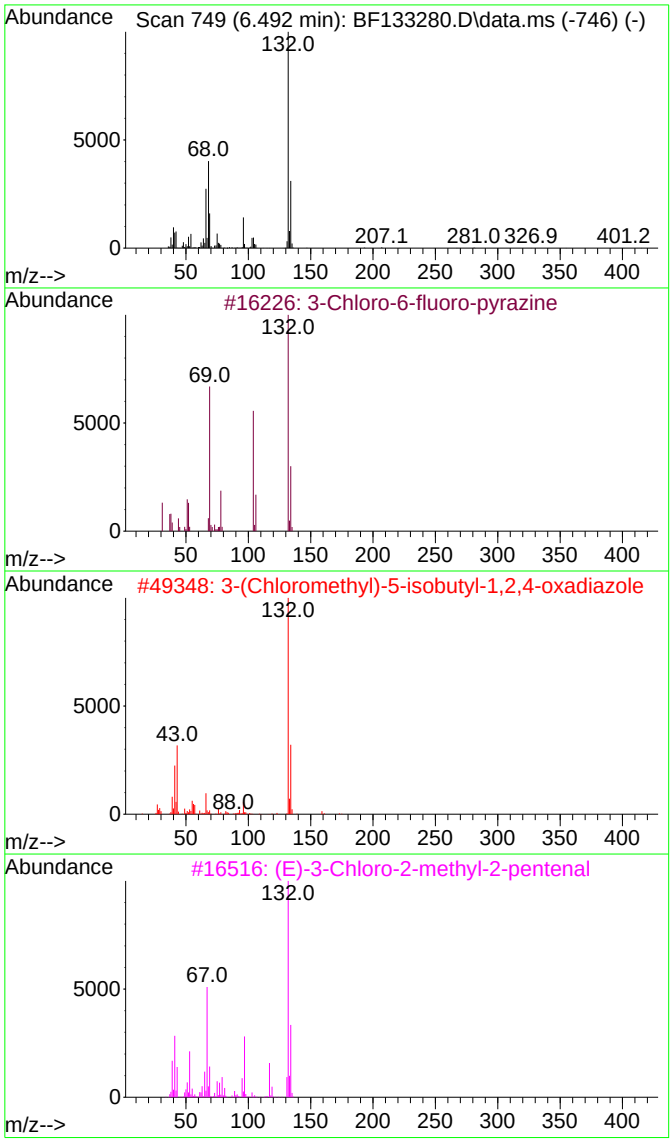
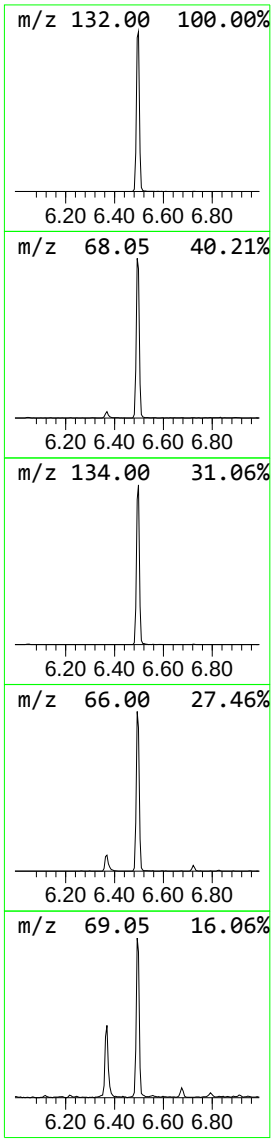
Peak Number 8 unknown6.492 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.492	24.05 ng	1332440	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	3-(Chloromethyl)-5-isobutyl-1,2,...	174	C7H11ClN2O	189130-85-6	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	10
5	1H-Indol-3-amine	132	C8H8N2	007250-19-3	10





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Operator : CG\JU
Sample : 02618-01
Misc :
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BNA_F
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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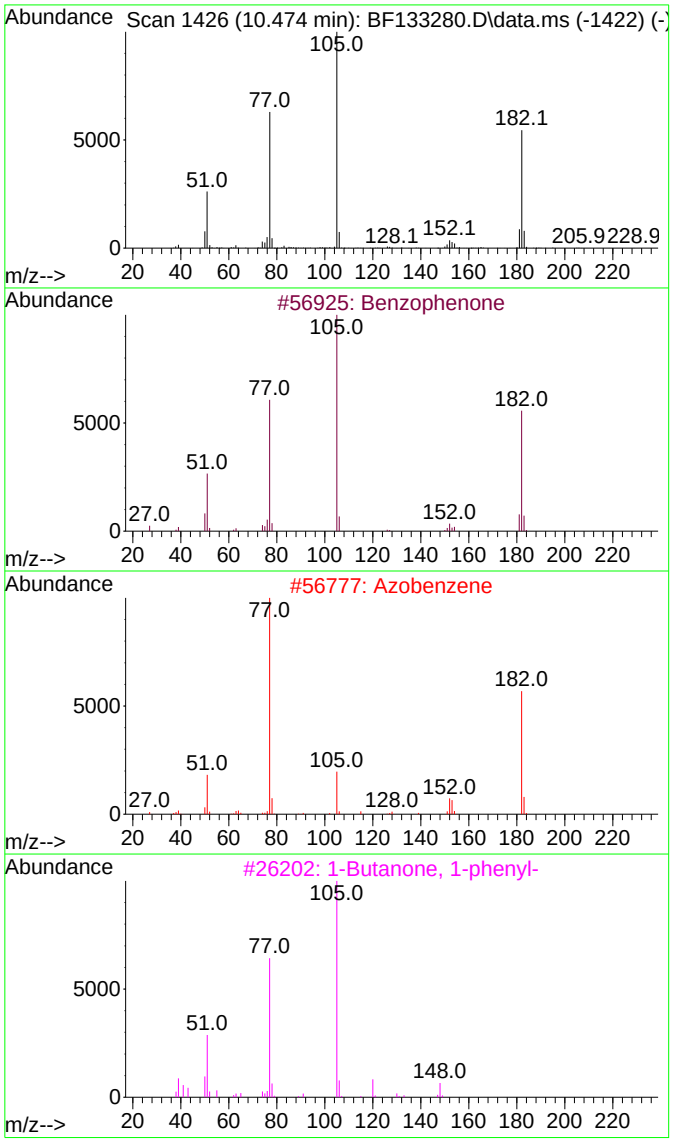
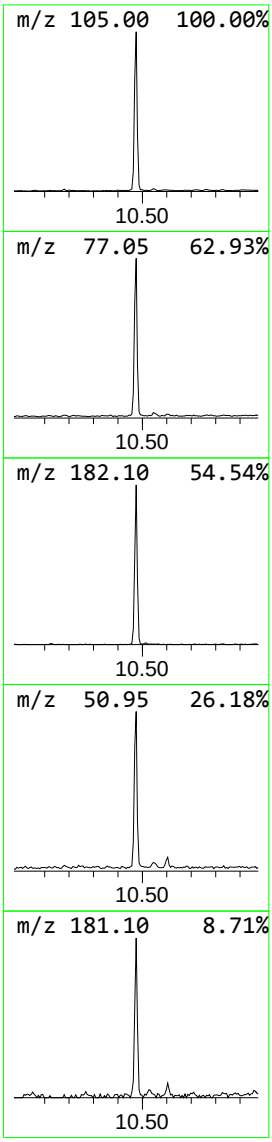
Peak Number 9 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.474	4.55 ng	374502	Acenaphthene-d10	9.757

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	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





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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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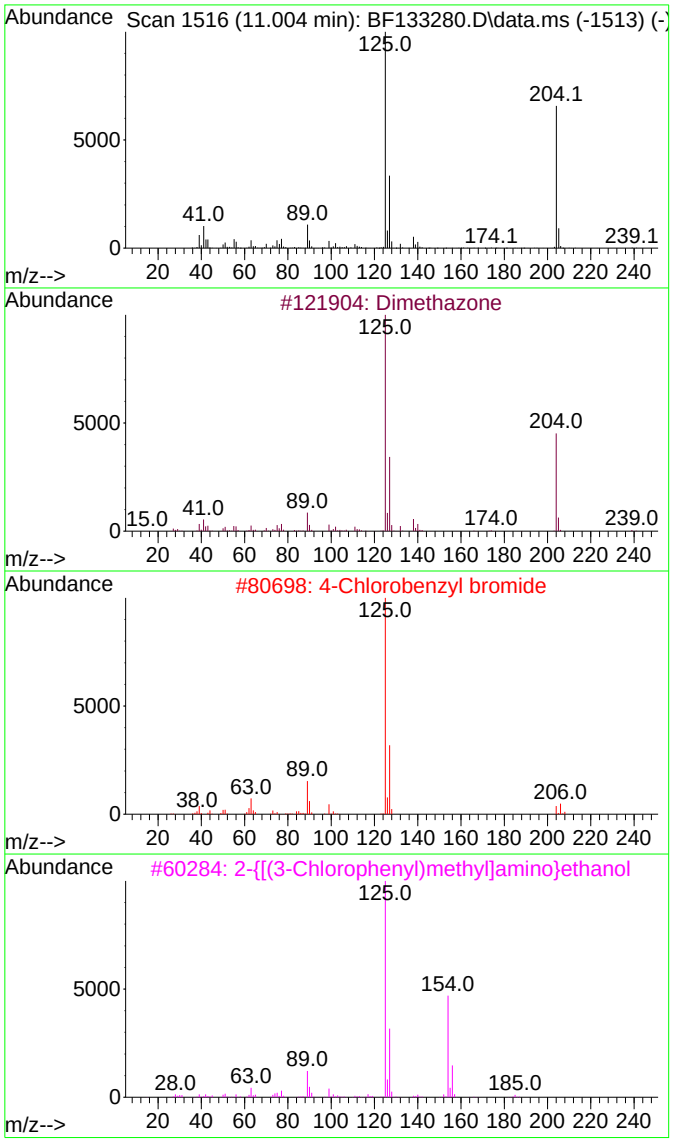
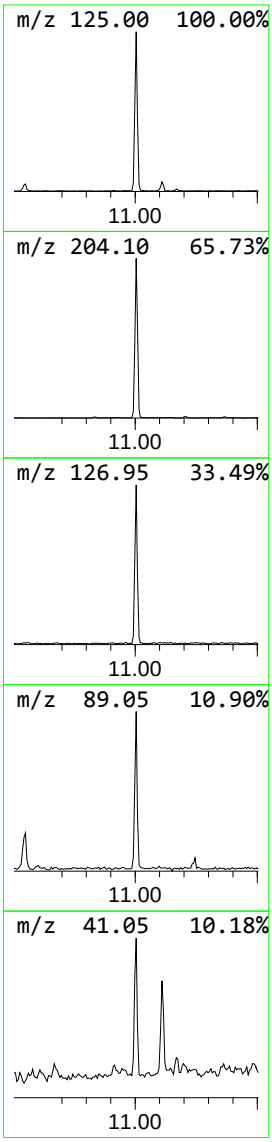
Peak Number 10 Dimethazone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	5.97 ng	496684	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethazone	239	C12H14ClNO2	081777-89-1	83
2	4-Chlorobenzyl bromide	204	C7H6BrCl	000622-95-7	64
3	2-{[(3-Chlorophenyl)methyl]amino...	185	C9H12ClNO	064834-59-9	50
4	4-Chlorobenzyl mercaptan, S-trim...	230	C10H15ClSSi	1710594-69-6	50
5	N-{3,5-Dichloro-4-[(4-chlorobenz...	383	C19H20Cl3NO	1010482-45-0	50





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TIC Library : C:\Database\NIST20.L
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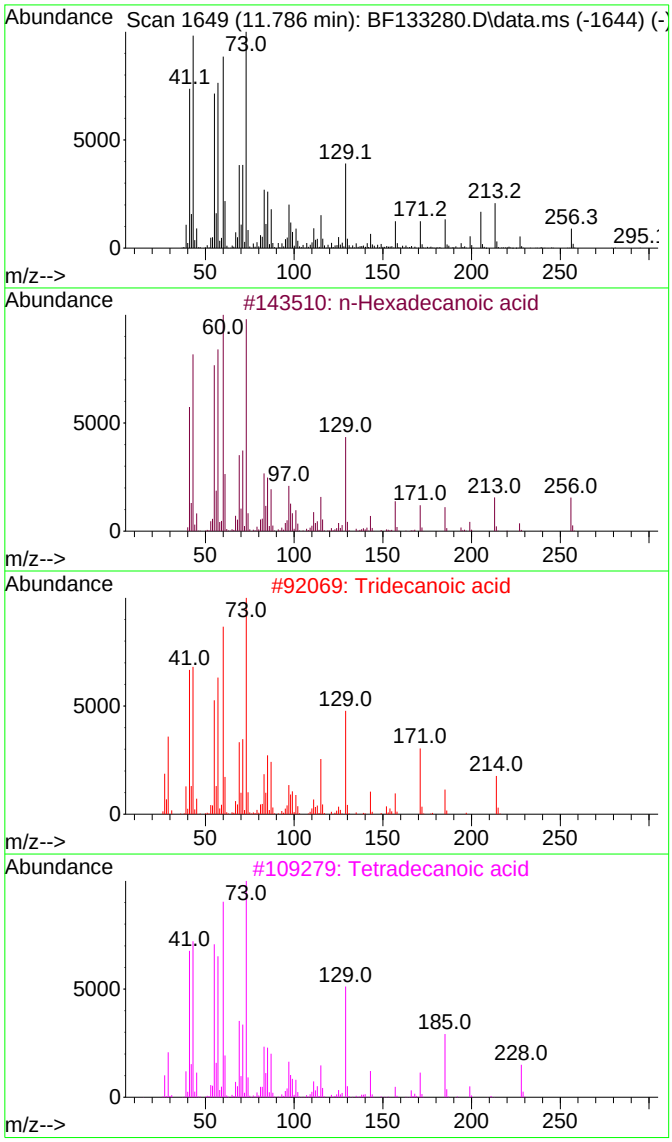
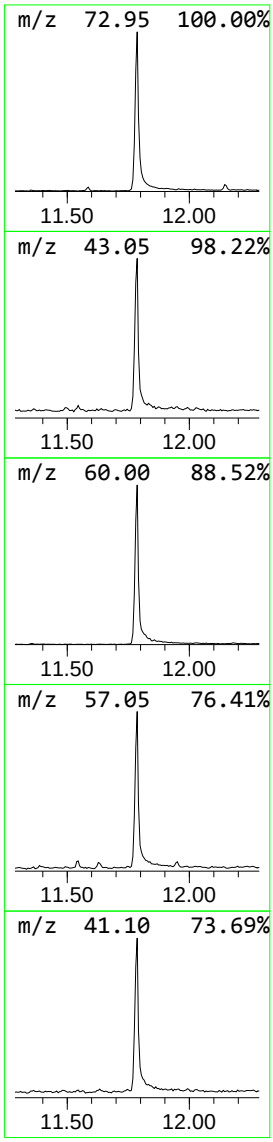
Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	23.70 ng	1972630	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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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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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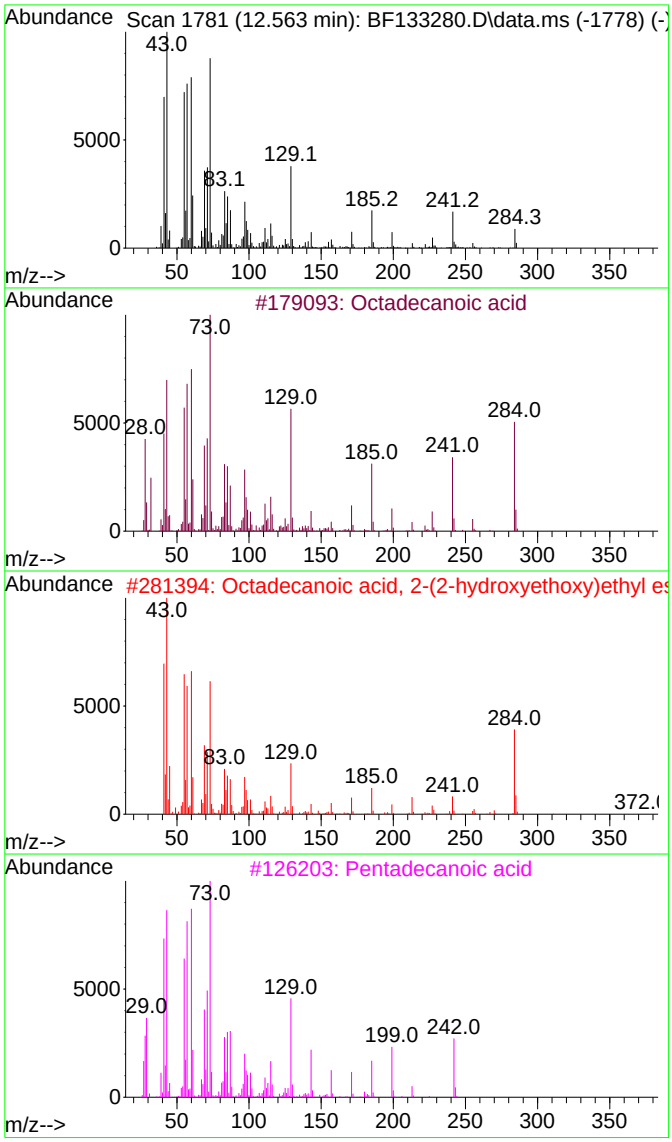
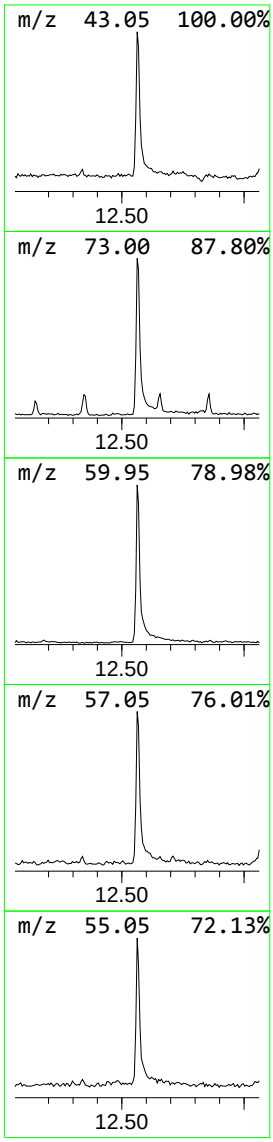
Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	16.78 ng	925305	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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

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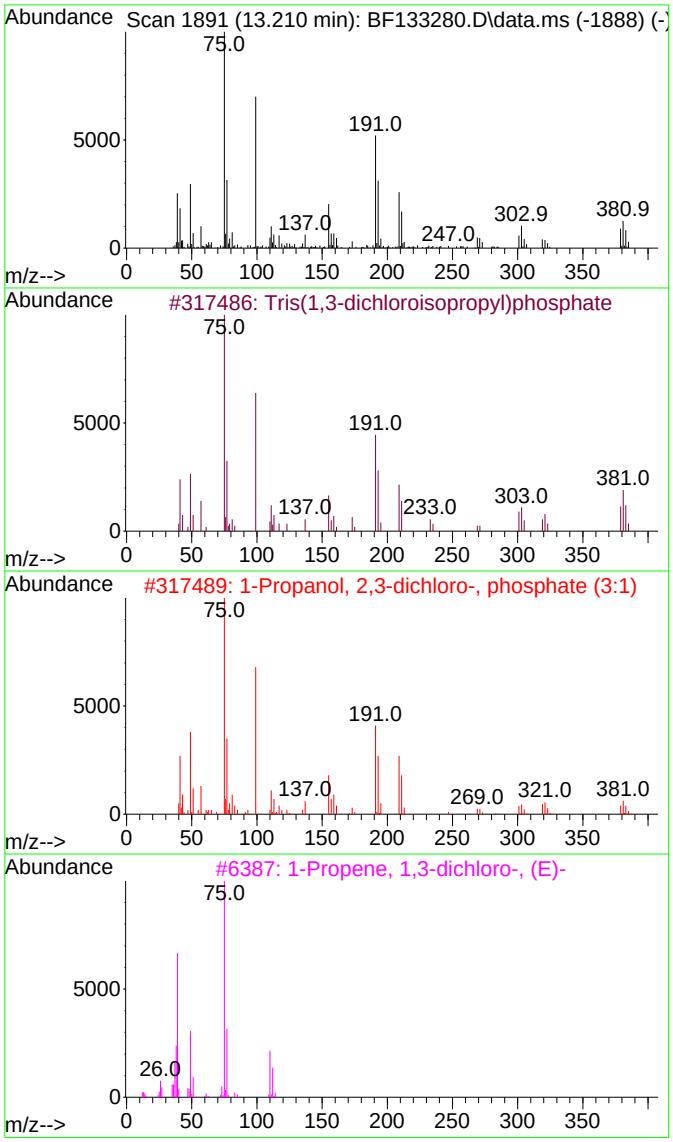
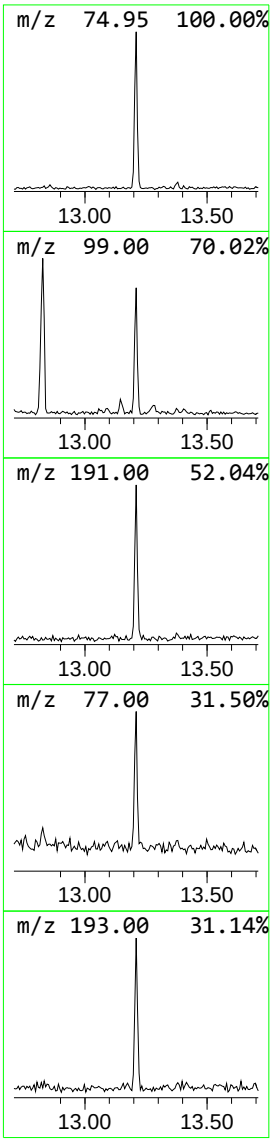
Peak Number 13 Tris(1,3-dichloroisopropyl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.62 ng	144614	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	90
2	1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	90
3	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	25
4	Methane, tribromofluoro-	268	CBr3F	000353-54-8	12
5	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	11





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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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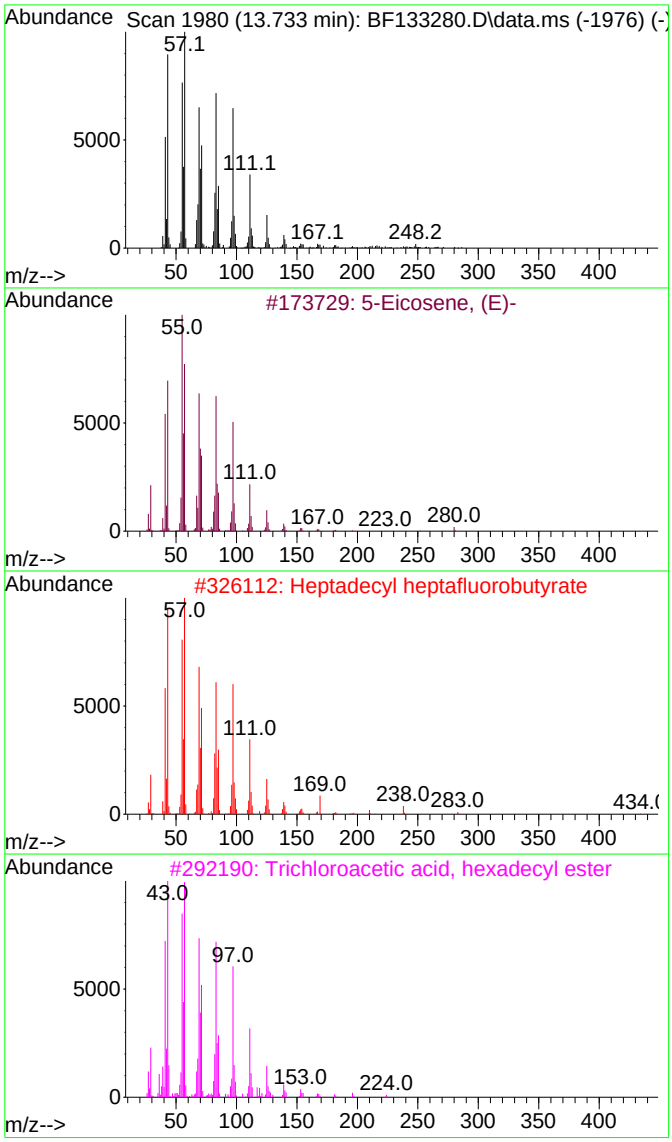
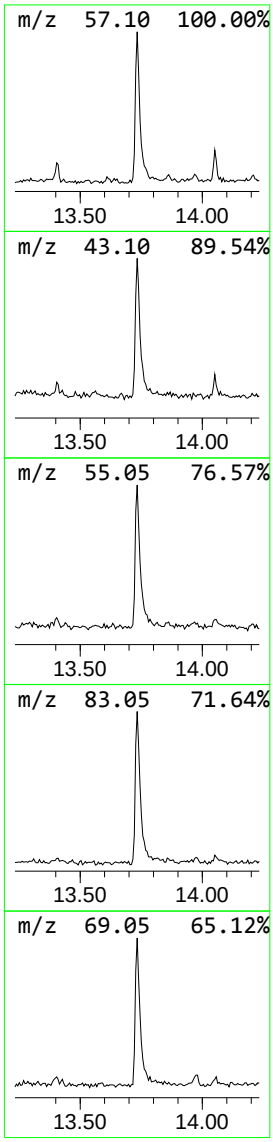
Peak Number 14 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	10.15 ng	559751	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





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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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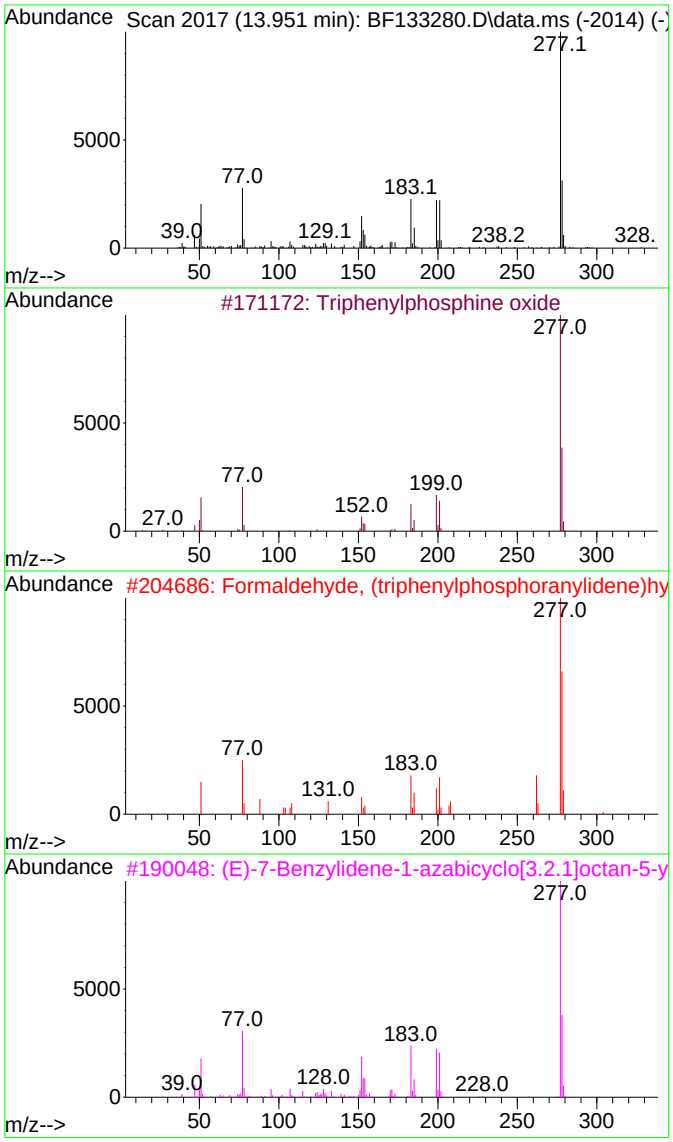
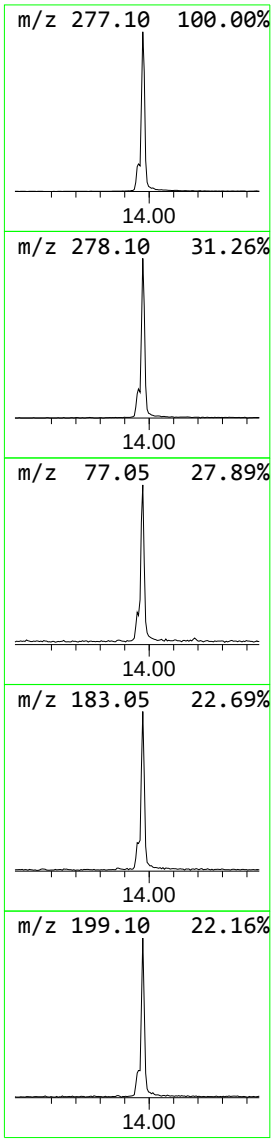
Peak Number 15 Triphenylphosphine oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	2.55 ng	140532	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	49
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	47
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	23





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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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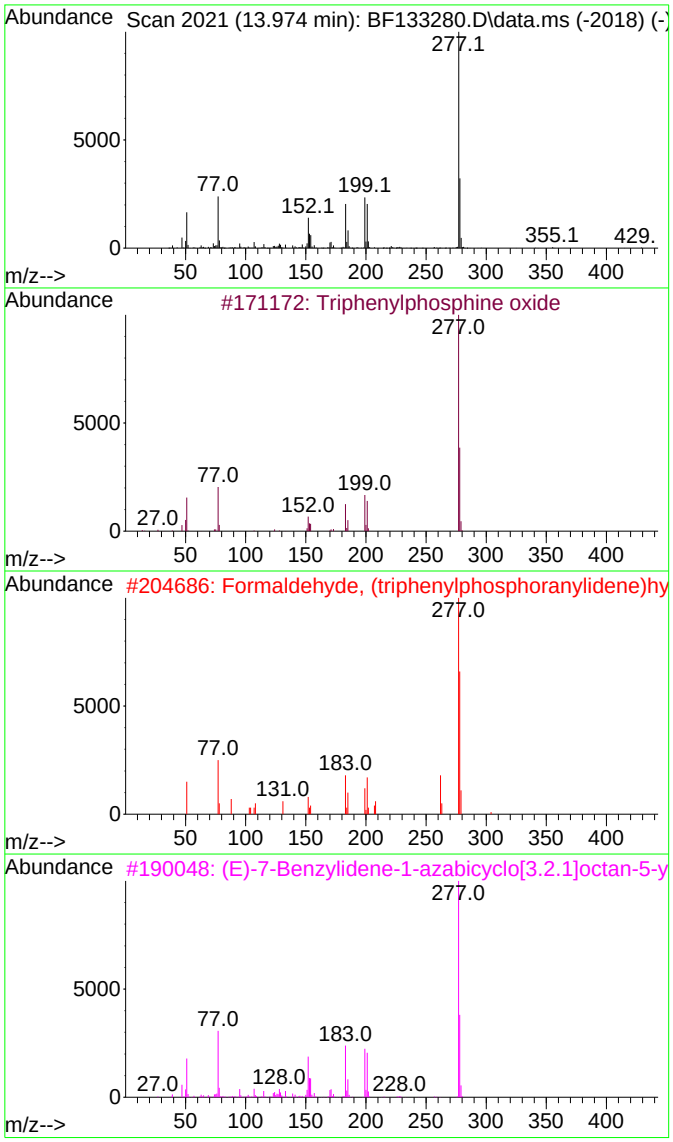
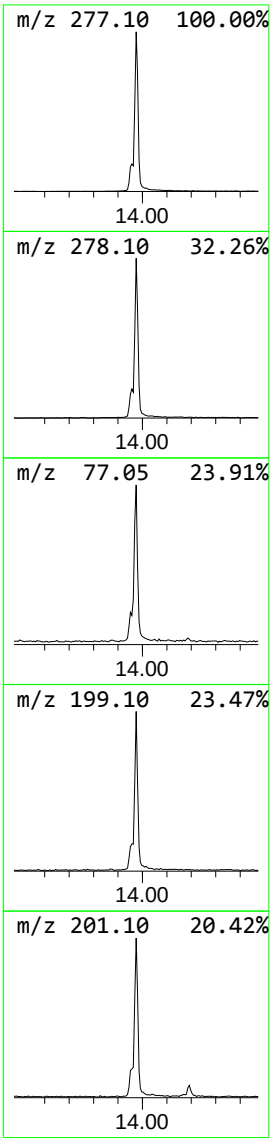
Peak Number 16 Formaldehyde, (triphenylpho... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	17.28 ng	953005	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25





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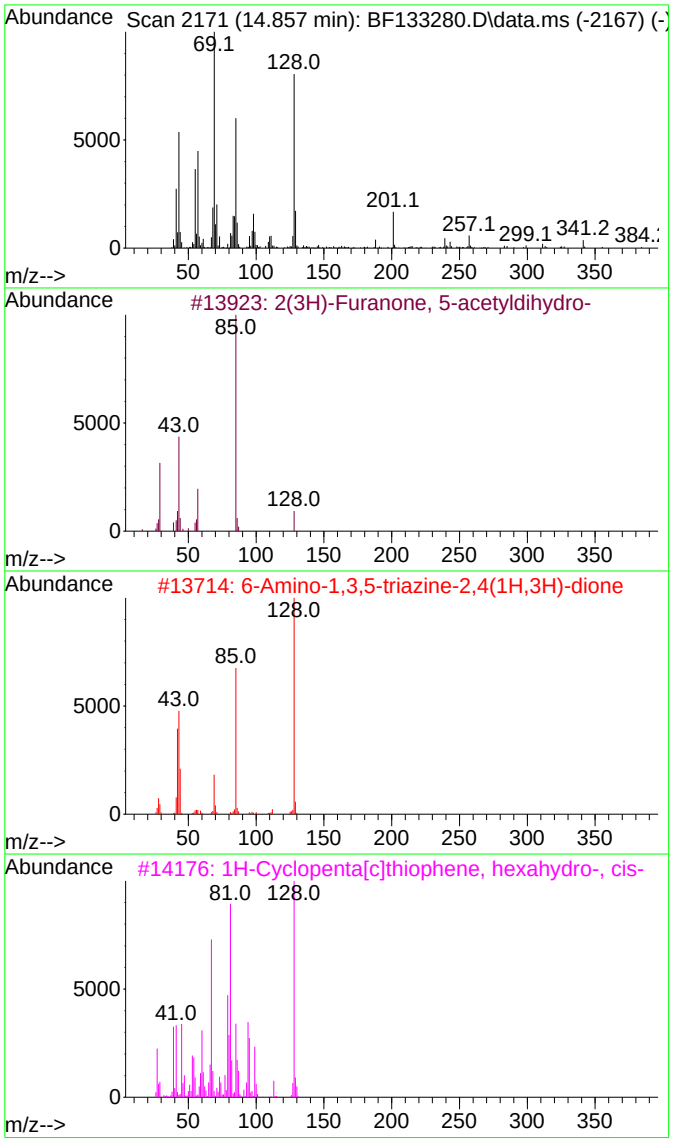
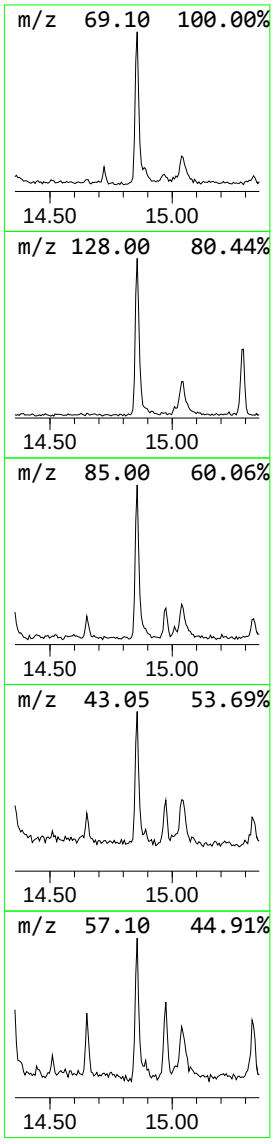
Peak Number 17 unknown14.857 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	7.23 ng	335156	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	35
2	6-Amino-1,3,5-triazine-2,4(1H,3H...	128	C3H4N4O2	000645-93-2	32
3	1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	27
4	Furaneol	128	C6H8O3	003658-77-3	27
5	5-Allyldihydro-1,3,5-dioxazine	129	C6H11NO2	016574-19-9	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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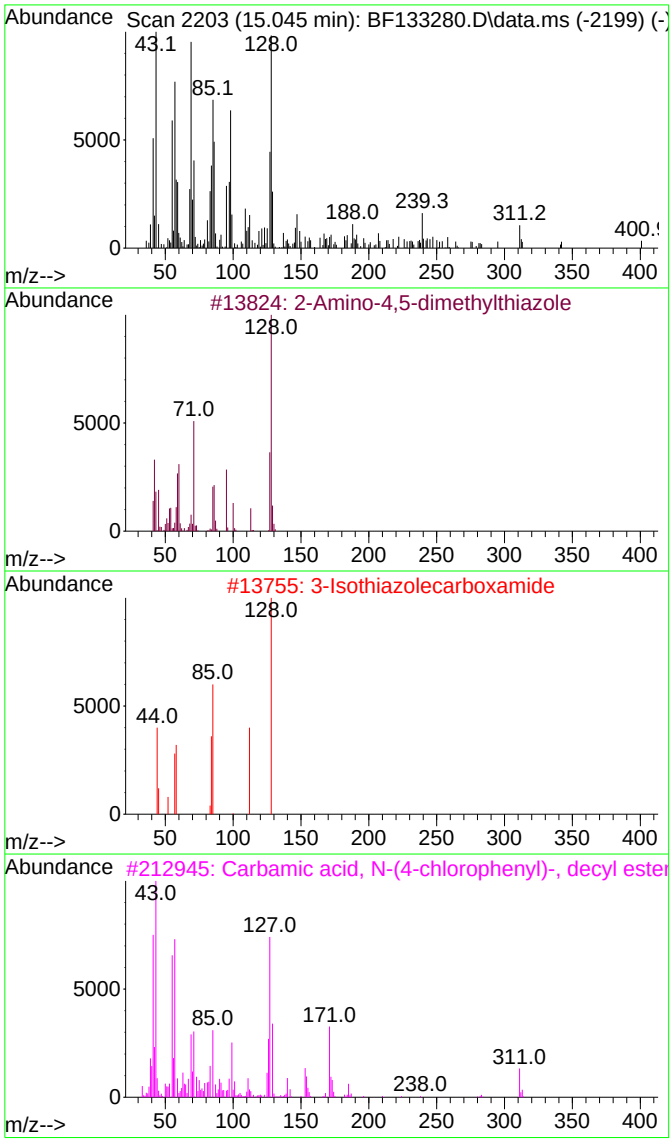
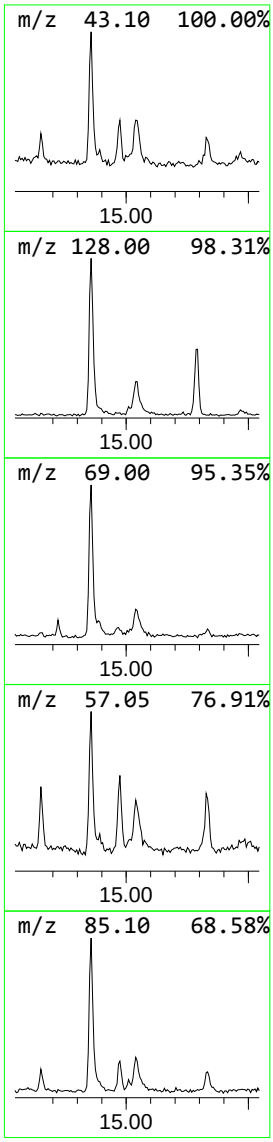
Peak Number 18 unknown15.045 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	3.42 ng	158808	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4,5-dimethylthiazole	128	C5H8N2S	002289-75-0	27
2	3-Isothiazolecarboxamide	128	C4H4N2OS	024342-43-6	27
3	Carbamic acid, N-(4-chlorophenyl...	311	C17H26ClNO2	340968-62-9	25
4	N-(4-(2-Benzylphenoxy)butyl)-N-m...	311	C20H25NO2	1000385-74-2	25
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	18





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TIC Library : C:\Database\NIST20.L
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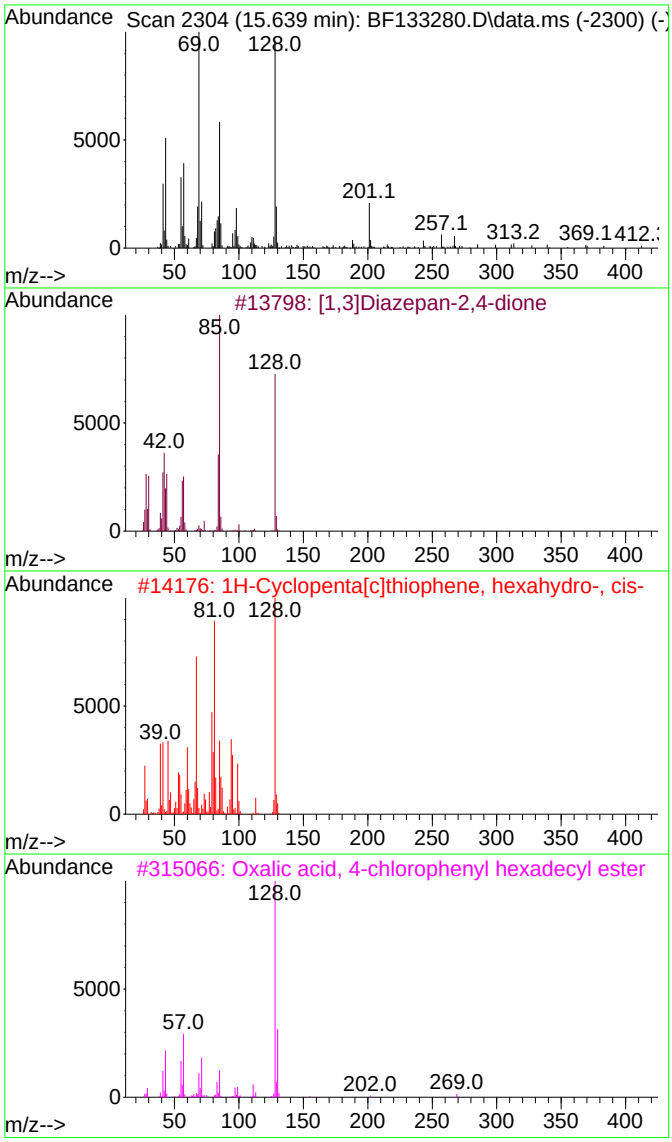
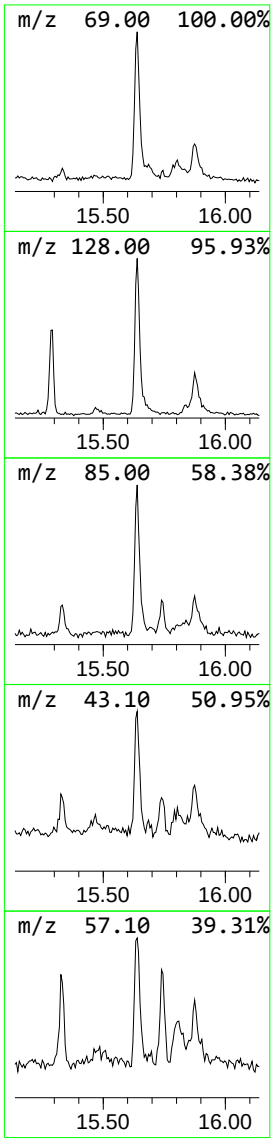
Peak Number 19 unknown15.639 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	5.78 ng	268091	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,3]Diazepan-2,4-dione	128	C5H8N2O2	075548-99-1	38
2	1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	27
3	Oxalic acid, 4-chlorophenyl hexa...	424	C24H37ClO4	1000309-61-7	16
4	Oxalic acid, 4-chlorophenyl hept...	438	C25H39ClO4	1000309-61-8	16
5	Oxalic acid, 4-chlorophenyl tetr...	396	C22H33ClO4	1000309-61-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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

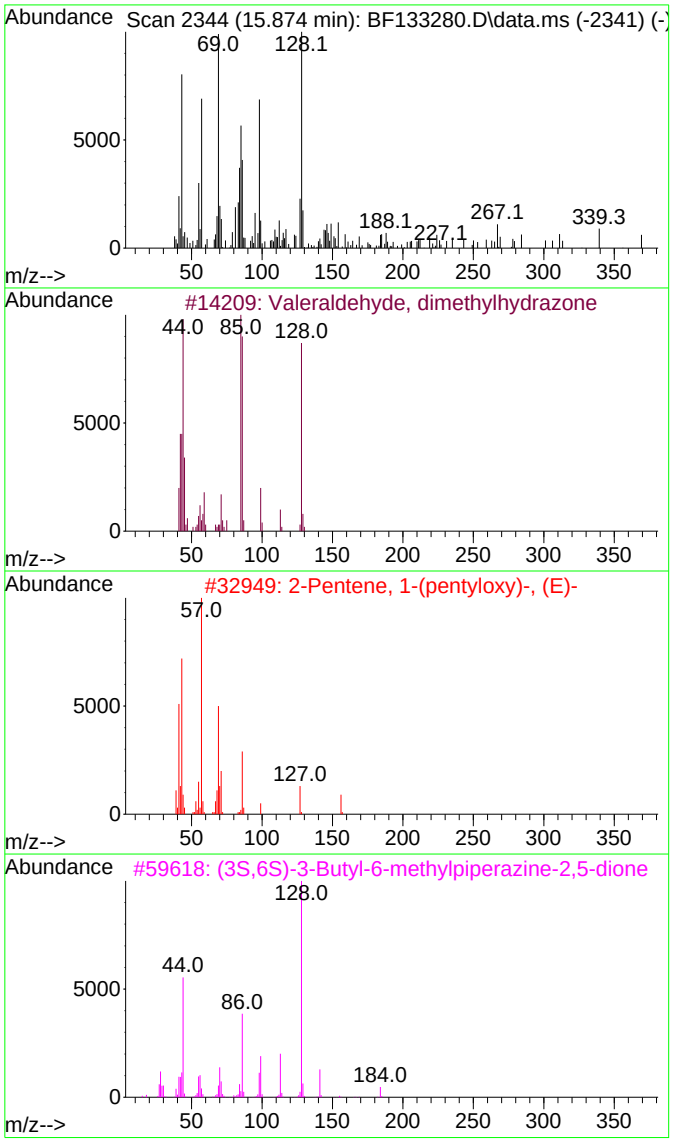
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

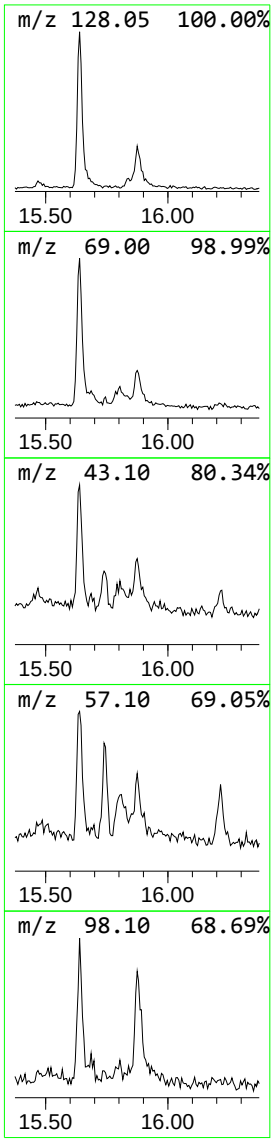
****

Peak Number 20 unknown15.874 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	3.08 ng	143044	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeraldehyde, dimethylhydrazone	128	C7H16N2	014090-57-4	35
2	2-Pentene, 1-(pentyloxy)-, (E)-	156	C10H20O	054340-68-0	27
3	(3S,6S)-3-Butyl-6-methylpiperazi...	184	C9H16N2O2	1000375-95-9	27
4	4-(Piperazin-1-ylsulfonyl)morpho...	277	C10H19N3O4S	825608-00-2	27
5	m-Fluorothiophenol	128	C6H5FS	002557-77-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133280.D
Acq On : 05 May 2023 23:57
Operator : CG\JU
Sample : 02618-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

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
2-Butene, 1-chl...	2.251	31.9	ng	1764550	1	6.722	1107890	20.0
Methane, bromod...	2.581	6.6	ng	367392	1	6.722	1107890	20.0
unknown2.734	2.734	7.6	ng	422391	1	6.722	1107890	20.0
Acetonitrile, d...	2.887	4.5	ng	246636	1	6.722	1107890	20.0
2-Propanol, 2-m...	4.463	61.2	ng	3390050	1	6.722	1107890	20.0
Butane, 2,3-dic...	4.716	9.8	ng	543666	1	6.722	1107890	20.0
2-Pentanone, 4-...	4.922	8.6	ng	476087	1	6.722	1107890	20.0
unknown6.492	6.492	24.1	ng	1332440	1	6.722	1107890	20.0
Benzophenone	10.474	4.5	ng	374502	3	9.757	1645020	20.0
Dimethazone	11.004	6.0	ng	496684	4	11.239	1664560	20.0
n-Hexadecanoic ...	11.786	23.7	ng	1972630	4	11.239	1664560	20.0
Octadecanoic acid	12.563	16.8	ng	925305	5	13.874	1102820	20.0
Tris(1,3-dichlo...	13.210	2.6	ng	144614	5	13.874	1102820	20.0
5-Eicosene, (E)-	13.733	10.2	ng	559751	5	13.874	1102820	20.0
Triphenylphosph...	13.951	2.5	ng	140532	5	13.874	1102820	20.0
Formaldehyde, (...	13.974	17.3	ng	953005	5	13.874	1102820	20.0
unknown14.857	14.857	7.2	ng	335156	6	15.292	927759	20.0
unknown15.045	15.045	3.4	ng	158808	6	15.292	927759	20.0
unknown15.639	15.639	5.8	ng	268091	6	15.292	927759	20.0
unknown15.874	15.874	3.1	ng	143044	6	15.292	927759	20.0