LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	4	8	22	rBV3	13703	34911	1.84%	0.238%
2	2.628	68	74	88	rVB	42589	74891	3.94%	0.510%
3	4.522	391	396	403	rVB2	22843	35992	1.89%	0.245%
4	5.087	489	492	498	rVB	17738	24091	1.27%	0.164%
5	5.181	503	508	518	rVB	34396	51706	2.72%	0.352%
6	5.310	524	530	535	rBV	83143	121489	6.39%	0.827%
7	5.493	556	561	570	rBV	690584	928198	48.82%	6.317%
8	5.934	629	636	641	rBV2	30346	44082	2.32%	0.300%
9	6.045	650	655	659	rBV	77647	98282	5.17%	0.669%
10	6.498	727	732	748	rBV	448337	622552	32.74%	4.237%
11	6.875	791	796	801	rBV	271432	367867	19.35%	2.504%
12	6.928	801	805	813	rVB2	40691	56978	3.00%	0.388%
13	7.051	821	826	831	rVB4	13436	19461	1.02%	0.132%
14	7.369	875	880	883	rBV3	19352	31585	1.66%	0.215%
15	7.434	883	891	901	rVV	841445	1190757	62.63%	8.104%
16	7.522	901	906	909	rBV6	10722	19517	1.03%	0.133%
17	7.592	914	918	924	rBV4	21855	33107	1.74%	0.225%
18	7.681	928	933	939	rVB	83457	132650	6.98%	0.903%
19	7.828	951	958	963	rBV7	16741	42723	2.25%	0.291%
20	7.898	966	970	973	rVV3	18963	27023	1.42%	0.184%
21	7.957	973	980	983	rVV6	22565	46774	2.46%	0.318%
22	7.987	983	985	989	rVB3	15123	19098	1.00%	0.130%
23	8.157	1005	1014	1018	rBV	314393	446446	23.48%	3.038%
24	8.286	1031	1036	1041	rVB7	16505	27643	1.45%	0.188%
25	8.492	1065	1071	1080	rBV10	40774	126131	6.63%	0.858%
26	8.681	1099	1103	1106	rBV4	18188	25340	1.33%	0.172%
27	8.722	1106	1110	1113	rBV	19575	32701	1.72%	0.223%
28	9.010	1155	1159	1163	rBV6	13339	25004	1.32%	0.170%
29	9.233	1191	1197	1202	rBV	1455328	1901365	100.00%	12.940%
30	9.345	1212	1216	1221	rVB3	35989	57553	3.03%	0.392%
31	9.433	1227	1231	1236	rVB	83063	109734	5.77%	0.747%
32	9.716	1275	1279	1284	rBV	70619	89354	4.70%	0.608%
33	9.833	1293	1299	1303	rBV	232777	381273	20.05%	2.595%
34	9.869	1303	1305	1308	rVV2	51380	61838	3.25%	0.421%
35	9.910	1308	1312	1317	rVB	353490	444987	23.40%	3.028%
36	10.122	1344	1348	1352	rVB7	19446	31348	1.65%	0.213%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.292	1373	1377	1380	rBV	66439	83975	4.42%	0.572%
38	10.328	1381	1383	1388	rVB3	25623	34733	1.83%	0.236%
39	10.457	1403	1405	1413	rVB4	34104	47895	2.52%	0.326%
40	10.545	1417	1420	1423	rVB	17829	20661	1.09%	0.141%
41	10.628	1429	1434	1440	rVB	68912	101003	5.31%	0.687%
42	10.704	1442	1447	1456	rBV2	935202	1235447	64.98%	8.408%
43	10.822	1462	1467	1475	rVB	210580	308662	16.23%	2.101%
44	10.998	1492	1497	1502	rBV	72938	118536	6.23%	0.807%
45	11.292	1544	1547	1551	rBV	23705	28586	1.50%	0.195%
46	11.404	1561	1566	1573	rBV	299612	390619	20.54%	2.658%
47	11.563	1589	1593	1598	rVB2	42205	52096	2.74%	0.355%
48	11.686	1611	1614	1619	rBV	25460	42032	2.21%	0.286%
49	11.927	1651	1655	1660	rBV	90437	138160	7.27%	0.940%
50	12.057	1673	1677	1682	rBV	78086	113622	5.98%	0.773%
51	12.886	1812	1818	1828	rBV	1107474	1629402	85.70%	11.089%
52	12.992	1831	1836	1842	rVV	1216667	1567966	82.47%	10.671%
53	13.610	1939	1941	1947	rVB2	34536	45034	2.37%	0.306%
54	14.051	2012	2016	2023	rVB	289580	386034	20.30%	2.627%
55	14.904	2157	2161	2170	rVB2	33050	56588	2.98%	0.385%
56	15.539	2263	2269	2279	rVB	316080	508101	26.72%	3.458%

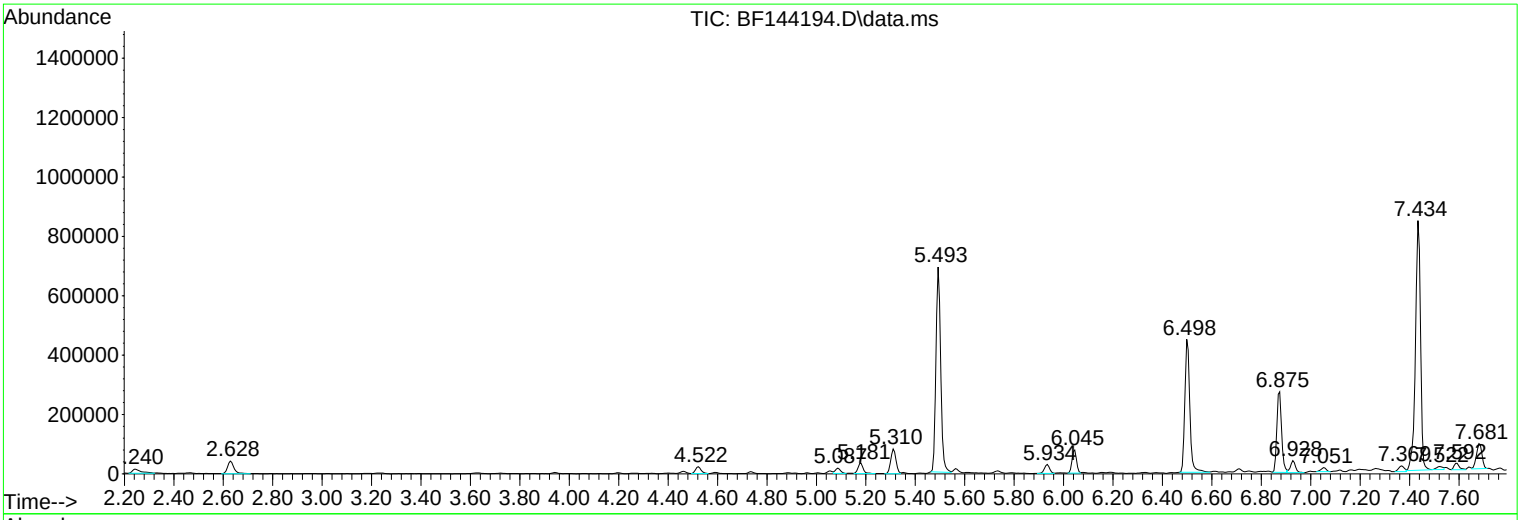
Sum of corrected areas: 14693603

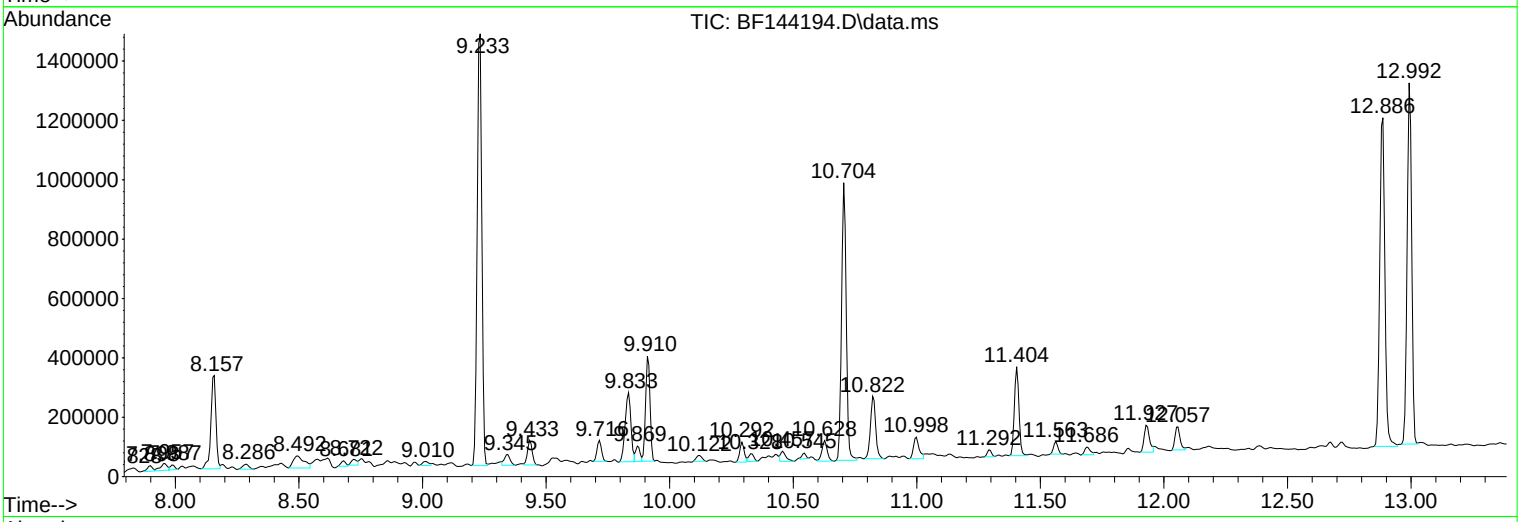
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

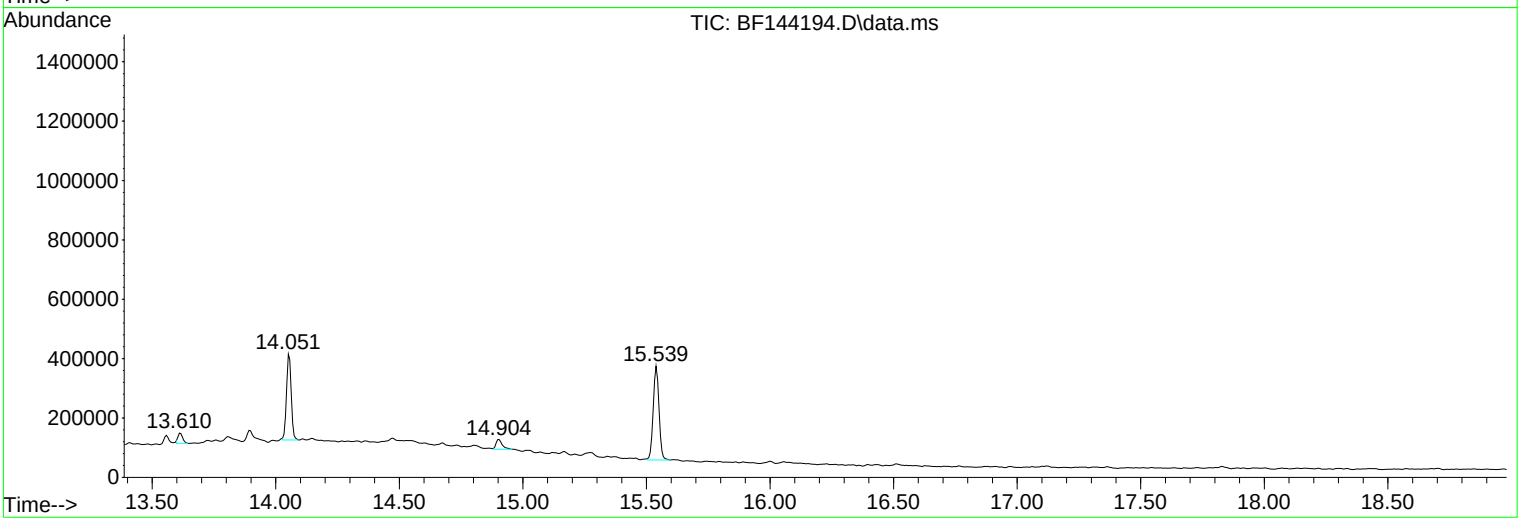
Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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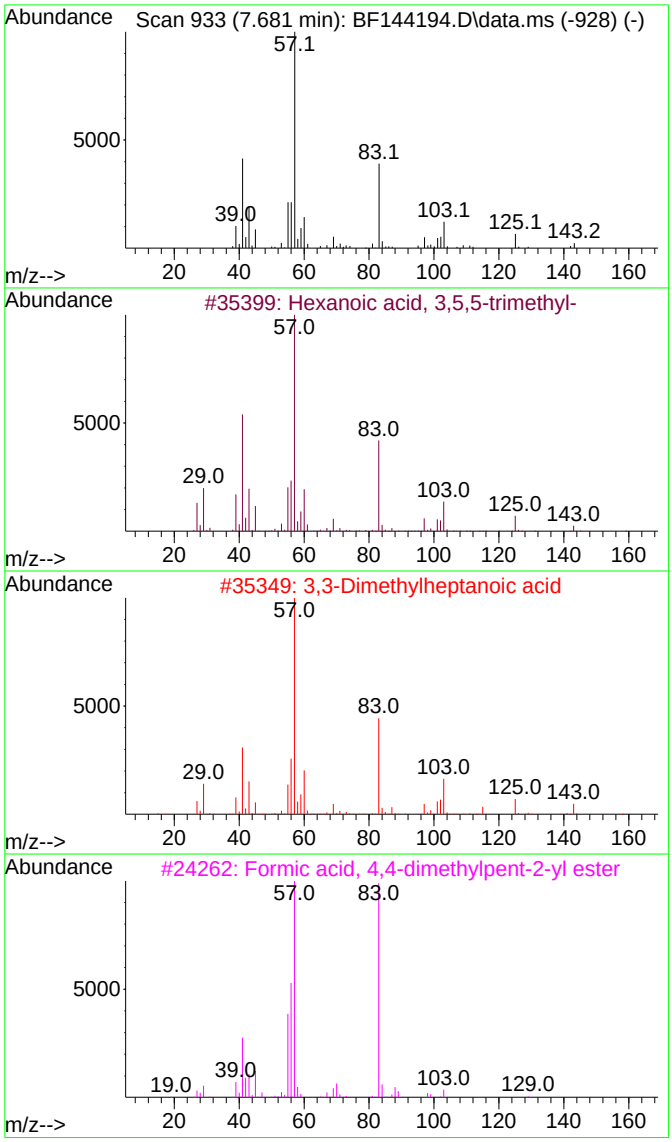
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

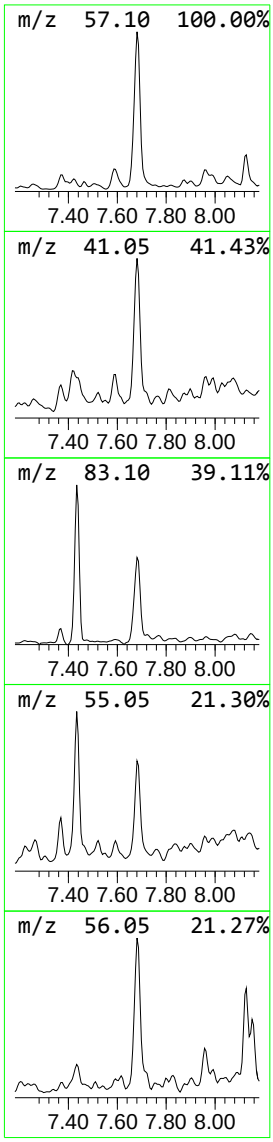
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	5.94 ng	132650	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	43
4	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	42
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

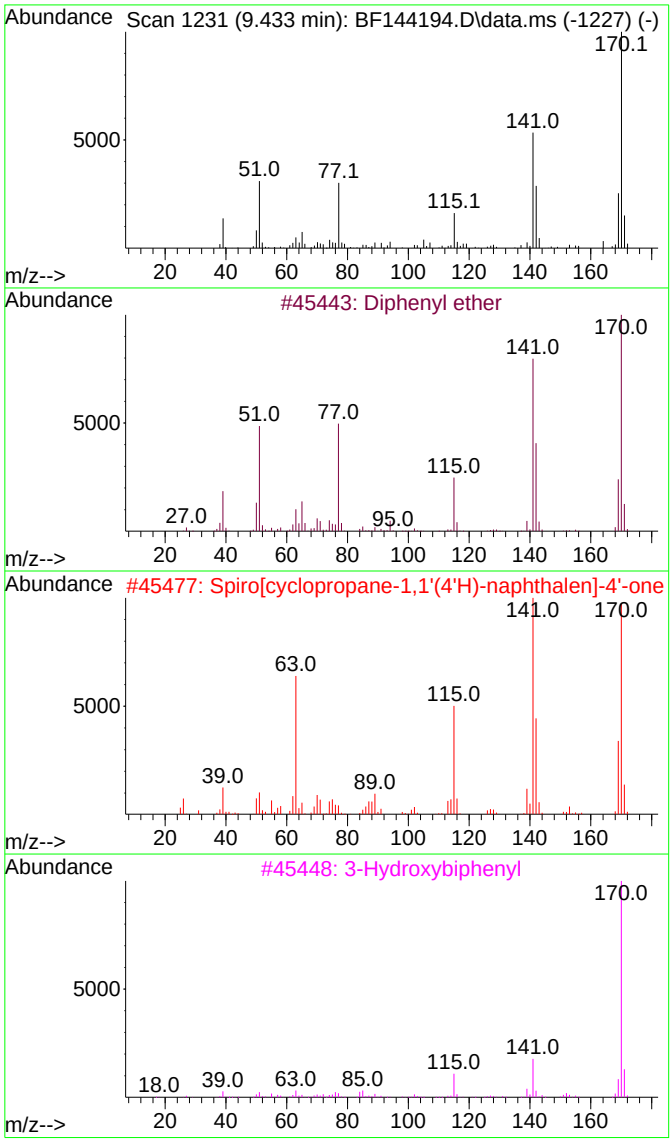
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

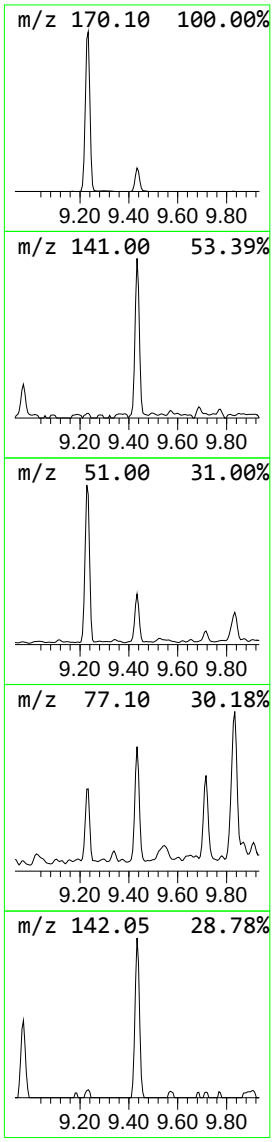
****

Peak Number 9 Diphenyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	4.93 ng	109734	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	96
2	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	81
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	52
4	2-Carbonitrile-8-hydroxyquinolin...	212	C12H8N2O2	313965-55-8	43
5	2-(2-Cyanophenyl)oxazole	170	C10H6N2O	1000281-31-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

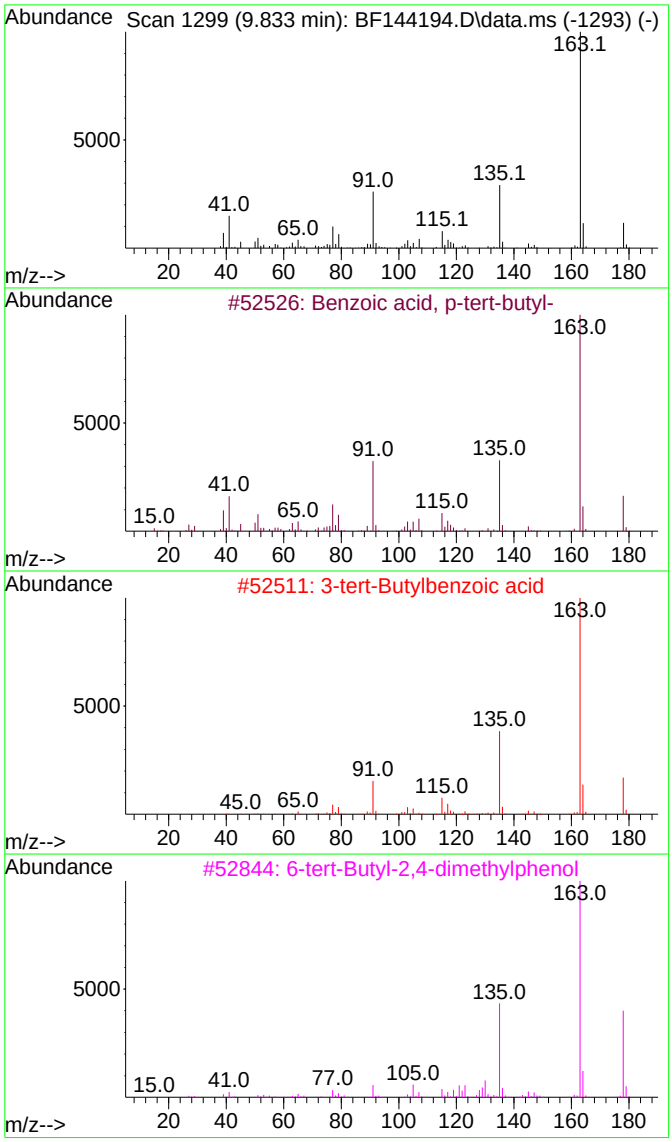
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

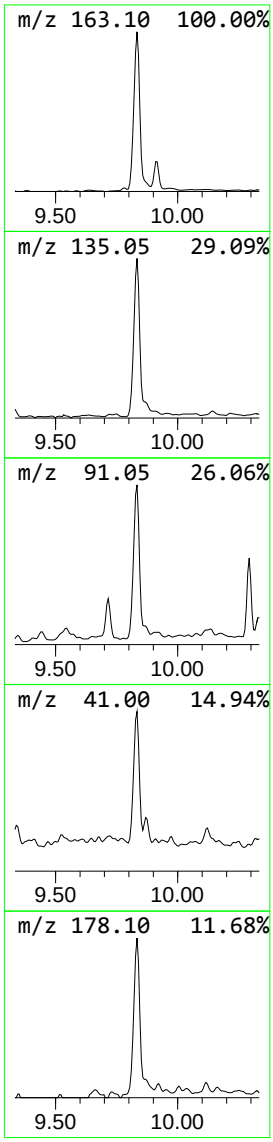
****

Peak Number 11 Benzoic acid, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	17.14 ng	381273	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	59
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

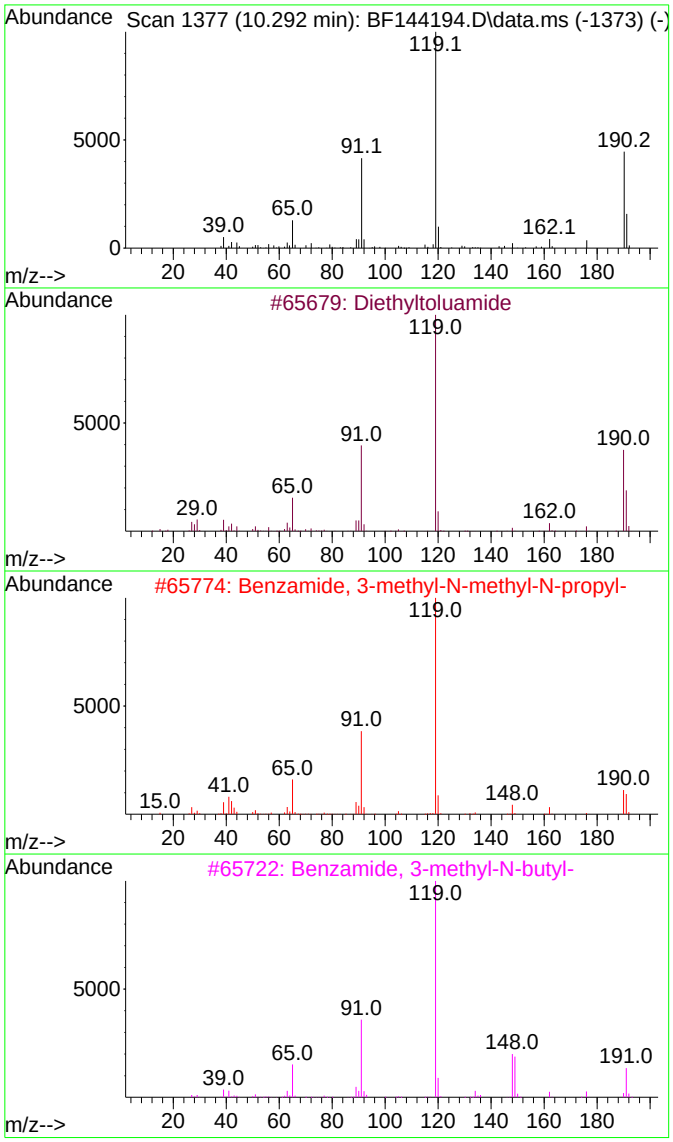
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

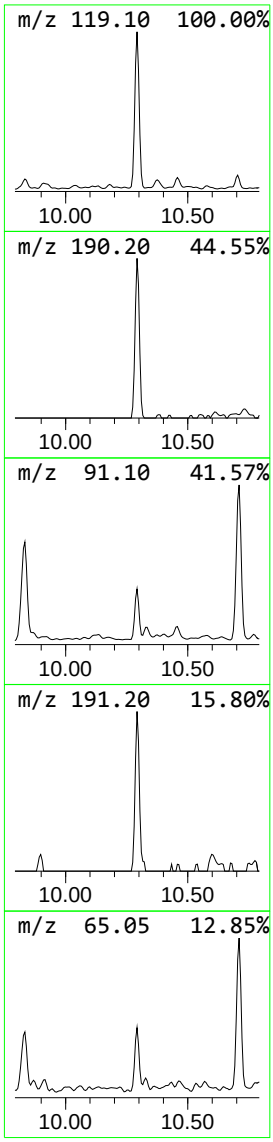
****

Peak Number 12 Diethyltoluamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	3.77 ng	83975	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	72
3	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	68
4	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	58
5	Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

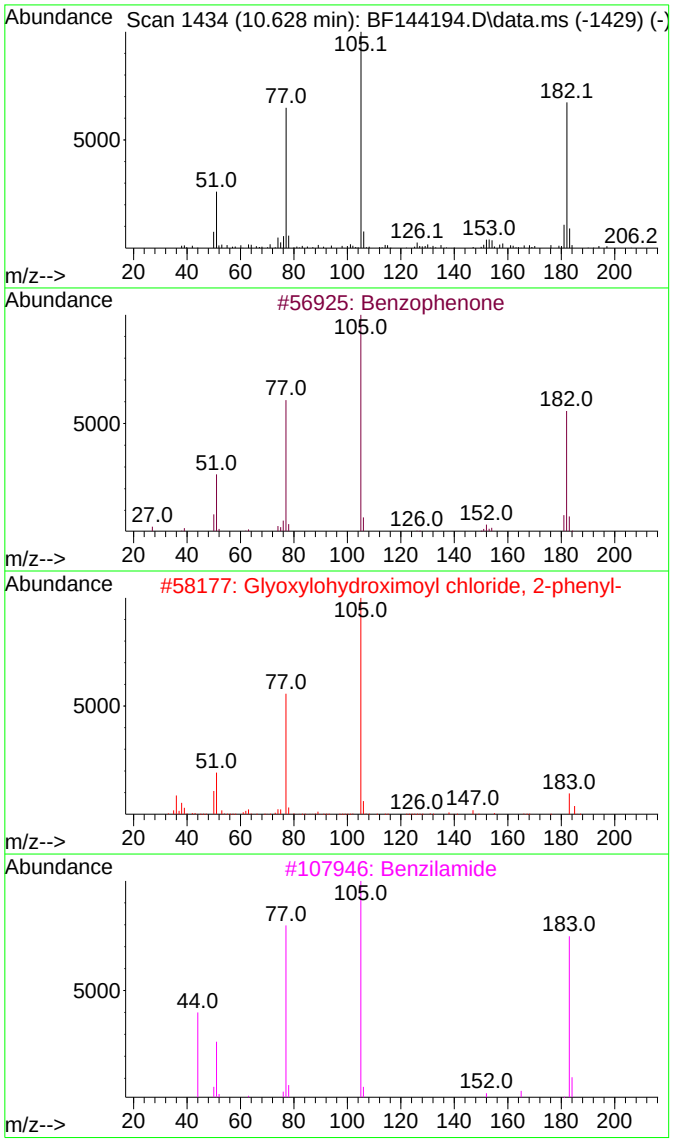
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

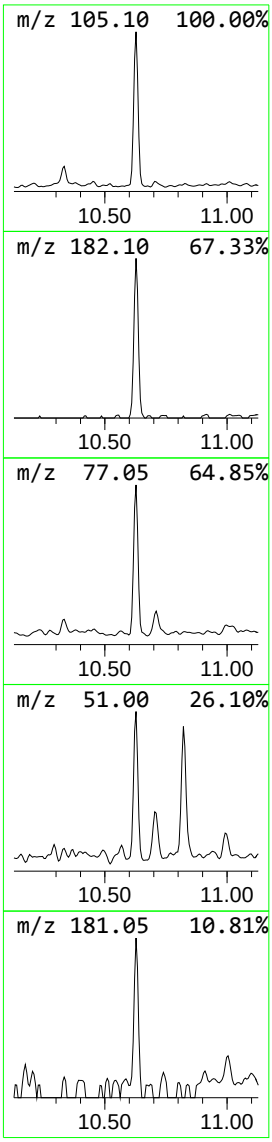
****

Peak Number 13 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.54 ng	101003	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	46
3	Benzilamide	227	C14H13NO2	004746-87-6	43
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

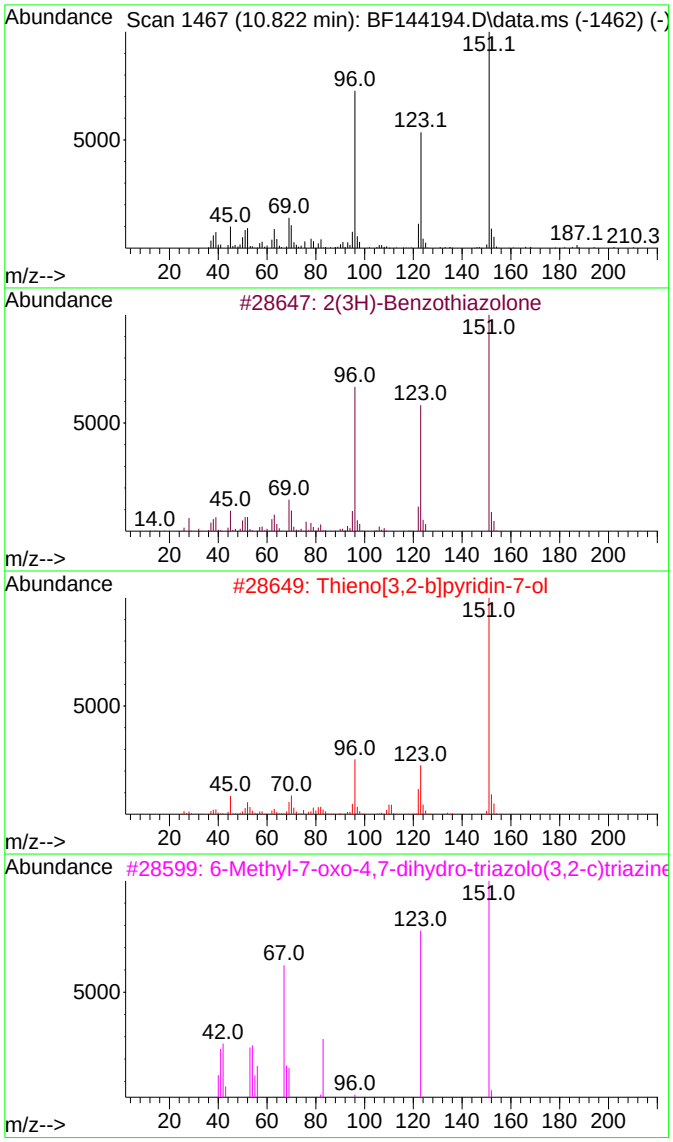
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

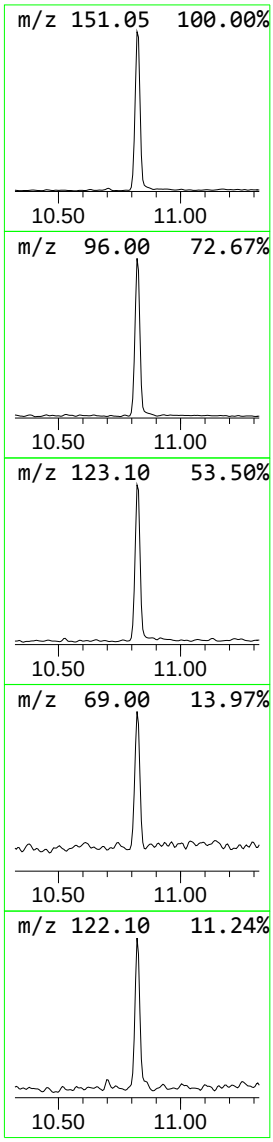
****

Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	15.80 ng	308662	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	68
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	46
5	carbamothioic acid, N-methyl-, S...	208	C9H8N2O2S	1000400-57-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

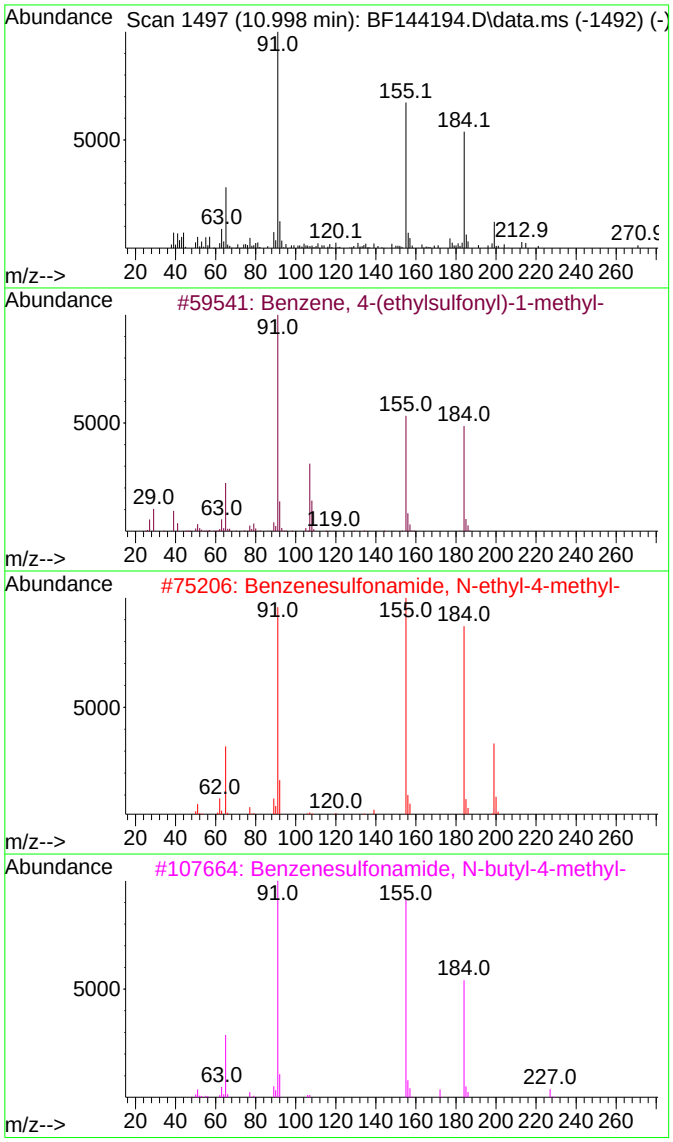
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

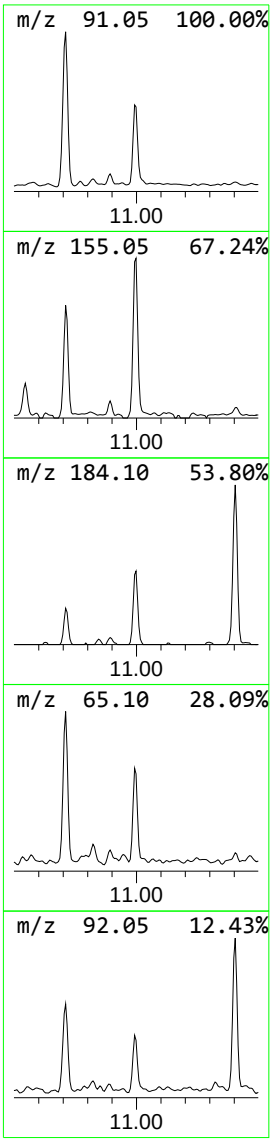
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-(ethylsulfonyl)-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	6.07 ng	118536	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	94
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	90
3	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	87
4	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	86
5	Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	86





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Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

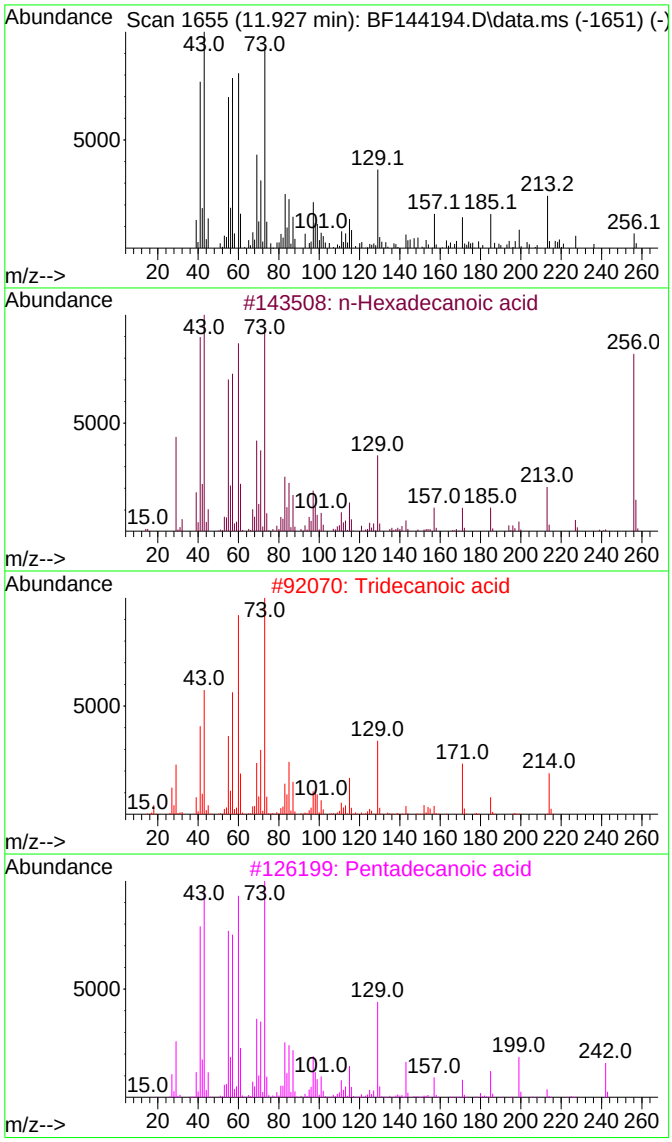
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

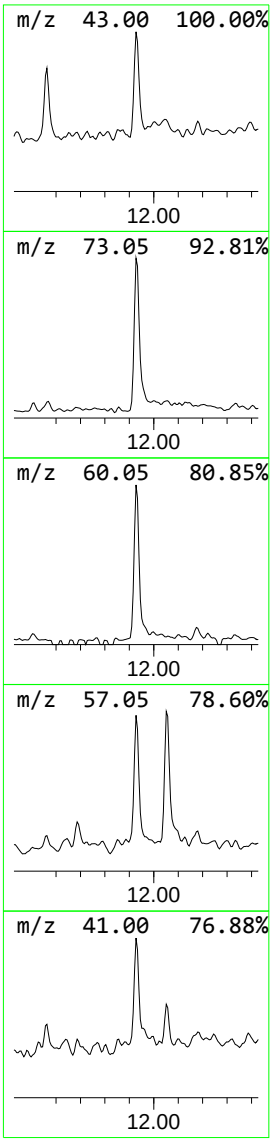
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	7.07 ng	138160	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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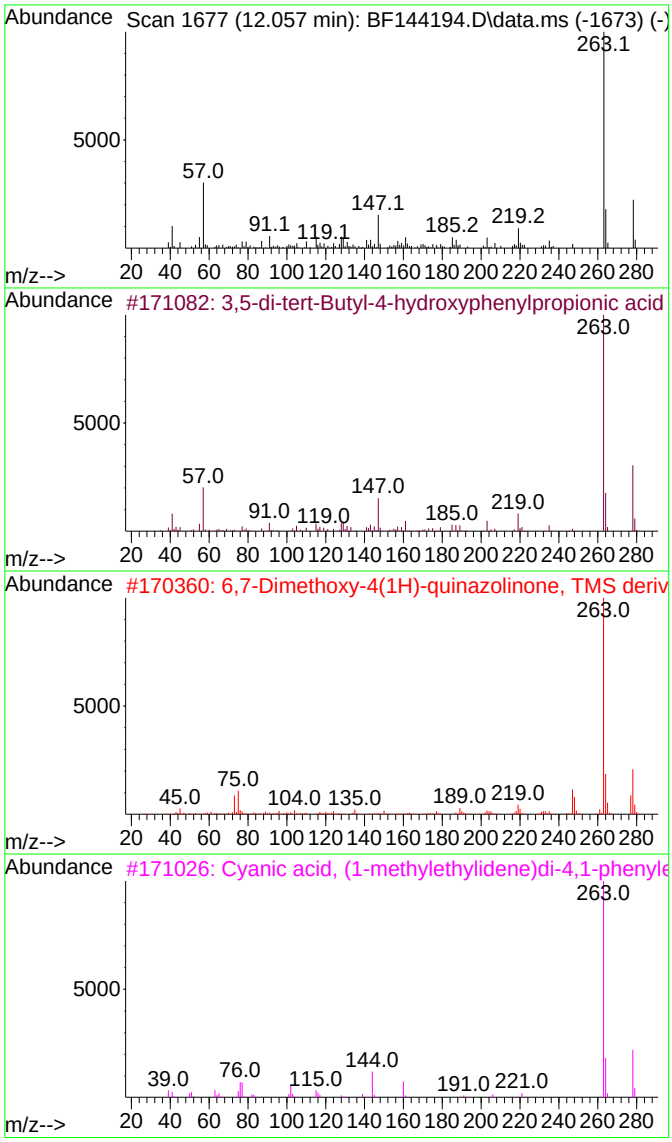
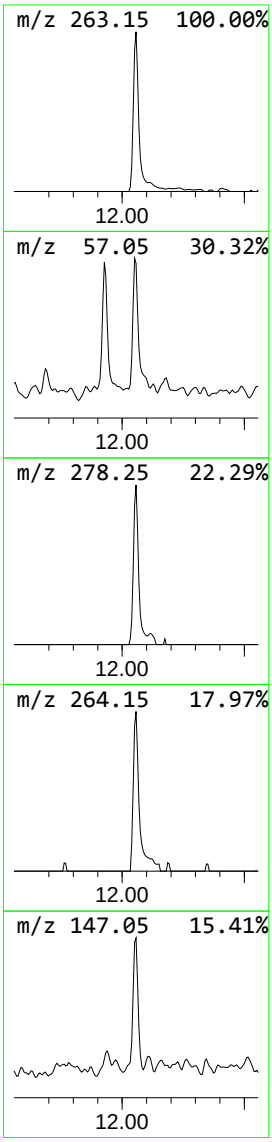
Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	5.82 ng	113622	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	81
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

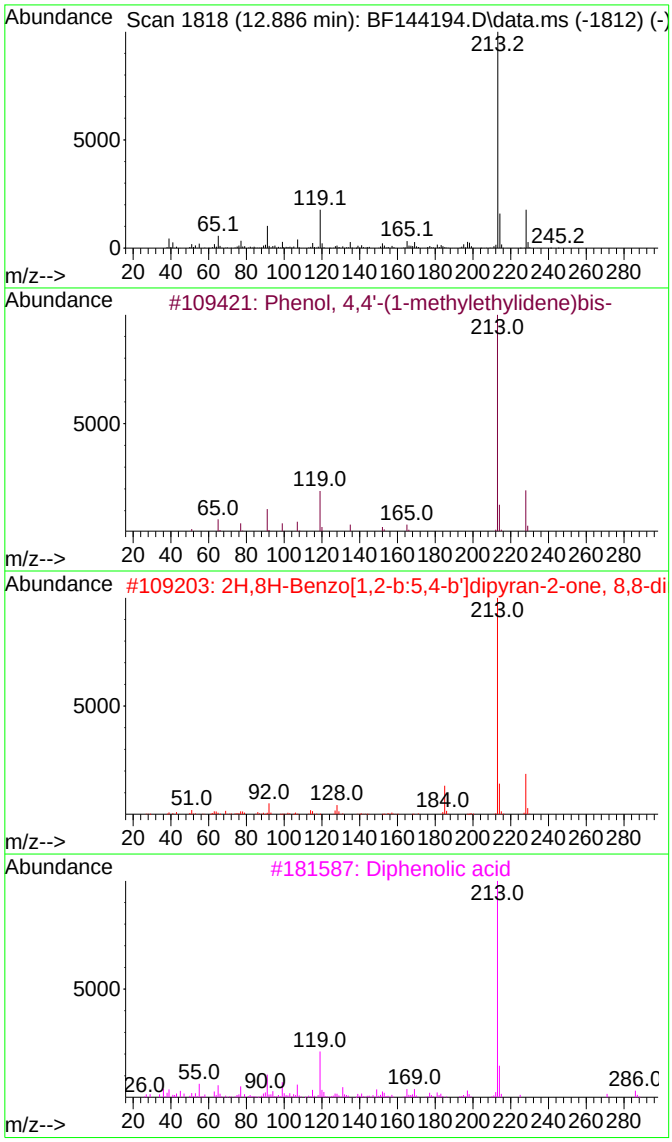
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

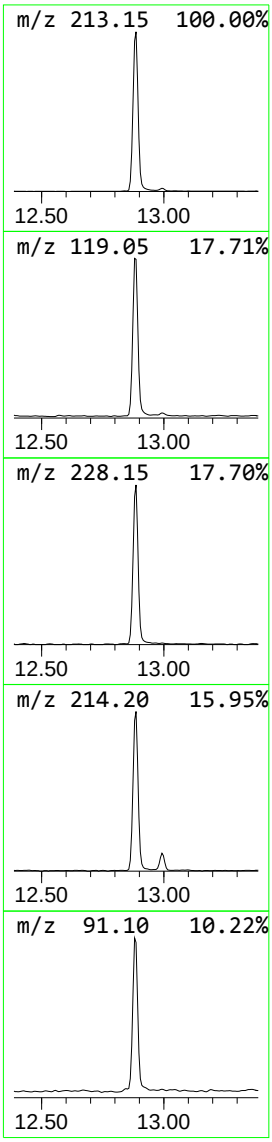
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	84.42 ng	1629400	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3	Diphenolic acid	286	C17H18O4	000126-00-1	56
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	53
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Hexanoic acid, ...	7.681	5.9	ng	132650	2	8.157	446446	20.0
Diphenyl ether	9.433	4.9	ng	109734	3	9.910	444987	20.0
Benzoic acid, p...	9.833	17.1	ng	381273	3	9.910	444987	20.0
Diethyltoluamide	10.292	3.8	ng	83975	3	9.910	444987	20.0
Benzophenone	10.628	4.5	ng	101003	3	9.910	444987	20.0
2(3H)-Benzothia...	10.822	15.8	ng	308662	4	11.404	390619	20.0
Benzene, 4-(eth...	10.998	6.1	ng	118536	4	11.404	390619	20.0
n-Hexadecanoic ...	11.927	7.1	ng	138160	4	11.404	390619	20.0
3,5-di-tert-But...	12.057	5.8	ng	113622	4	11.404	390619	20.0
Phenol, 4,4'-(1...	12.886	84.4	ng	1629400	5	14.051	386034	20.0