LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128747.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	462	466	471	rVB	36202	42870	2.12%	0.287%
2	5.457	536	539	549	rBV	1594129	1550509	76.79%	10.389%
3	6.469	708	711	722	rBV	1721560	1590301	78.76%	10.656%
4	6.810	765	769	773	rVB	616091	484746	24.01%	3.248%
5	7.375	860	865	868	rBV	1168882	1086230	53.79%	7.278%
6	8.092	982	987	991	rBV	731786	631918	31.30%	4.234%
7	9.175	1165	1171	1174	rBV	2367610	2019209	100.00%	13.530%
8	9.569	1234	1238	1241	rBV2	25540	24431	1.21%	0.164%
9	9.851	1278	1286	1290	rBV	946763	764552	37.86%	5.123%
10	10.051	1315	1320	1324	rBV4	17049	26035	1.29%	0.174%
11	10.092	1324	1327	1336	rVB4	19742	37484	1.86%	0.251%
12	10.169	1336	1340	1343	rBV3	18862	24955	1.24%	0.167%
13	10.257	1352	1355	1357	rBV4	20411	24443	1.21%	0.164%
14	10.392	1374	1378	1381	rBV5	16251	23550	1.17%	0.158%
15	10.504	1392	1397	1401	rVB2	72819	93253	4.62%	0.625%
16	10.645	1417	1421	1424	rBV	1387591	1159876	57.44%	7.772%
17	10.769	1438	1442	1445	rBV	170501	164519	8.15%	1.102%
18	10.980	1474	1478	1481	rBV4	38492	40134	1.99%	0.269%
19	11.092	1493	1497	1500	rBV4	22751	33227	1.65%	0.223%
20	11.233	1517	1521	1528	rVB	130464	145532	7.21%	0.975%
21	11.339	1535	1539	1542	rBV	937217	753507	37.32%	5.049%
22	11.404	1546	1550	1553	rVB6	27677	30925	1.53%	0.207%
23	11.451	1555	1558	1561	rBV4	22573	27881	1.38%	0.187%
24	11.580	1576	1580	1584	rBV3	43849	60202	2.98%	0.403%
25	11.669	1593	1595	1601	rVB4	31493	50170	2.48%	0.336%
26	11.839	1622	1624	1626	rBV	38530	35202	1.74%	0.236%
27	11.869	1626	1629	1634	rVB	105826	116774	5.78%	0.782%
28	11.951	1640	1643	1646	rVB	40006	30844	1.53%	0.207%
29	12.321	1702	1706	1708	rBV2	39169	43319	2.15%	0.290%
30	12.392	1715	1718	1720	rBV	49239	48140	2.38%	0.323%
31	12.551	1743	1745	1751	rVB2	20843	23458	1.16%	0.157%
32	12.657	1761	1763	1770	rVB8	28442	39854	1.97%	0.267%
33	12.839	1792	1794	1797	rVB	26594	26235	1.30%	0.176%
34	12.927	1805	1809	1812	rBV	1989989	1843944	91.32%	12.356%
35	13.874	1966	1970	1981	rVB3	48365	114092	5.65%	0.764%
36	13.980	1984	1988	1992	rBV	489743	485040	24.02%	3.250%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.080	1999	2005	2011	rBV	281936	320530	15.87%	2.148%
38	14.727	2110	2115	2118	rBV	73702	128258	6.35%	0.859%
39	14.762	2118	2121	2129	rVB	100073	166663	8.25%	1.117%
40	15.092	2175	2177	2182	rVB	23724	23045	1.14%	0.154%
41	15.198	2190	2195	2201	rVB	80213	145303	7.20%	0.974%
42	15.445	2232	2237	2248	rVB	334217	442751	21.93%	2.967%

Sum of corrected areas: 14923911

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
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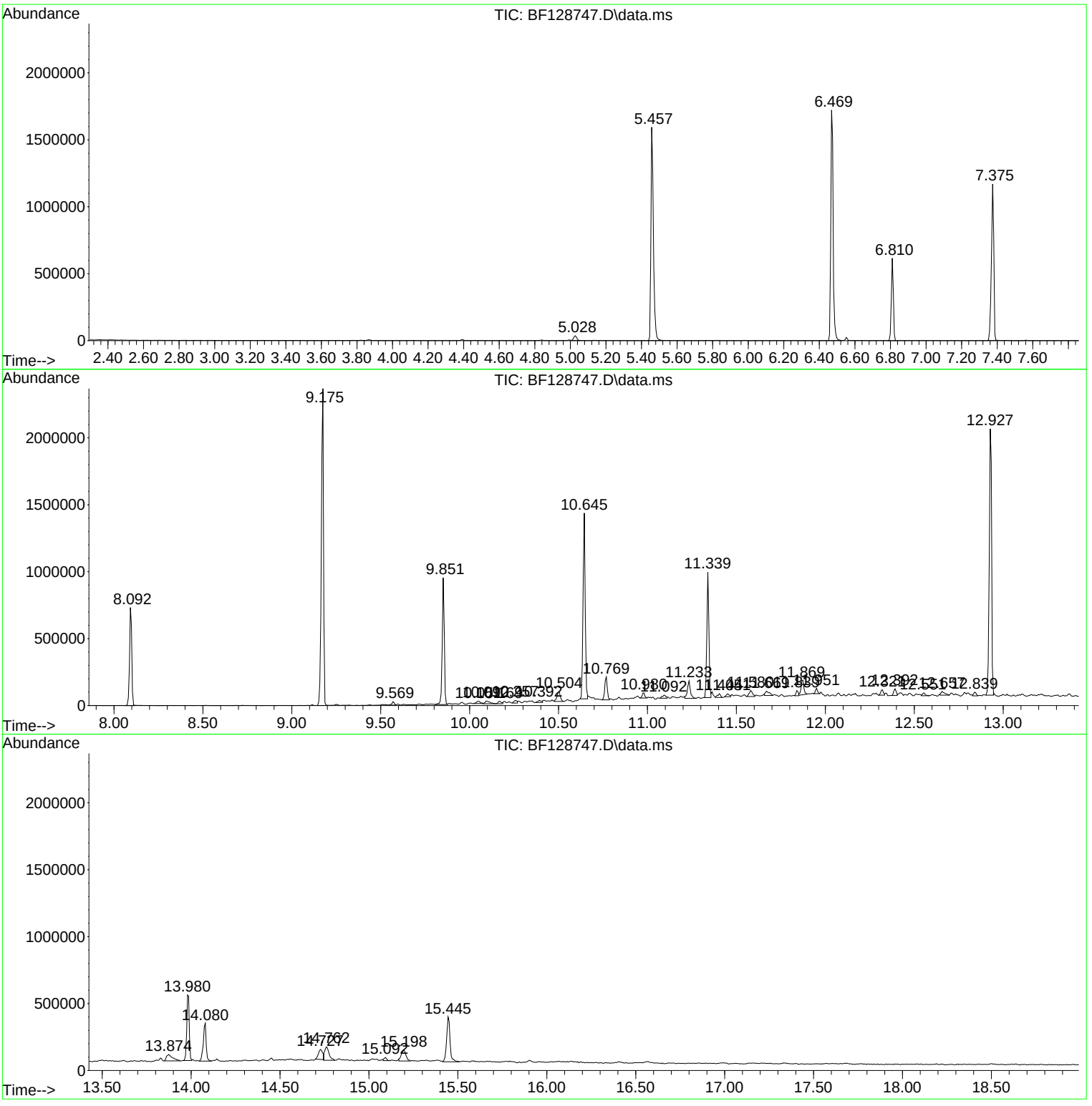
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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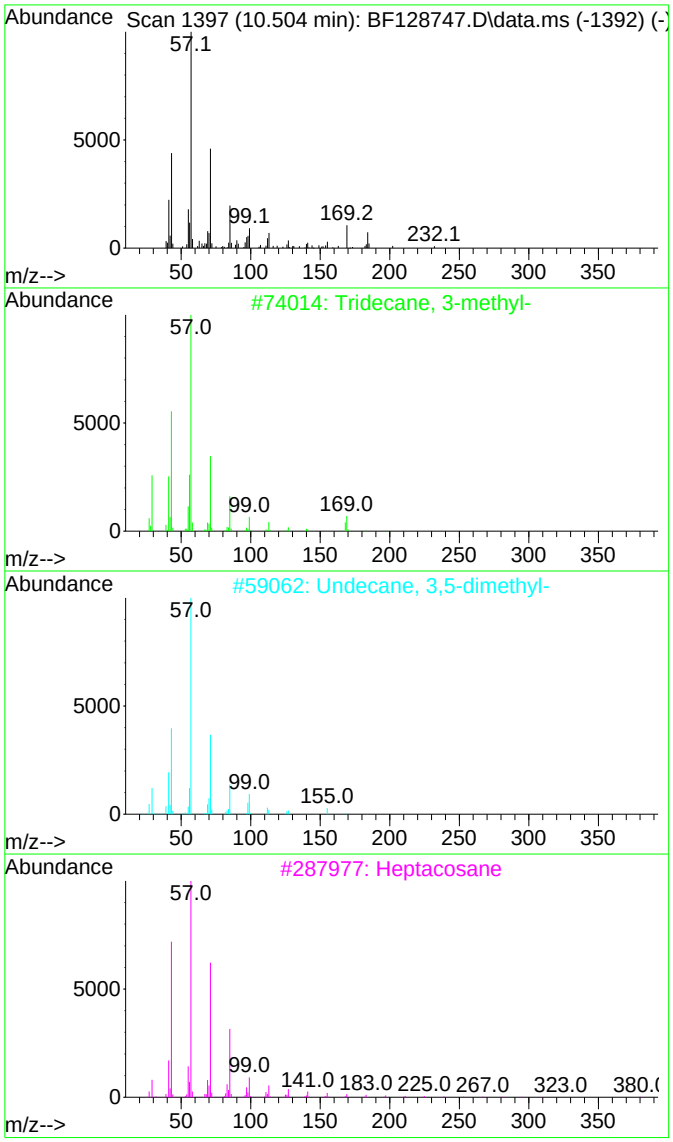
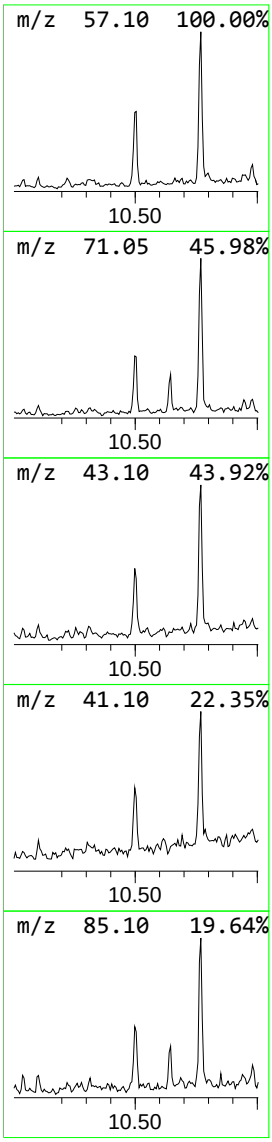
Peak Number 1 Tridecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	2.44 ng	93253	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
3	Heptacosane	380	C27H56	000593-49-7	53
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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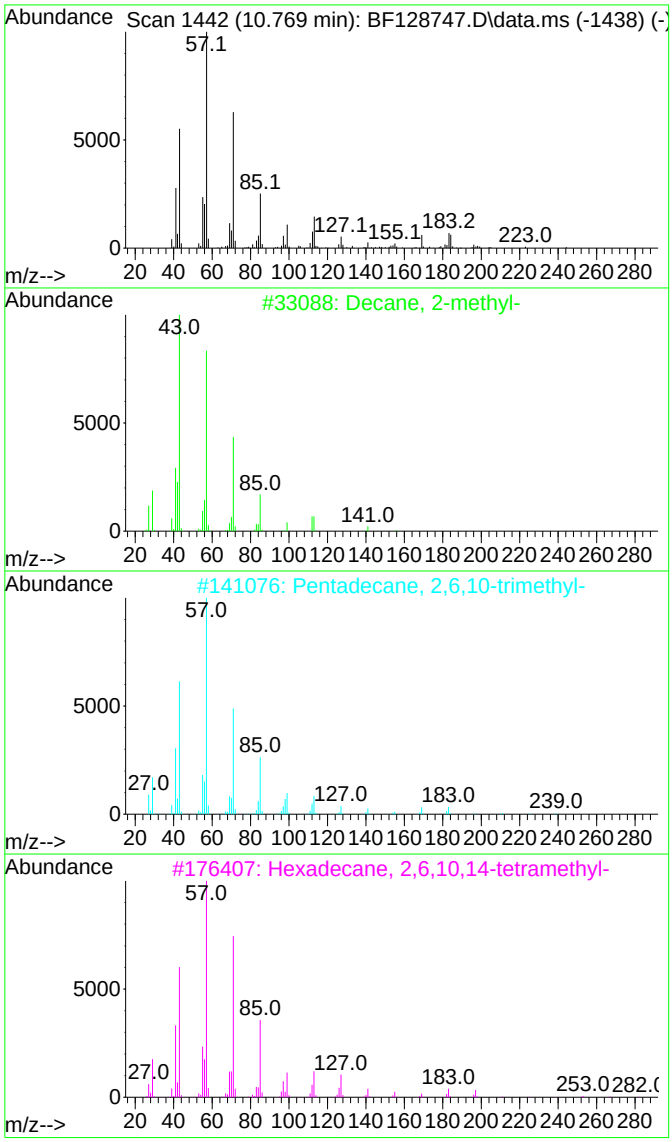
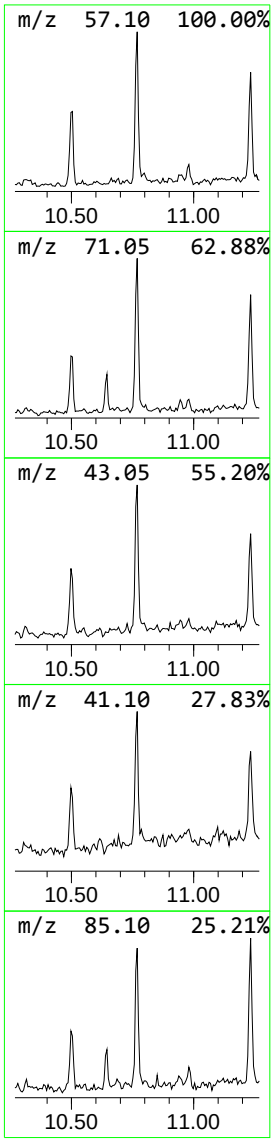
Peak Number 2 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	4.37 ng	164519	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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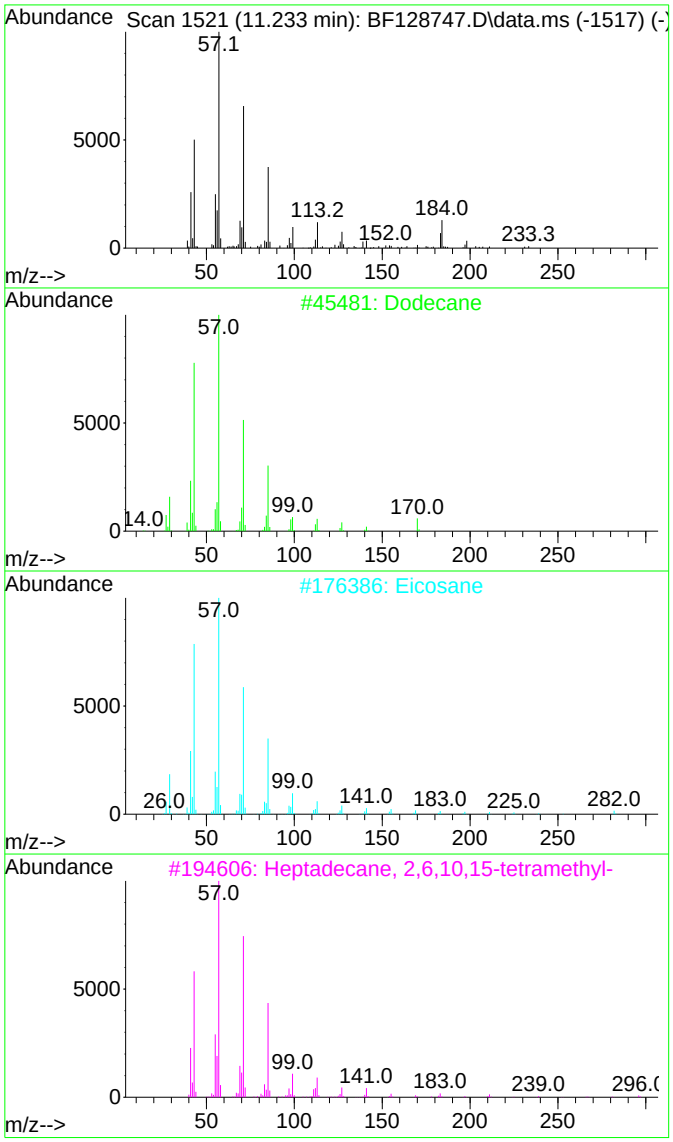
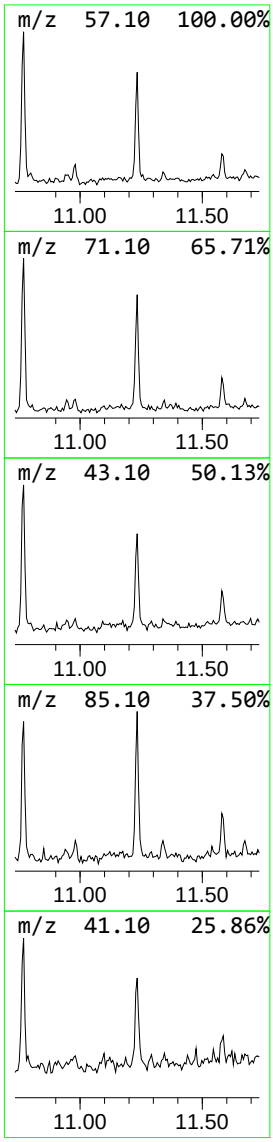
Peak Number 3 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.86 ng	145532	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Eicosane	282	C20H42	000112-95-8	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

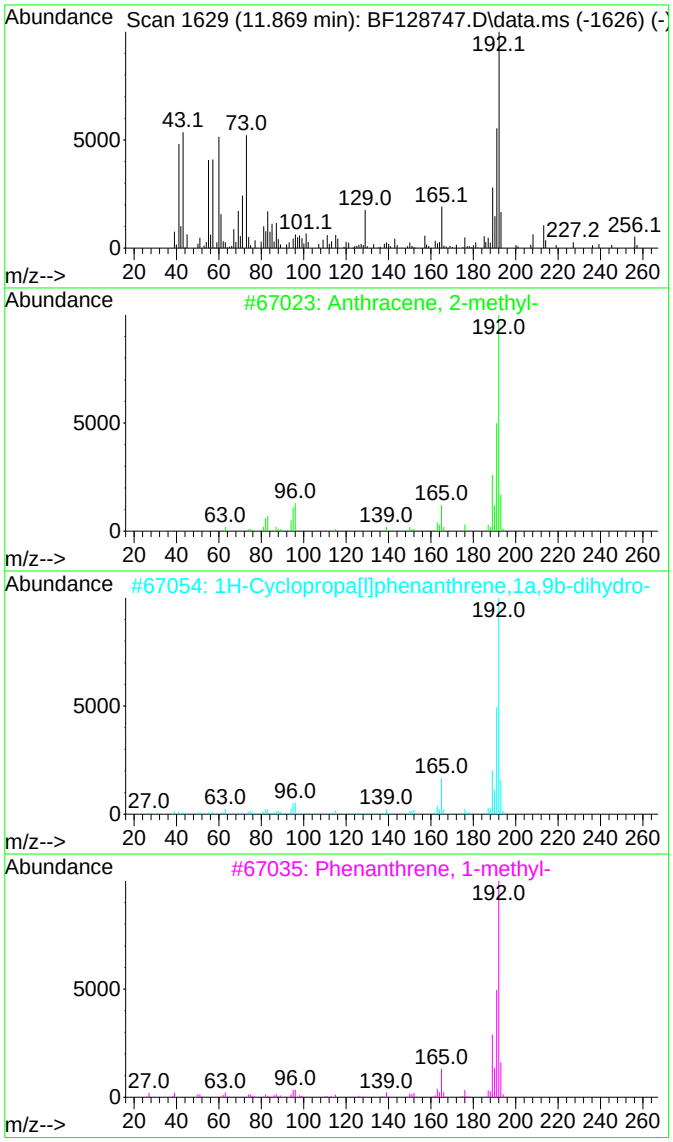
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

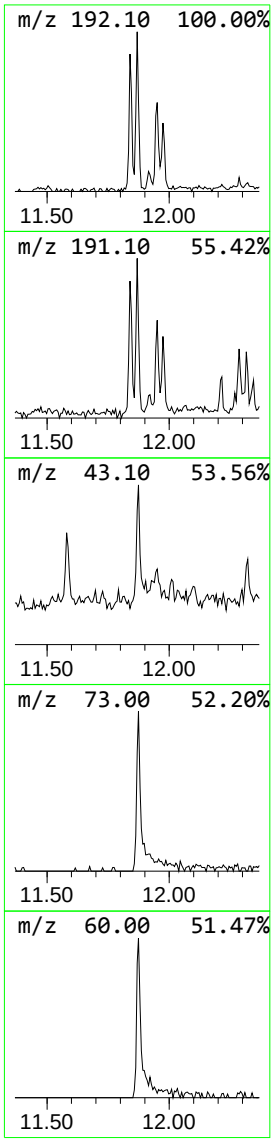
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	3.10 ng	116774	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

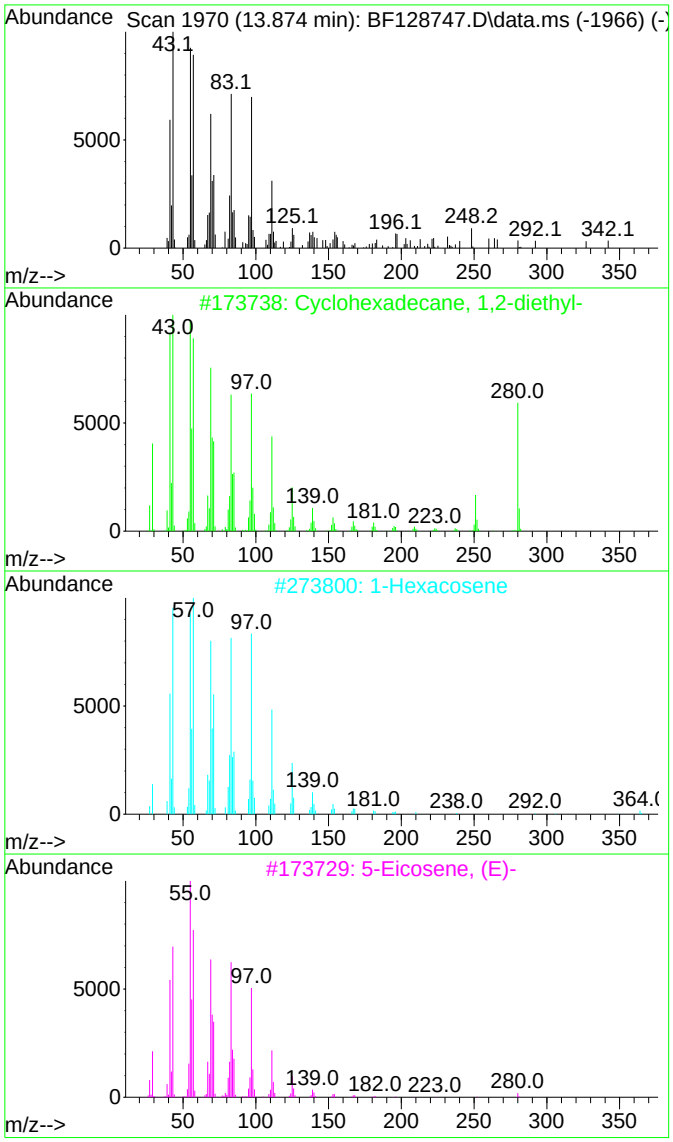
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

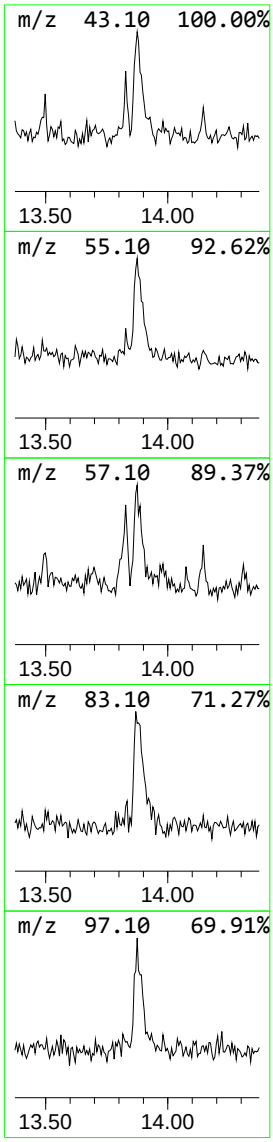
****

Peak Number 5 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.70 ng	114092	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
2	1-Hexacosene	364	C26H52	018835-33-1	86
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	76
5	1-Eicosene	280	C20H40	003452-07-1	76





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Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

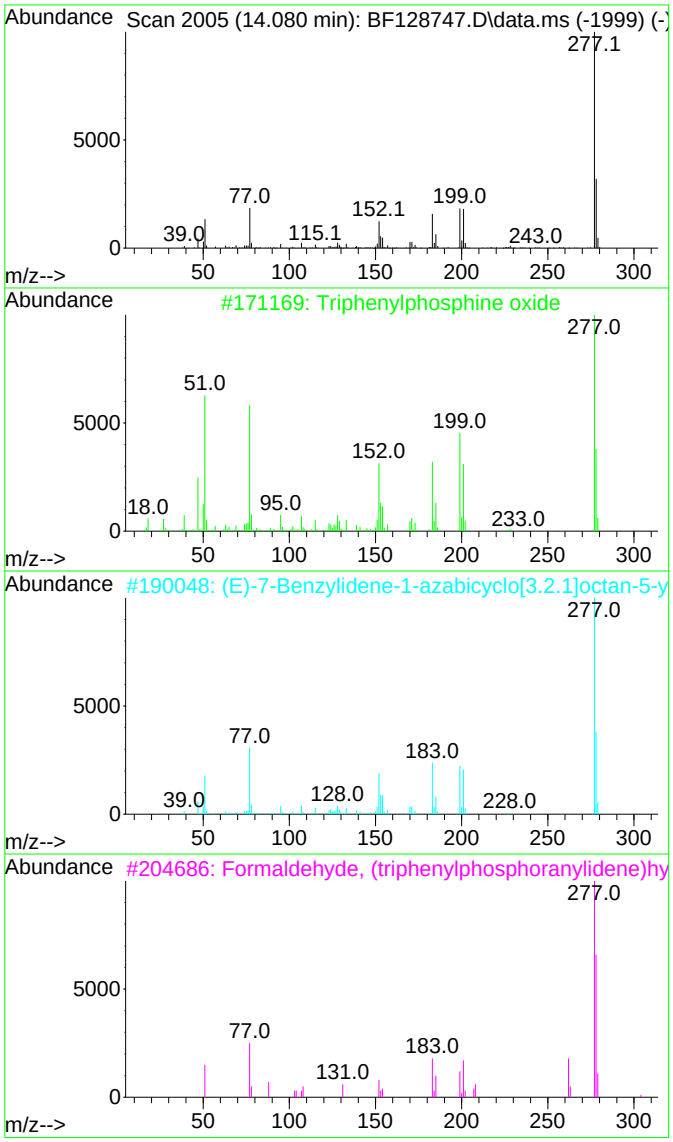
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

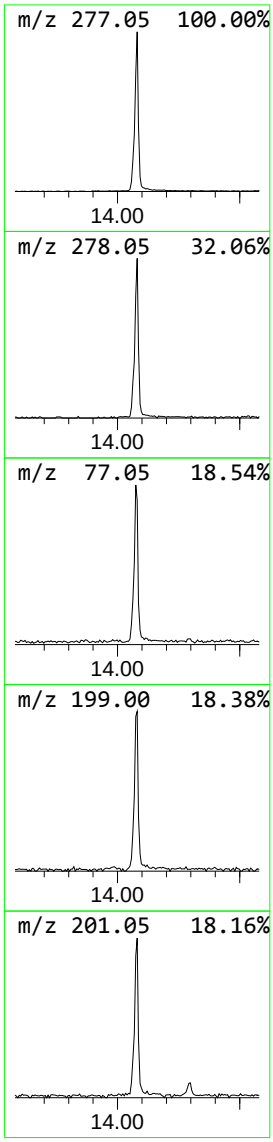
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	13.22 ng	320530	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	28





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Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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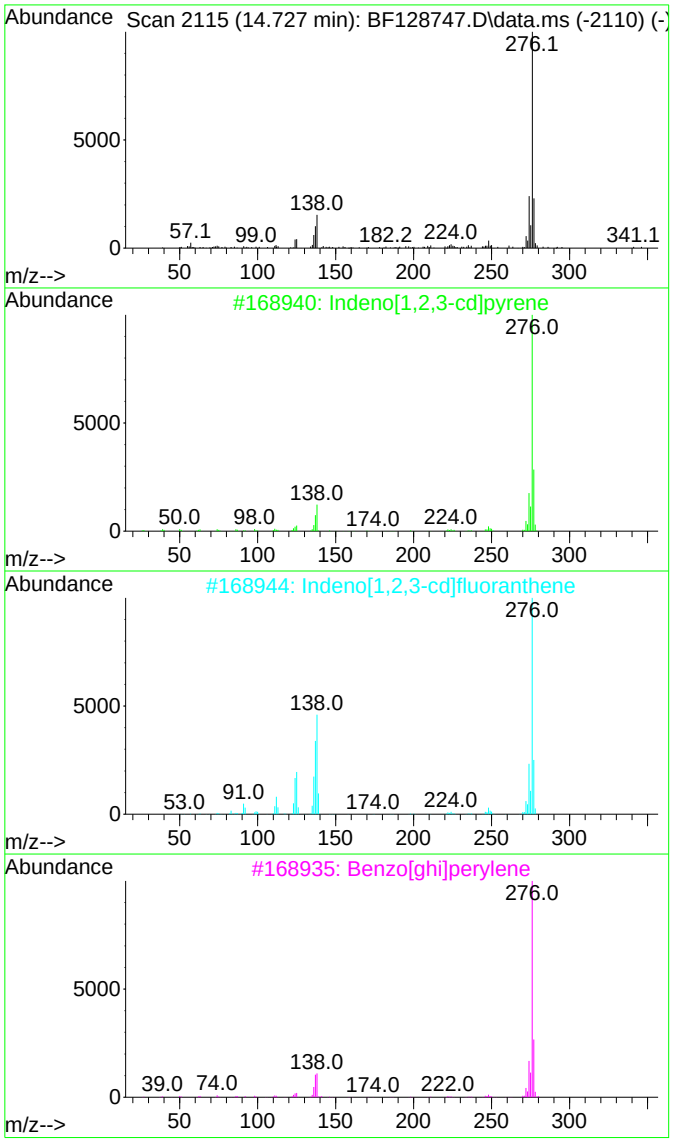
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

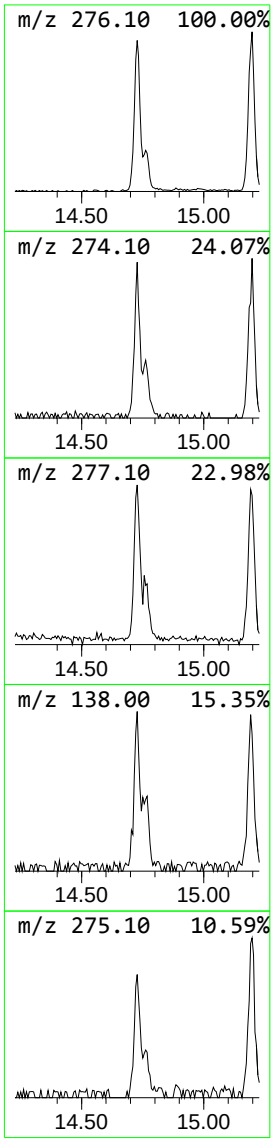
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indeno[1,2,3-cd]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	5.79 ng	128258	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	94
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
5	Boron, (2-benzimidoylpropiopheno...	305	C20H24BNO	021205-45-8	50





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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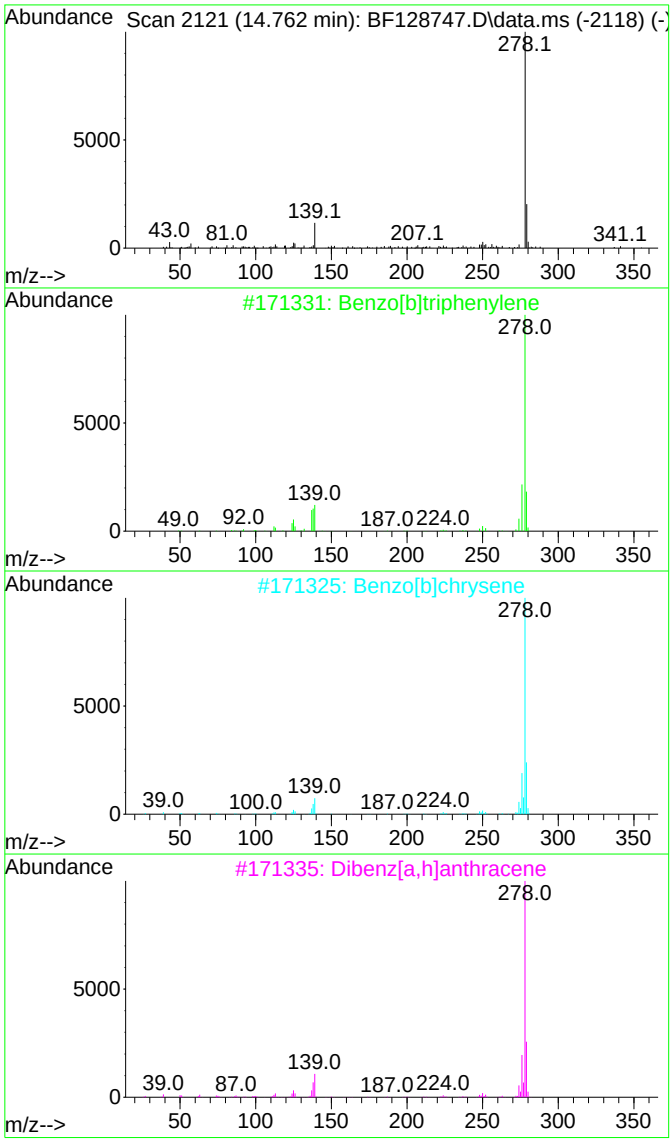
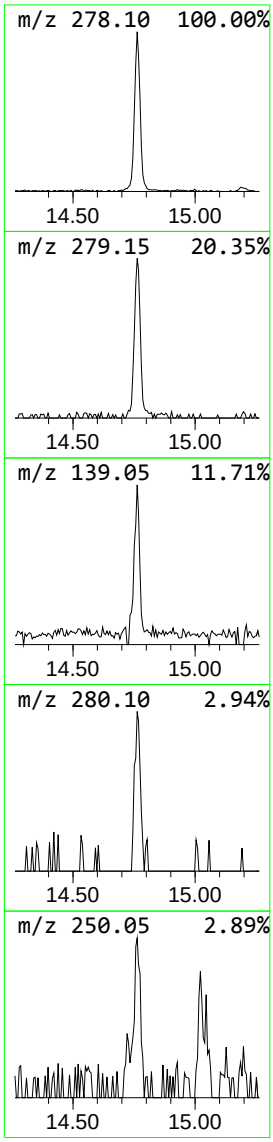
Peak Number 8 Benzo[b]triphenylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	7.53 ng	166663	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Benzo[b]chrysene	278	C22H14	000214-17-5	91
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5	Picene	278	C22H14	000213-46-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

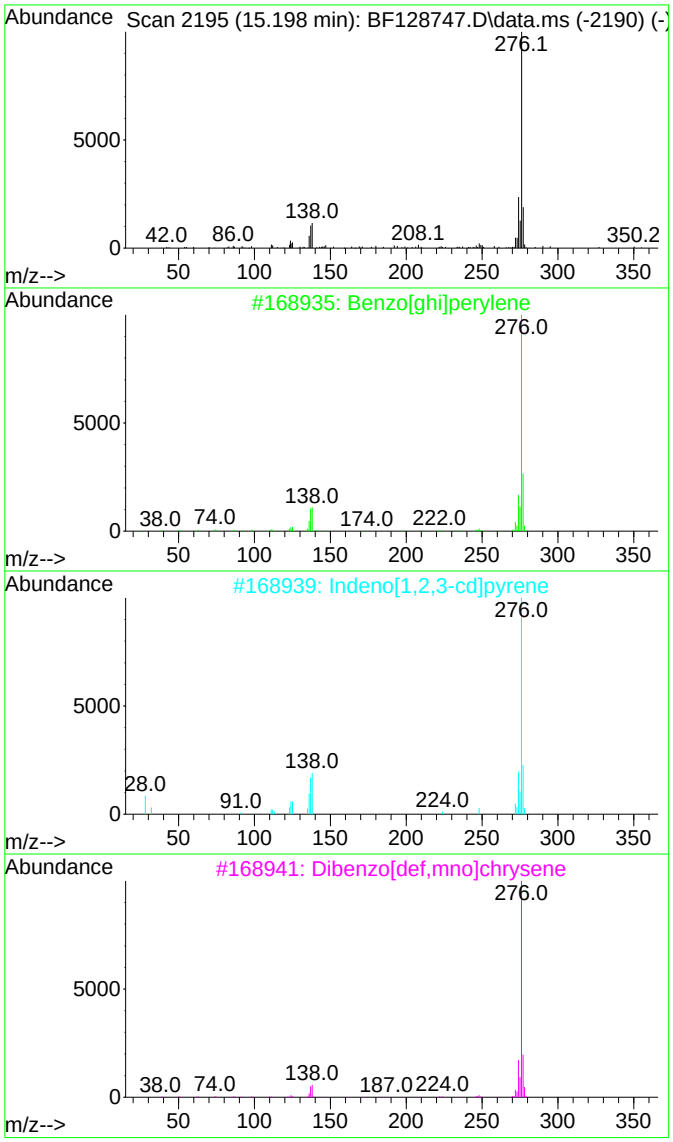
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

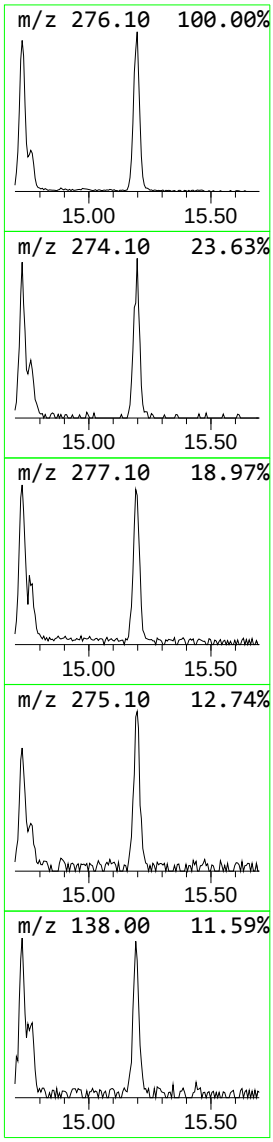
****

Peak Number 9 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	6.56 ng	145303	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	81
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128747.D
Acq On : 09 Jun 2022 14:14
Operator : CG\JU
Sample : N3234-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21499

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Tridecane, 3-me...	10.504	2.4	ng	93253	3	9.851	764552	20.0
Decane, 2-methyl-	10.769	4.4	ng	164519	4	11.339	753507	20.0
Dodecane	11.233	3.9	ng	145532	4	11.339	753507	20.0
Anthracene, 2-m...	11.868	3.1	ng	116774	4	11.339	753507	20.0
Cyclohexadecane...	13.874	4.7	ng	114092	5	13.986	485040	20.0
Triphenylphosph...	14.080	13.2	ng	320530	5	13.986	485040	20.0
Indeno[1,2,3-cd...	14.727	5.8	ng	128258	6	15.445	442751	20.0
Benzo[b]triphen...	14.762	7.5	ng	166663	6	15.445	442751	20.0
Dibenzo[def,mno...	15.198	6.6	ng	145303	6	15.445	442751	20.0