LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125288.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	12	19	26	rVB	1291420	1694360	29.47%	3.116%
2	5.540	582	587	590	rBV	4217407	4135110	71.92%	7.604%
3	6.545	753	758	761	rBV	4026441	4141034	72.02%	7.615%
4	6.910	817	820	824	rBV	1210337	1052377	18.30%	1.935%
5	7.475	911	916	919	rBV	2782529	2713258	47.19%	4.990%
6	8.098	1018	1022	1035	rBV	439634	748894	13.02%	1.377%
7	8.198	1035	1039	1042	rBV	1590806	1397064	24.30%	2.569%
8	9.269	1217	1221	1224	rBV	5142245	4465221	77.66%	8.211%
9	9.951	1333	1337	1340	rBV	1979363	1611254	28.02%	2.963%
10	9.980	1340	1342	1346	rVB	186157	157390	2.74%	0.289%
11	10.157	1366	1372	1375	rBV	249715	252306	4.39%	0.464%
12	10.498	1426	1430	1435	rBV	499345	422512	7.35%	0.777%
13	10.563	1435	1441	1442	rBV	63177	71037	1.24%	0.131%
14	10.586	1442	1445	1447	rVB2	87324	81910	1.42%	0.151%
15	10.651	1454	1456	1462	rVB	139061	123147	2.14%	0.226%
16	10.739	1467	1471	1475	rBV	3680774	3701636	64.38%	6.807%
17	10.845	1486	1489	1490	rBV	78117	61299	1.07%	0.113%
18	10.863	1490	1492	1498	rVB4	63848	72992	1.27%	0.134%
19	11.045	1516	1523	1526	rBV3	103886	133522	2.32%	0.246%
20	11.292	1560	1565	1568	rBV3	111765	139568	2.43%	0.257%
21	11.333	1568	1572	1578	rVB	329142	298176	5.19%	0.548%
22	11.439	1586	1590	1592	rBV	2054359	1932068	33.60%	3.553%
23	11.469	1592	1595	1598	rVV	3854243	3503180	60.92%	6.442%
24	11.516	1598	1603	1606	rVV	779712	699165	12.16%	1.286%
25	11.551	1606	1609	1614	rVB	163770	179509	3.12%	0.330%
26	11.669	1622	1629	1635	rBV2	104150	169727	2.95%	0.312%
27	11.733	1635	1640	1643	rVB2	88998	102059	1.77%	0.188%
28	11.821	1651	1655	1658	rBV2	93513	86334	1.50%	0.159%
29	11.939	1669	1675	1676	rBV	265020	236289	4.11%	0.435%
30	11.969	1676	1680	1683	rVB2	345579	459383	7.99%	0.845%
31	12.016	1685	1688	1691	rVB	116170	95508	1.66%	0.176%
32	12.051	1691	1694	1697	rBV	636067	639666	11.12%	1.176%
33	12.233	1722	1725	1728	rBV	269901	217219	3.78%	0.399%
34	12.486	1765	1768	1771	rBV	69271	76556	1.33%	0.141%
35	12.527	1771	1775	1780	rVB4	61962	106970	1.86%	0.197%
36	12.574	1780	1783	1788	rBV	109017	113068	1.97%	0.208%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.657	1792	1797	1800	rBV	3495027	3106322	54.02%	5.712%
38	12.804	1818	1822	1825	rBV2	108337	92977	1.62%	0.171%
39	12.886	1829	1836	1841	rBV	2414501	2763976	48.07%	5.083%
40	12.927	1841	1843	1848	rVB2	85818	91821	1.60%	0.169%
41	13.027	1852	1860	1863	rBV	6044561	5749988	100.00%	10.574%
42	13.104	1867	1873	1876	rBV3	86915	151270	2.63%	0.278%
43	13.186	1883	1887	1888	rBV3	76024	86145	1.50%	0.158%
44	13.210	1888	1891	1894	rVB	307356	271049	4.71%	0.498%
45	13.274	1899	1902	1905	rBV	332546	276634	4.81%	0.509%
46	13.310	1905	1908	1911	rBV2	101624	103428	1.80%	0.190%
47	13.439	1927	1930	1933	rBV3	60793	62286	1.08%	0.115%
48	13.827	1993	1996	1999	rBV	83098	79099	1.38%	0.145%
49	13.857	1999	2001	2003	rBV	87194	68174	1.19%	0.125%
50	13.939	2009	2015	2023	rBV4	250191	567655	9.87%	1.044%
51	14.080	2031	2039	2042	rBV2	1896293	2250707	39.14%	4.139%
52	14.104	2042	2043	2048	rVB	520872	367059	6.38%	0.675%
53	14.186	2054	2057	2059	rBV	122416	100232	1.74%	0.184%
54	14.933	2181	2184	2189	rVB	64876	66570	1.16%	0.122%
55	15.133	2214	2218	2222	rBV	170555	288506	5.02%	0.531%
56	15.451	2268	2272	2278	rVB	93623	126651	2.20%	0.233%
57	15.509	2279	2282	2289	rVV2	115410	170942	2.97%	0.314%
58	15.580	2289	2294	2306	rVB	937453	1376062	23.93%	2.531%
59	17.098	2547	2552	2559	rBV4	33361	69672	1.21%	0.128%

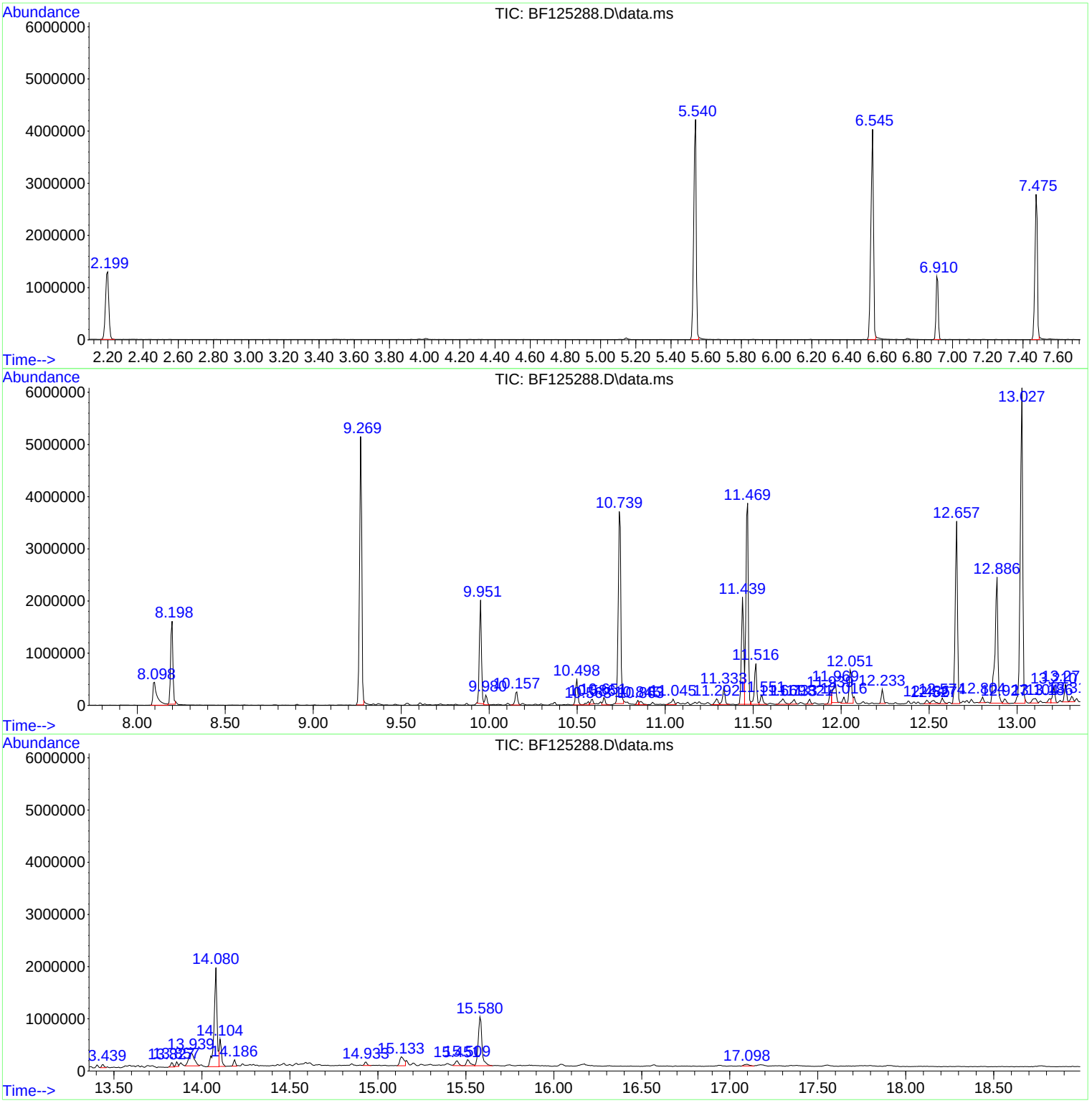
Sum of corrected areas: 54377993

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

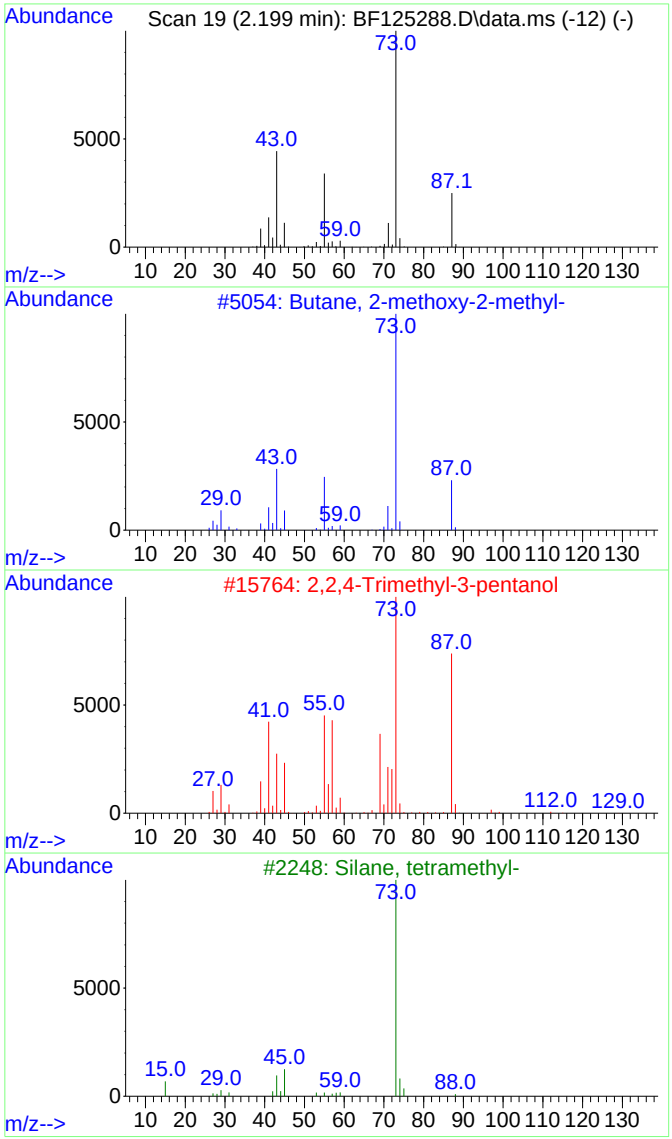
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

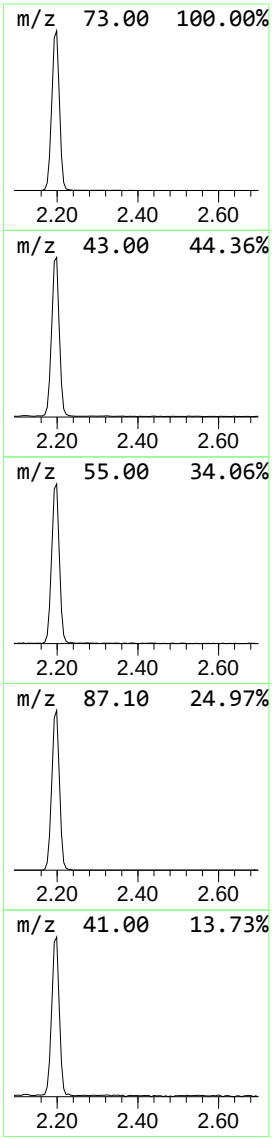
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	32.20 ng	1694360	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

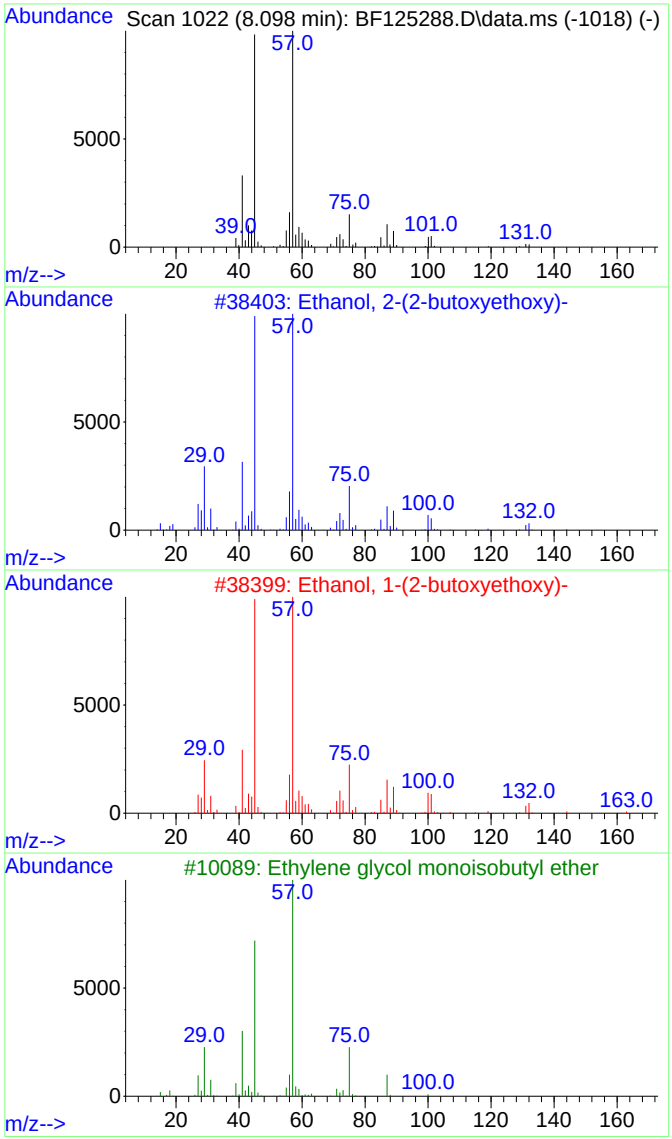
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

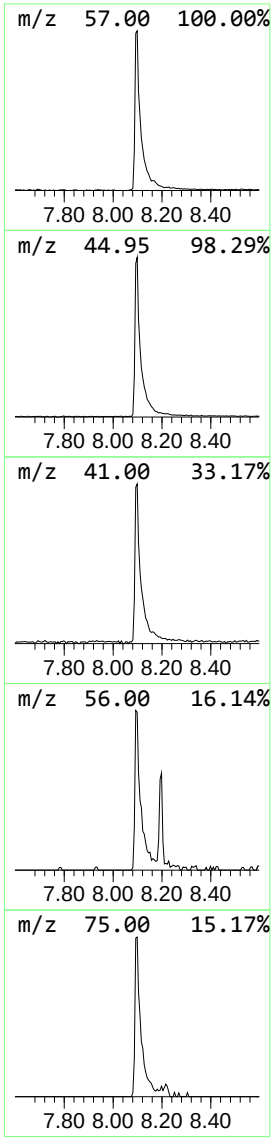
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	10.72 ng	748894	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Butyl lactate	146	C7H14O3	000138-22-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

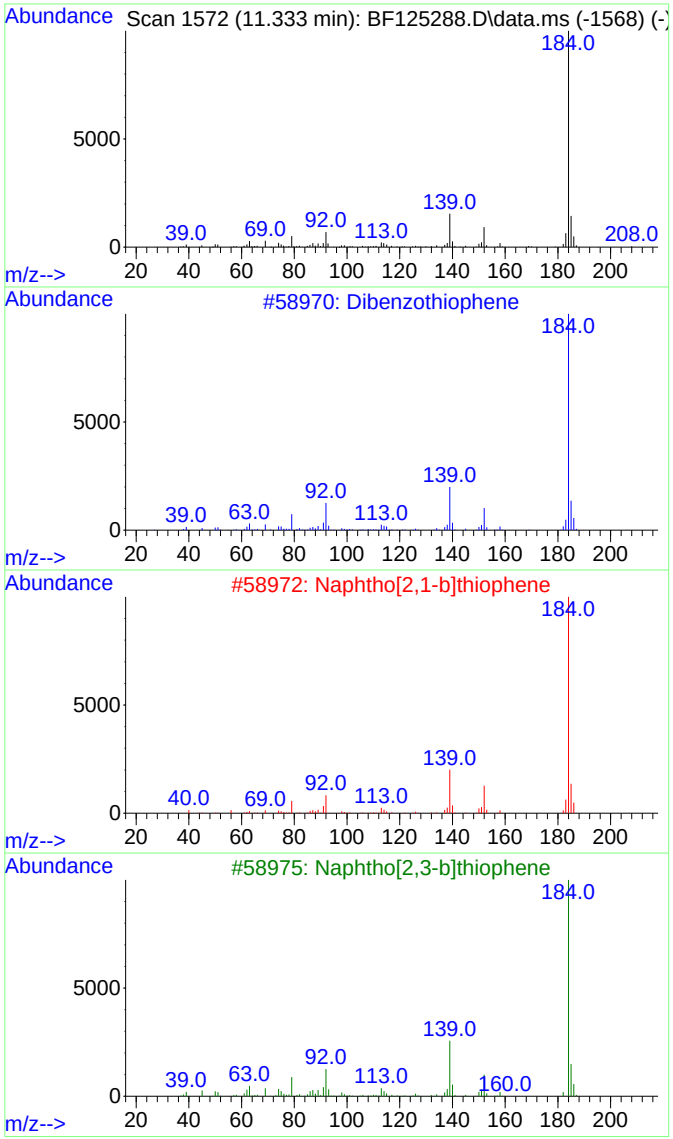
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

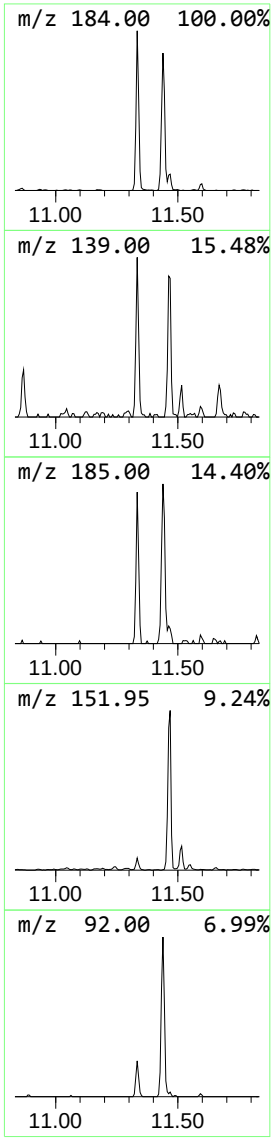
****

Peak Number 3 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	3.09 ng	298176	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

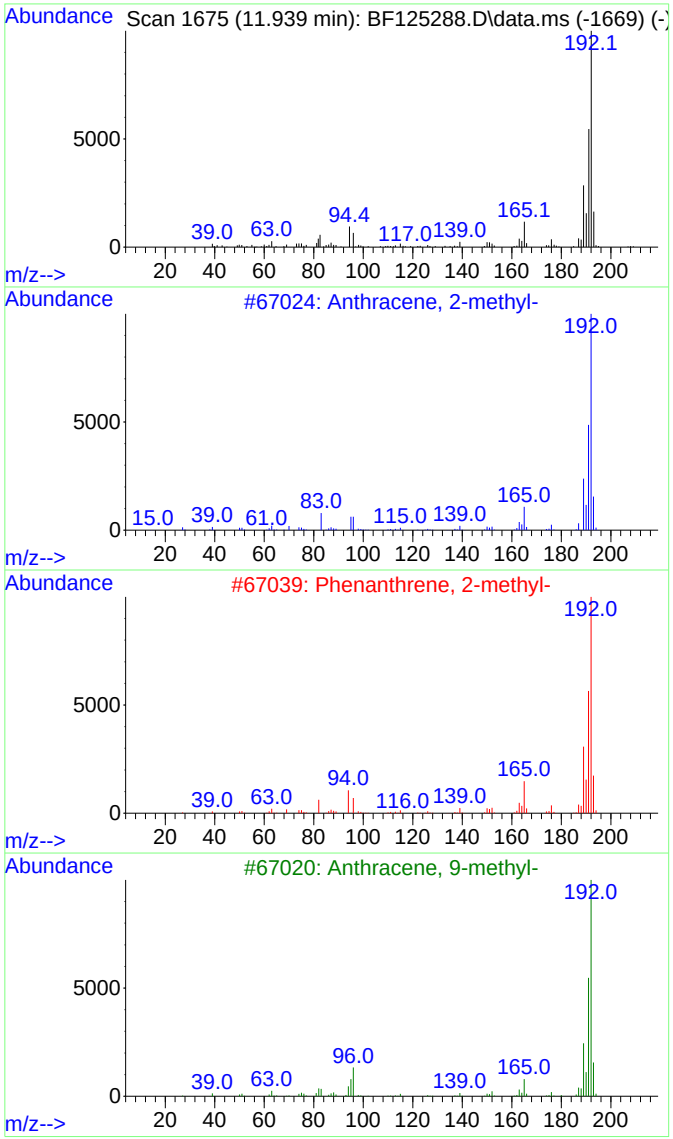
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

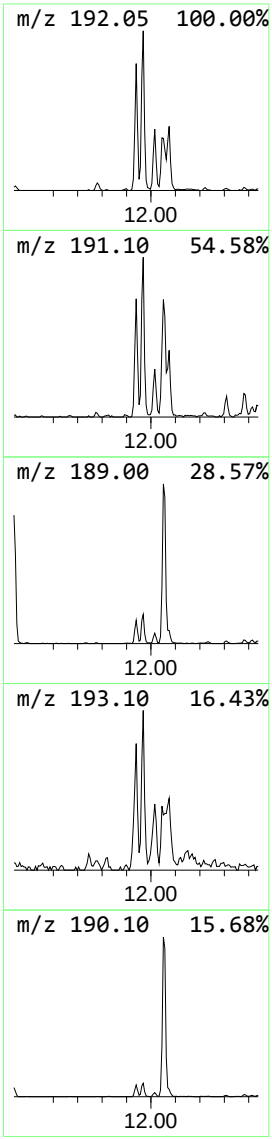
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.45 ng	236289	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

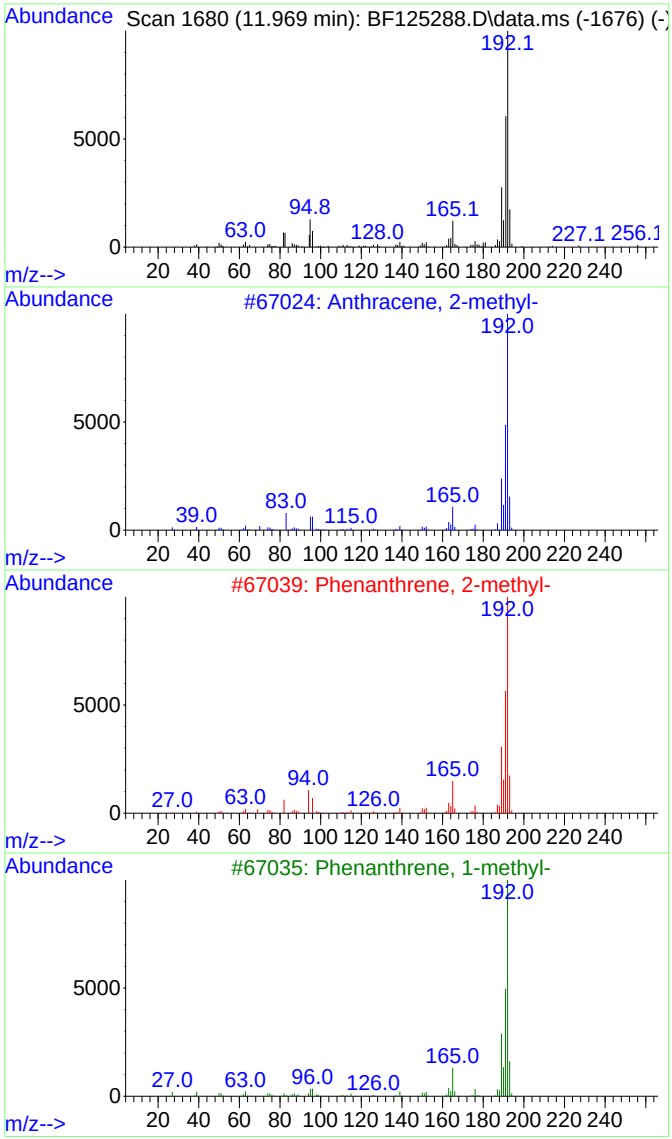
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

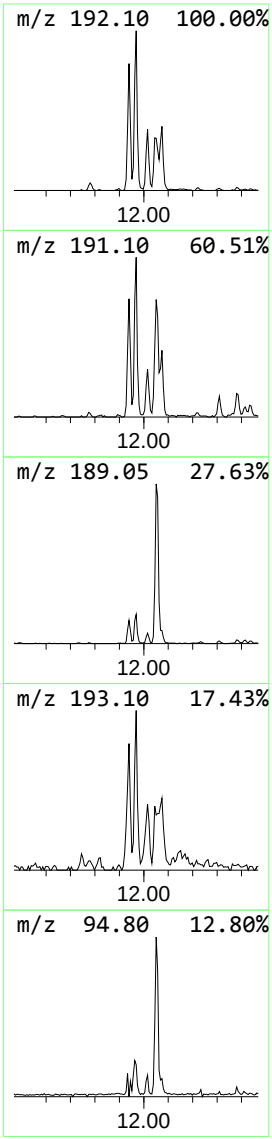
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	4.76 ng	459383	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

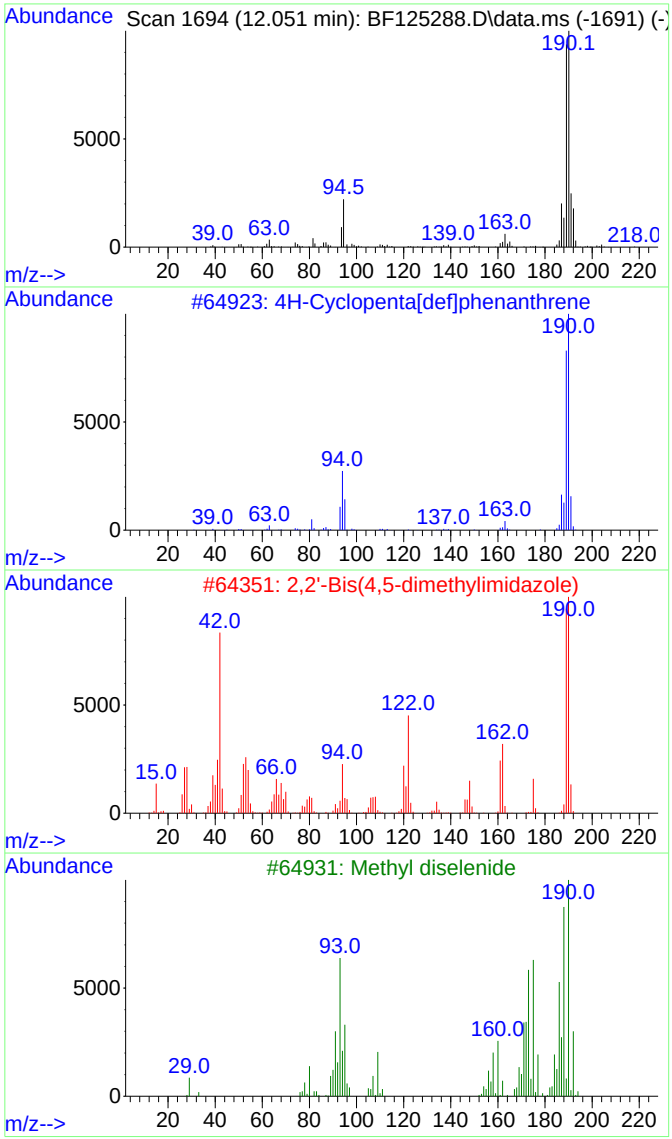
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

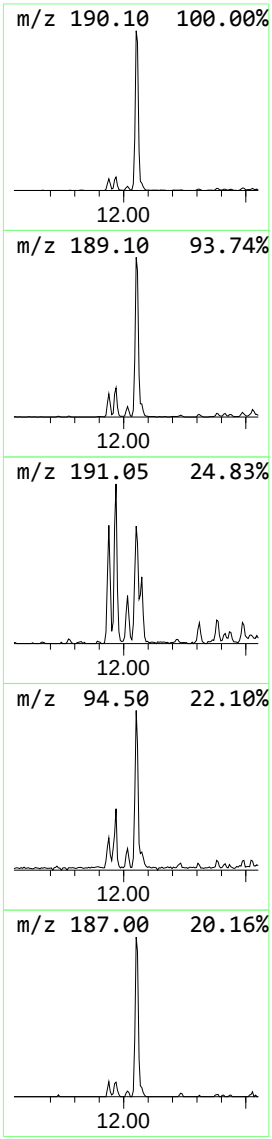
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	6.62 ng	639666	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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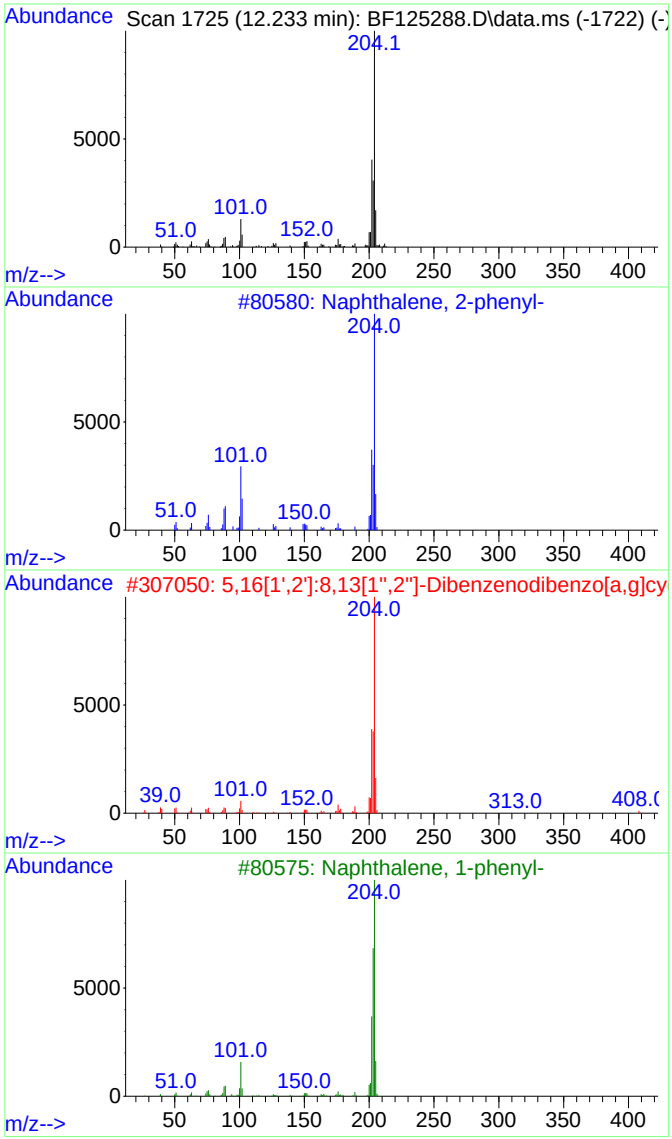
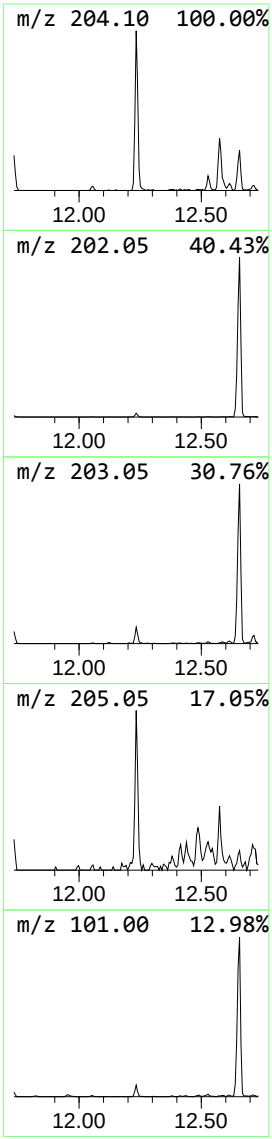
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	2.25 ng	217219	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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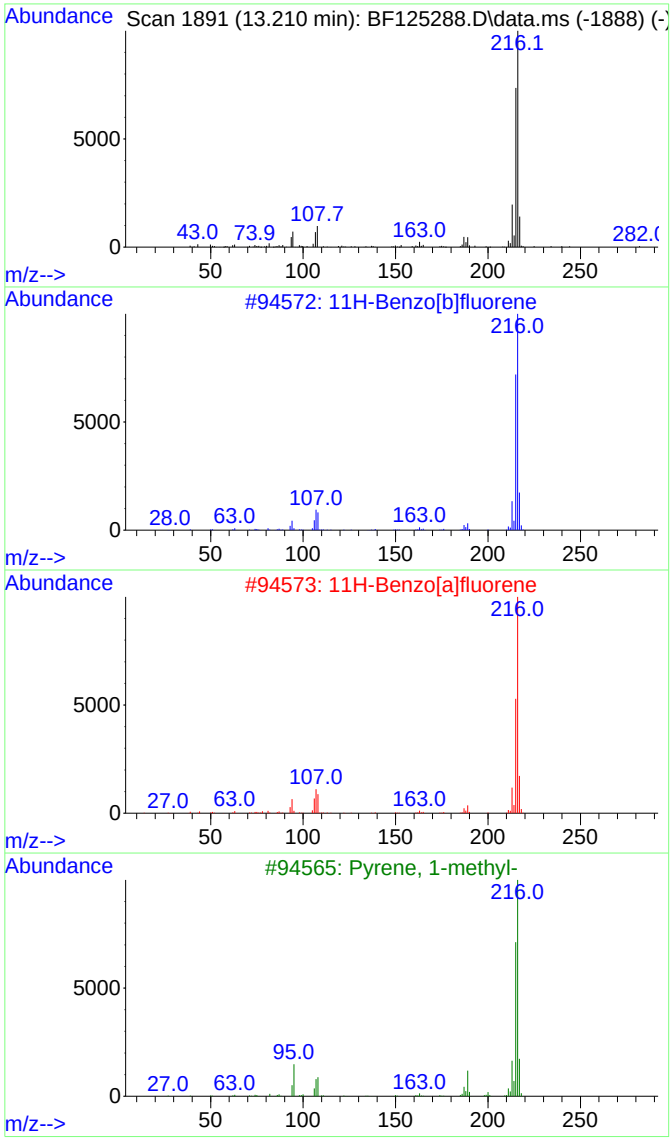
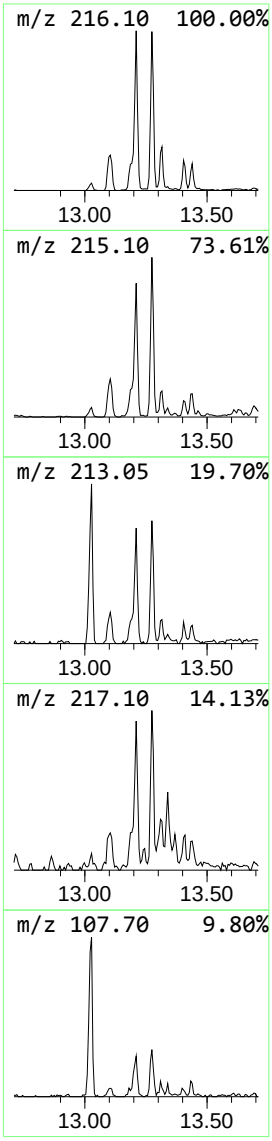
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.41 ng	271049	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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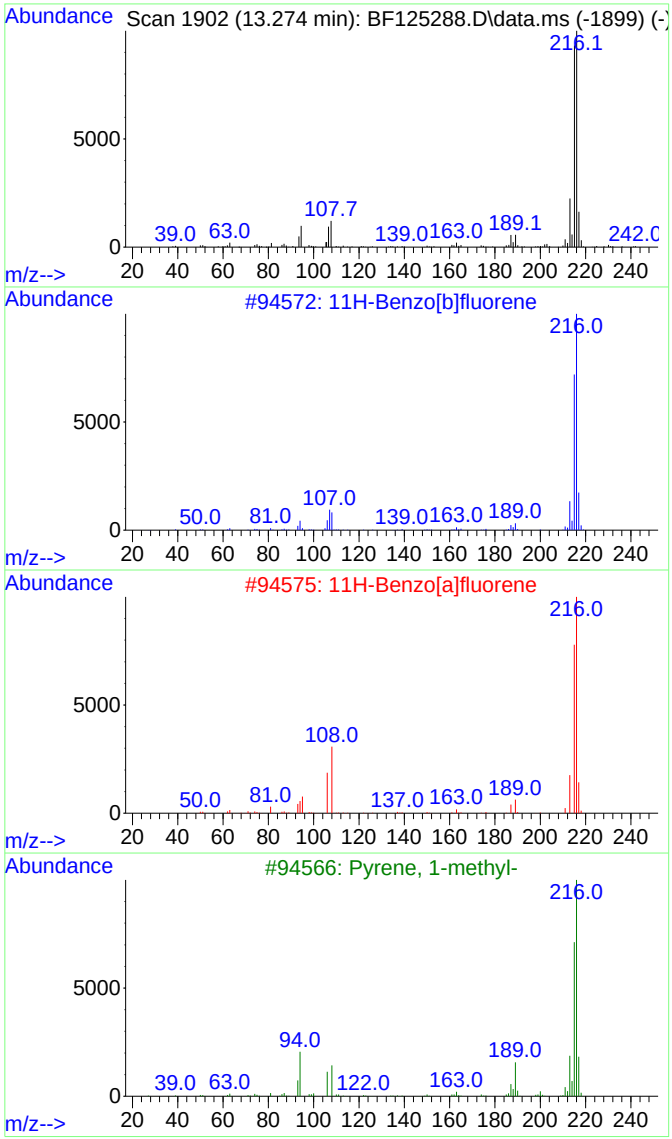
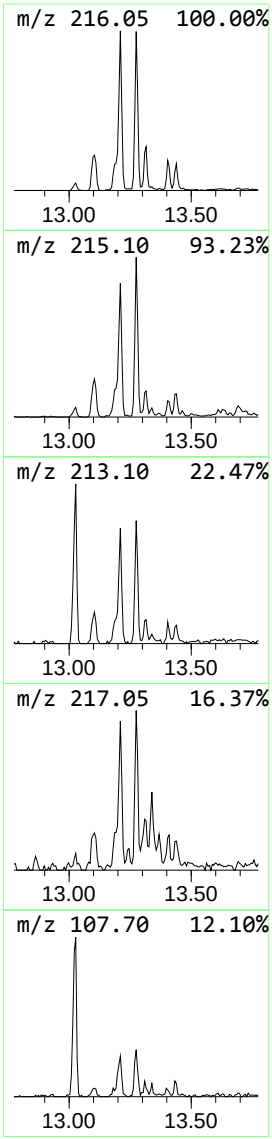
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.46 ng	276634	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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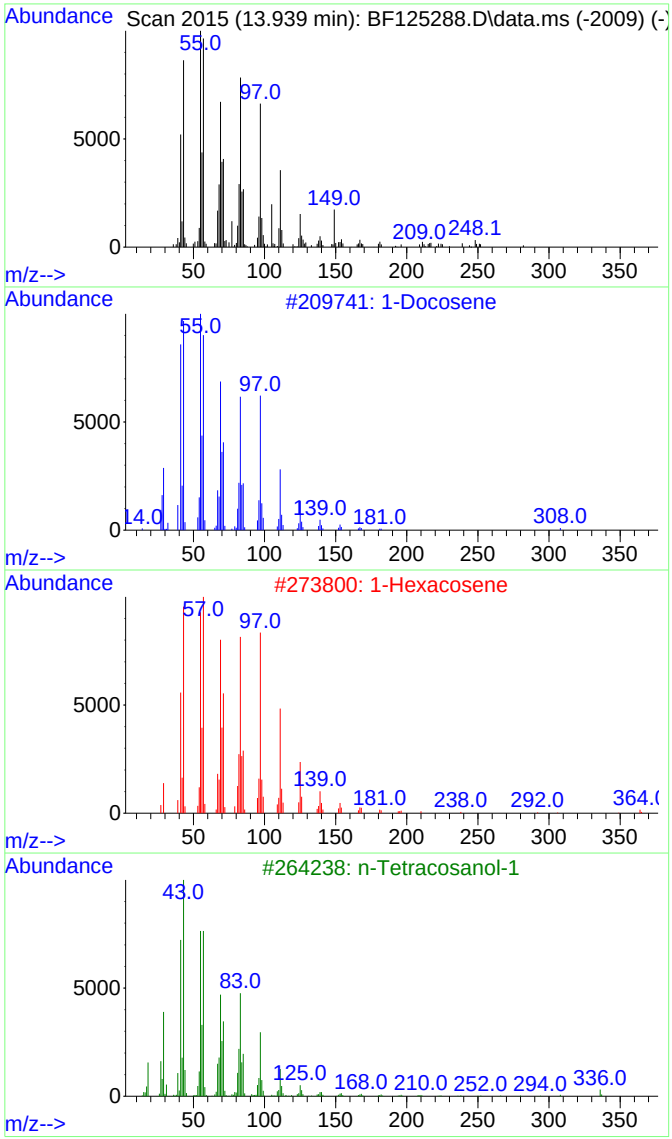
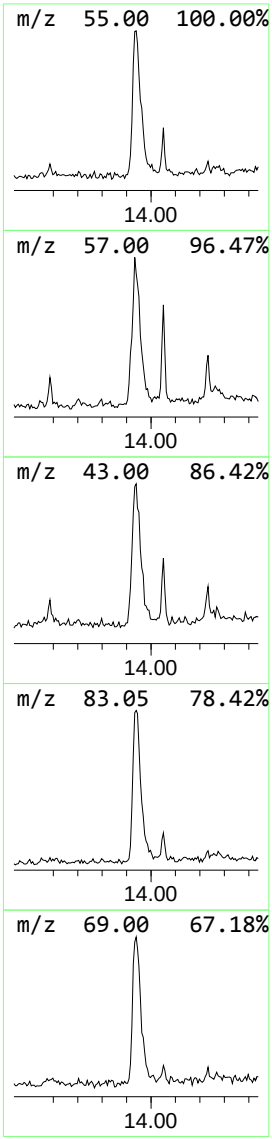
Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	5.04 ng	567655	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125288.D
Acq On : 31 Aug 2021 14:53
Operator : JU/CG
Sample : M3593-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.199	32.2	ng	1694360	1	6.916	1052380	20.0
Ethanol, 2-(2-b...	8.098	10.7	ng	748894	2	8.198	1397060	20.0
Dibenzothiophene	11.333	3.1	ng	298176	4	11.439	1932070	20.0
Phenanthrene, 2...	11.939	2.5	ng	236289	4	11.439	1932070	20.0
Anthracene, 2-m...	11.969	4.8	ng	459383	4	11.439	1932070	20.0
4H-Cyclopenta[d...	12.051	6.6	ng	639666	4	11.439	1932070	20.0
Naphthalene, 2-...	12.233	2.3	ng	217219	4	11.439	1932070	20.0
11H-Benzo[b]flu...	13.210	2.4	ng	271049	5	14.080	2250710	20.0
11H-Benzo[a]flu...	13.274	2.5	ng	276634	5	14.080	2250710	20.0
1-Docosene	13.939	5.0	ng	567655	5	14.080	2250710	20.0