LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130654.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.745	448	452	464	rBV	190542	228446	4.56%	0.611%
2	5.187	523	527	534	rBV	864655	926484	18.50%	2.477%
3	6.234	700	705	718	rBV	1062323	990469	19.78%	2.648%
4	6.410	732	735	741	rBV2	73832	96834	1.93%	0.259%
5	6.586	762	765	772	rVB	601464	495300	9.89%	1.324%
6	7.157	858	862	865	rBV	699684	593689	11.86%	1.587%
7	7.192	865	868	871	rVB	108353	88576	1.77%	0.237%
8	7.275	878	882	885	rBV	142040	120253	2.40%	0.321%
9	7.386	898	901	904	rVB	63668	52623	1.05%	0.141%
10	7.610	933	939	940	rBV4	41661	58143	1.16%	0.155%
11	7.669	947	949	952	rBV2	68151	57577	1.15%	0.154%
12	7.810	970	973	977	rBV4	37806	69349	1.38%	0.185%
13	7.869	977	983	986	rVV	818197	748189	14.94%	2.000%
14	8.157	1028	1032	1035	rBV3	60012	68728	1.37%	0.184%
15	8.251	1045	1048	1051	rBV4	54935	55338	1.11%	0.148%
16	8.375	1066	1069	1071	rBV3	60596	57696	1.15%	0.154%
17	8.469	1082	1085	1087	rBV3	95134	94621	1.89%	0.253%
18	8.692	1120	1123	1127	rBV4	114654	104084	2.08%	0.278%
19	8.851	1148	1150	1152	rBV2	68417	52941	1.06%	0.142%
20	8.880	1152	1155	1161	rBV6	88103	142026	2.84%	0.380%
21	8.945	1161	1166	1169	rBV	1458730	1151519	23.00%	3.078%
22	9.016	1174	1178	1179	rBV2	195302	221108	4.42%	0.591%
23	9.251	1215	1218	1220	rBV3	157881	186840	3.73%	0.499%
24	9.322	1228	1230	1232	rBV	225510	137049	2.74%	0.366%
25	9.351	1232	1235	1237	rBV2	192906	179852	3.59%	0.481%
26	9.374	1237	1239	1243	rVV4	255531	256480	5.12%	0.686%
27	9.480	1254	1257	1259	rBV3	250226	281615	5.62%	0.753%
28	9.527	1262	1265	1268	rVB2	573338	519625	10.38%	1.389%
29	9.563	1268	1271	1274	rBV2	331166	325579	6.50%	0.870%
30	9.598	1274	1277	1278	rBV2	424879	429612	8.58%	1.148%
31	9.622	1278	1281	1285	rVB2	847638	1090710	21.78%	2.916%
32	9.886	1324	1326	1330	rBV3	293072	283584	5.66%	0.758%
33	10.022	1347	1349	1352	rBV	546174	496604	9.92%	1.328%
34	10.069	1354	1357	1360	rVV	469257	494560	9.88%	1.322%
35	10.292	1391	1395	1397	rBV	747319	909503	18.16%	2.431%
36	10.410	1412	1415	1419	rBV3	795951	1101771	22.00%	2.945%

LSC Area Percent Report

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Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.563	1435	1441	1445	rBV	1479974	2548868	50.90%	6.814%
38	11.027	1518	1520	1523	rVB	1423346	1206056	24.09%	3.224%
39	12.574	1781	1783	1786	rVB	435291	331329	6.62%	0.886%
40	12.692	1800	1803	1811	rVB	1232924	1406253	28.08%	3.759%
41	13.180	1883	1886	1893	rVB3	796407	1092001	21.81%	2.919%
42	13.262	1898	1900	1903	rVB	412537	350094	6.99%	0.936%
43	13.592	1953	1956	1965	rVB2	354297	601517	12.01%	1.608%
44	13.733	1977	1980	1984	rBV	636296	559288	11.17%	1.495%
45	13.857	1999	2001	2006	rVV	514686	497659	9.94%	1.330%
46	13.904	2006	2009	2012	rVB	413241	346528	6.92%	0.926%
47	14.009	2025	2027	2033	rVB	211667	250848	5.01%	0.671%
48	14.204	2057	2060	2064	rVB	296184	294210	5.88%	0.787%
49	14.368	2085	2088	2090	rBV	166265	177151	3.54%	0.474%
50	14.392	2090	2092	2096	rVB	317592	334223	6.67%	0.893%
51	14.486	2103	2108	2115	rVB	711881	1122059	22.41%	3.000%
52	14.562	2118	2121	2125	rVB3	75457	104591	2.09%	0.280%
53	14.768	2152	2156	2159	rBV	451246	577536	11.53%	1.544%
54	15.004	2192	2196	2199	rBV2	136489	161406	3.22%	0.431%
55	15.104	2209	2213	2215	rBV	463320	524434	10.47%	1.402%
56	15.139	2215	2219	2223	rVV2	502753	846203	16.90%	2.262%
57	15.192	2223	2228	2235	rVB	371663	646886	12.92%	1.729%
58	15.504	2277	2281	2285	rBV2	75524	94872	1.89%	0.254%
59	15.703	2309	2315	2325	rVV	302091	589245	11.77%	1.575%
60	15.815	2329	2334	2346	rVB2	104709	254742	5.09%	0.681%
61	15.945	2351	2356	2359	rBV2	81417	147141	2.94%	0.393%
62	15.998	2359	2365	2370	rBV	311712	548884	10.96%	1.467%
63	16.327	2414	2421	2432	rBV	263680	603667	12.06%	1.614%
64	16.915	2515	2521	2526	rBV4	46444	108532	2.17%	0.290%
65	17.109	2547	2554	2559	rBV3	186689	506223	10.11%	1.353%
66	18.103	2712	2723	2736	rVB2	193445	776223	15.50%	2.075%
67	18.421	2764	2777	2794	rVB	374234	1342587	26.81%	3.589%
68	18.692	2806	2823	2837	rBV2	1377927	5007254	100.00%	13.386%
69	18.827	2839	2846	2856	rVV2	90743	280827	5.61%	0.751%

Sum of corrected areas: 37406714

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
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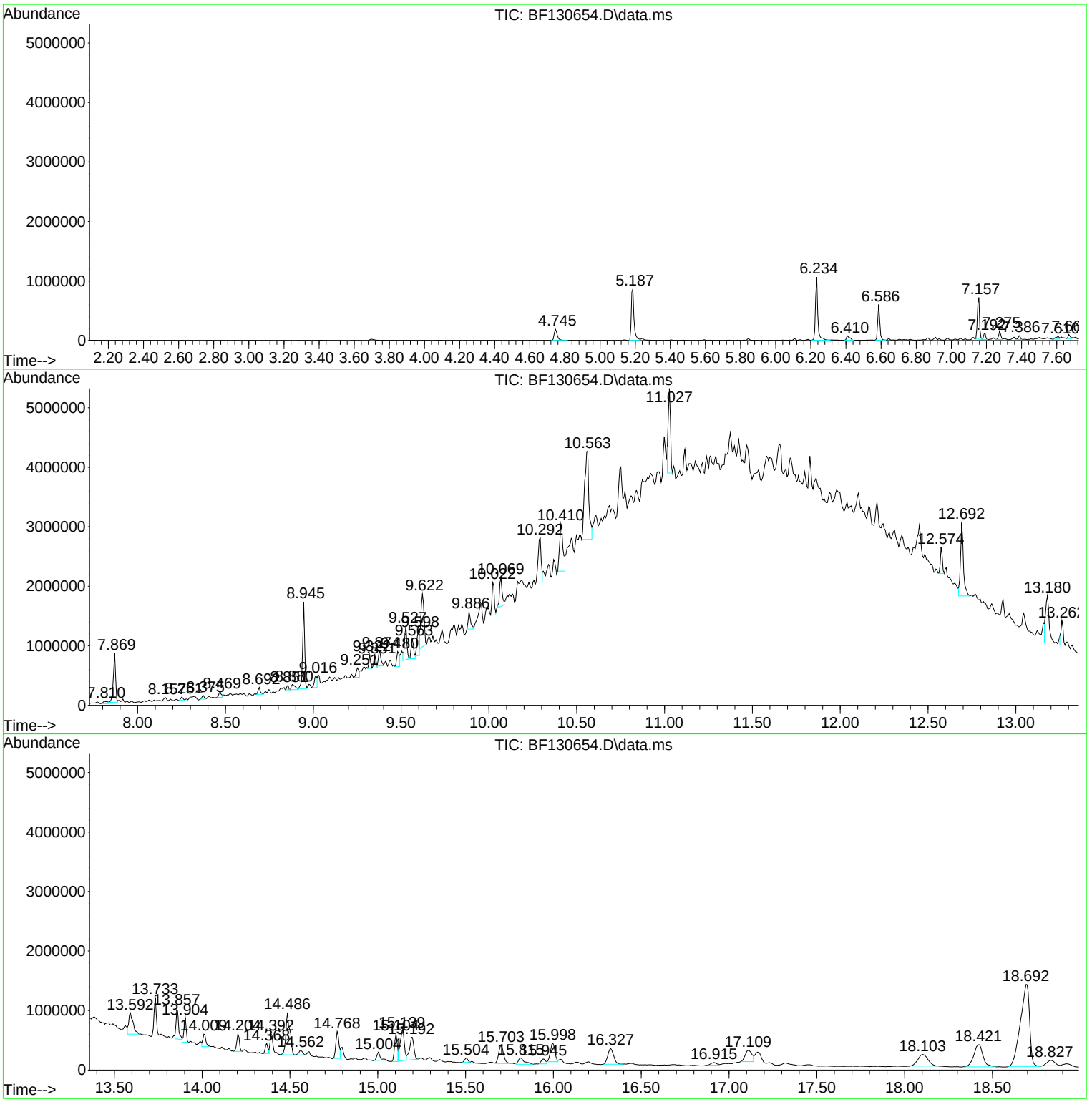
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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\BF101322\
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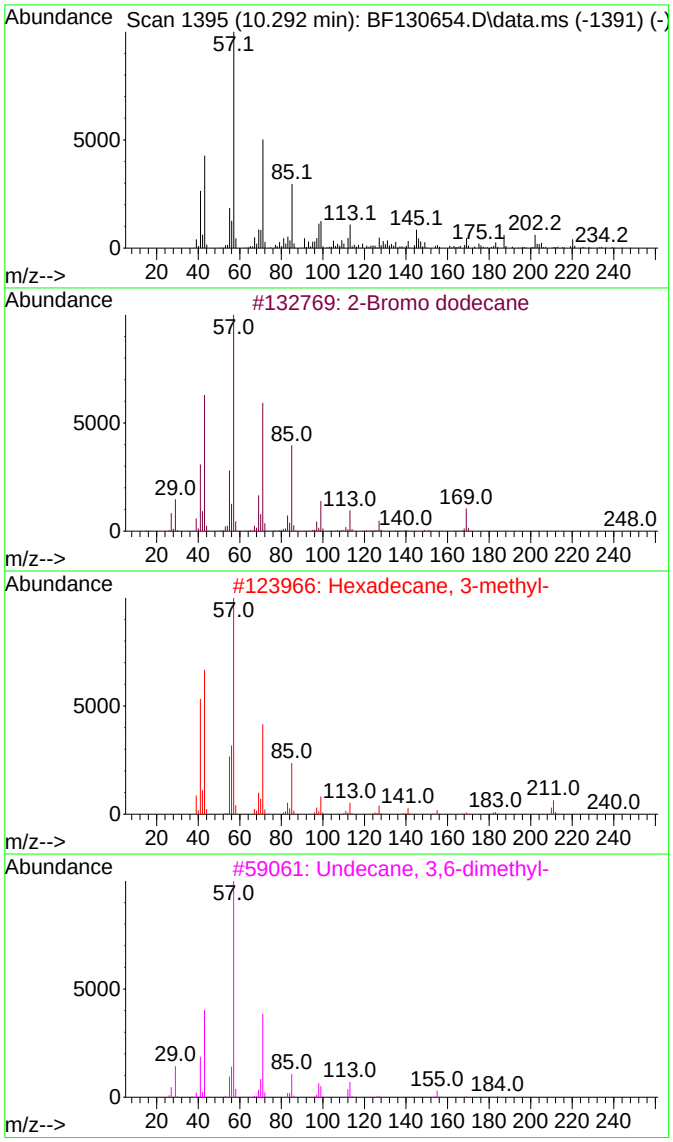
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

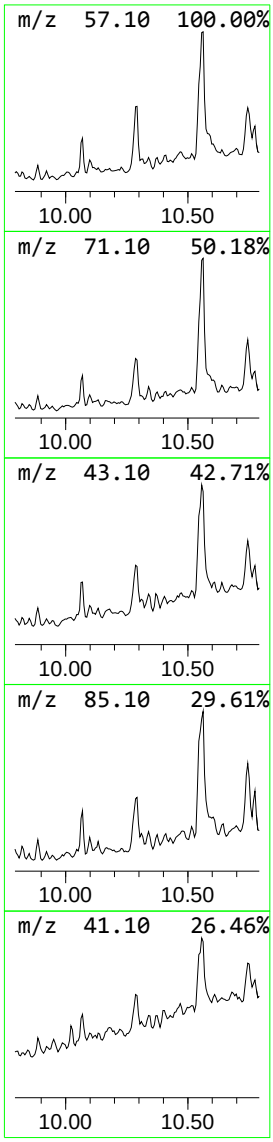
****

Peak Number 1 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	16.68 ng	909503	Acenaphthene-d10	9.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5	Hexadecane	226	C16H34	000544-76-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

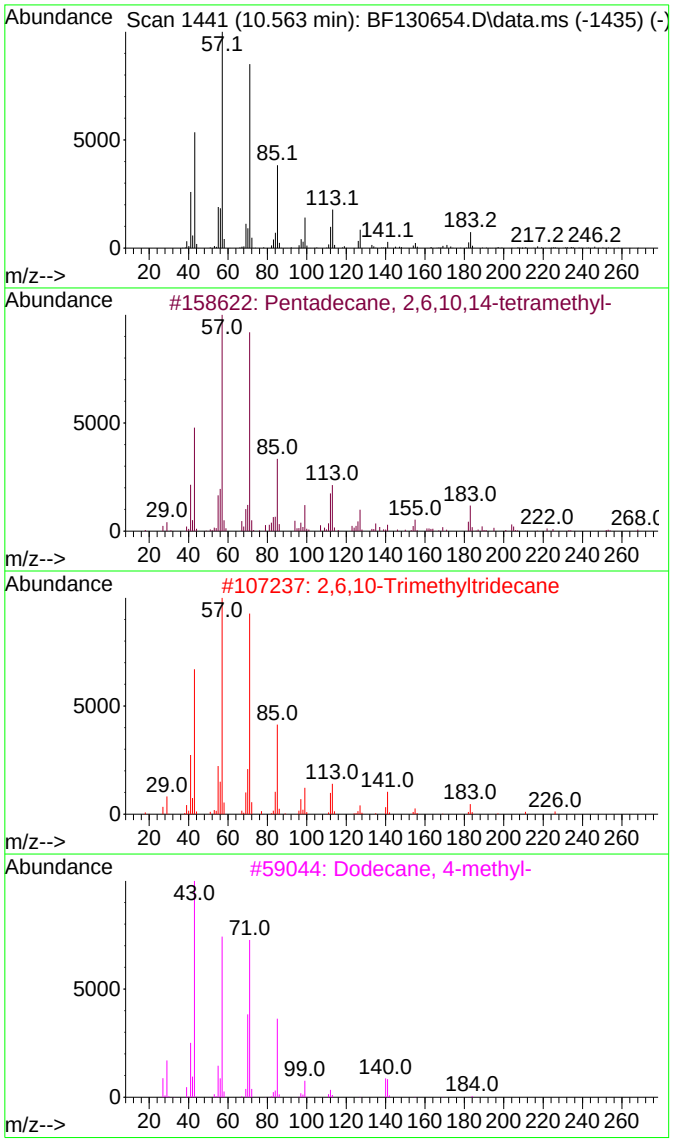
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

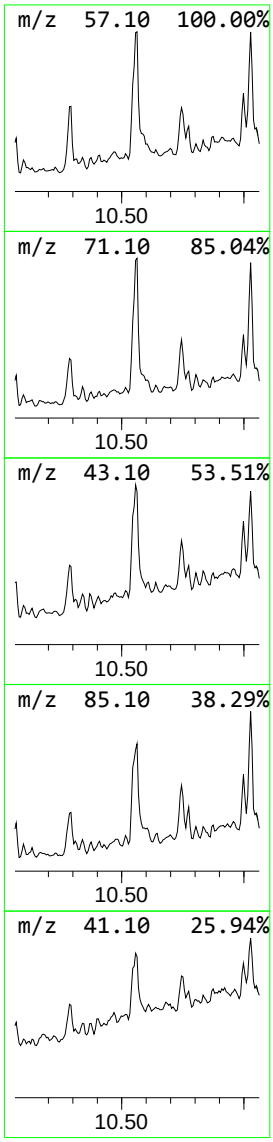
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	42.27 ng	2548870	Phenanthrene-d10	11.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Hexadecane	226	C16H34	000544-76-3	76
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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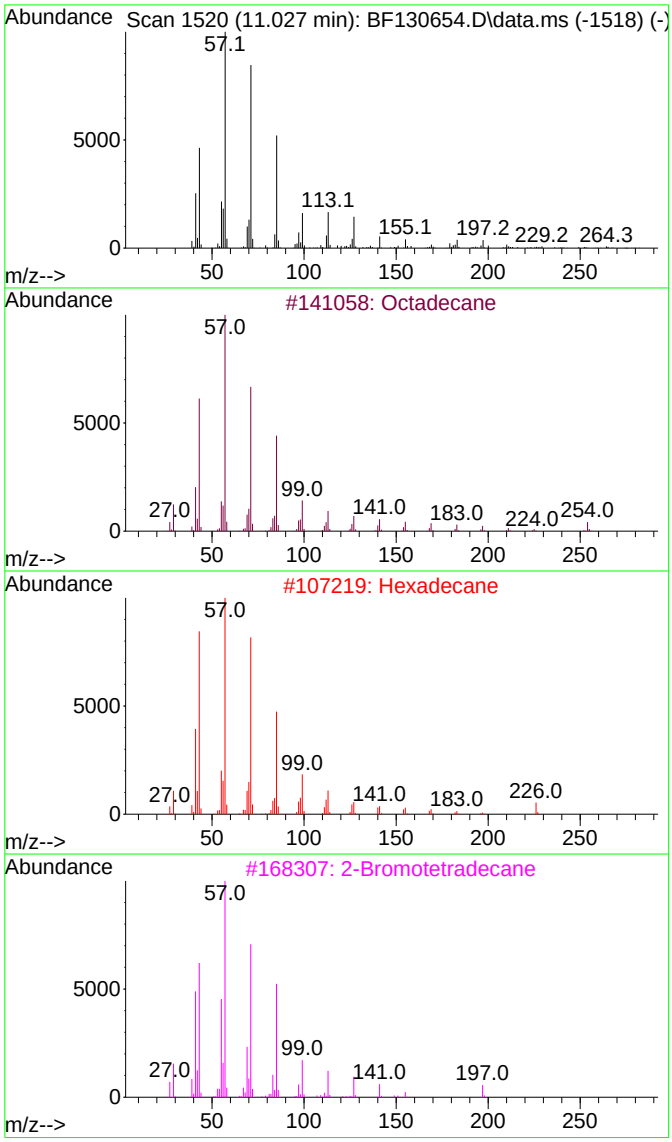
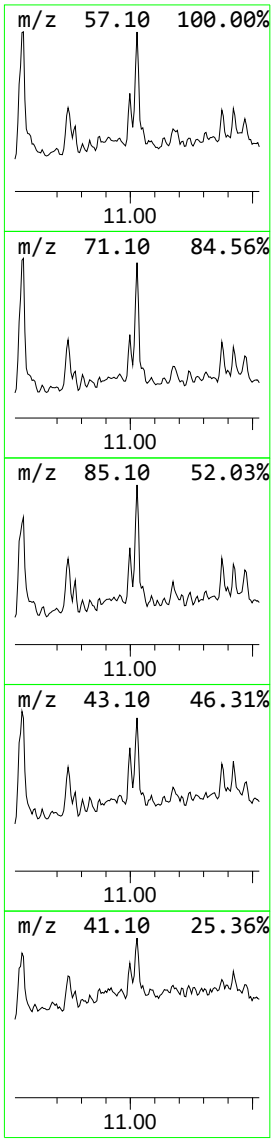
Peak Number 3 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	20.00 ng	1206060	Phenanthrene-d10	11.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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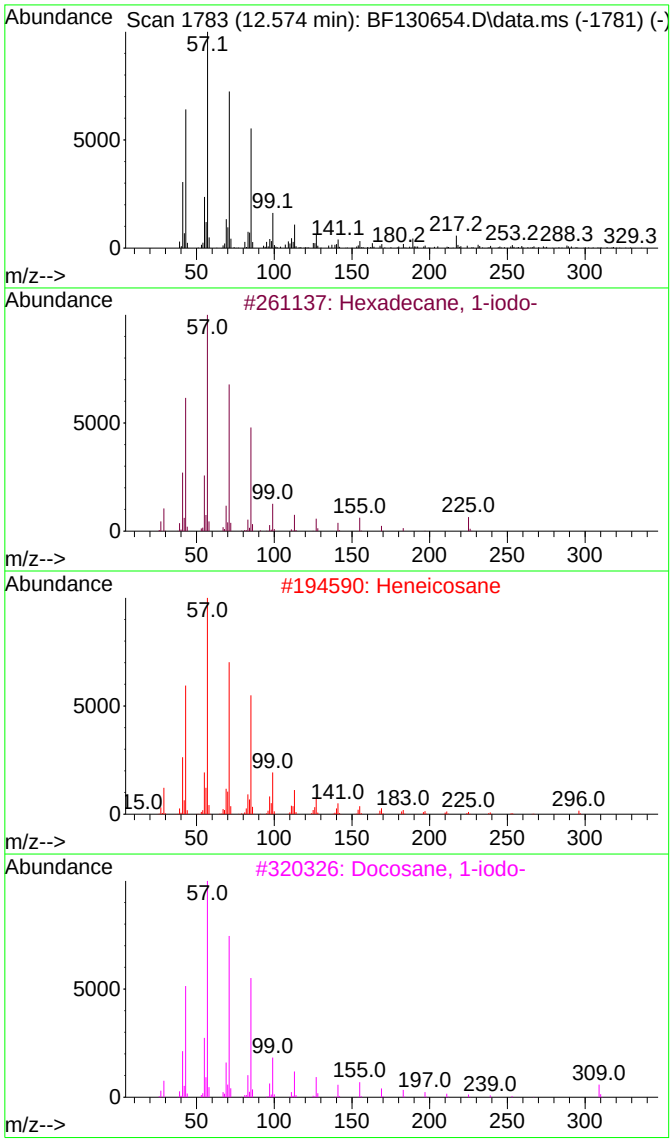
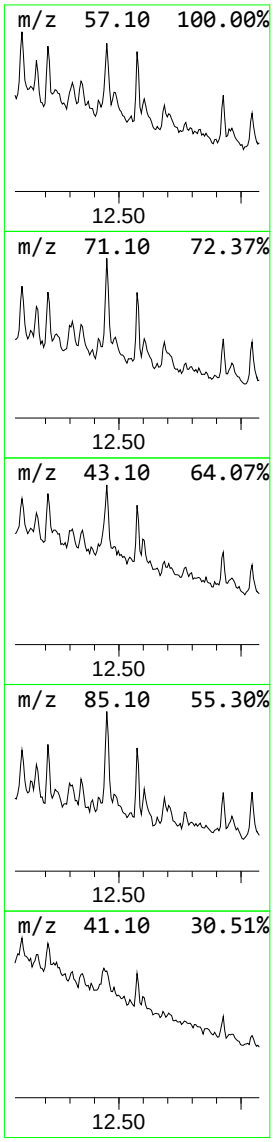
Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	11.85 ng	331329	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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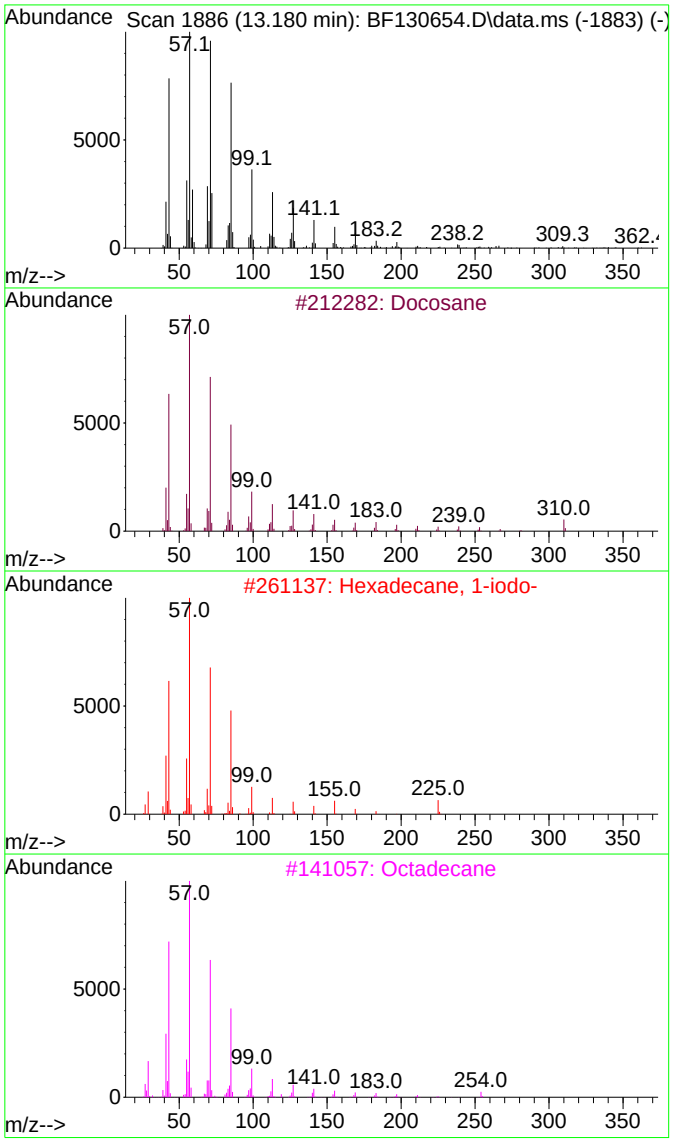
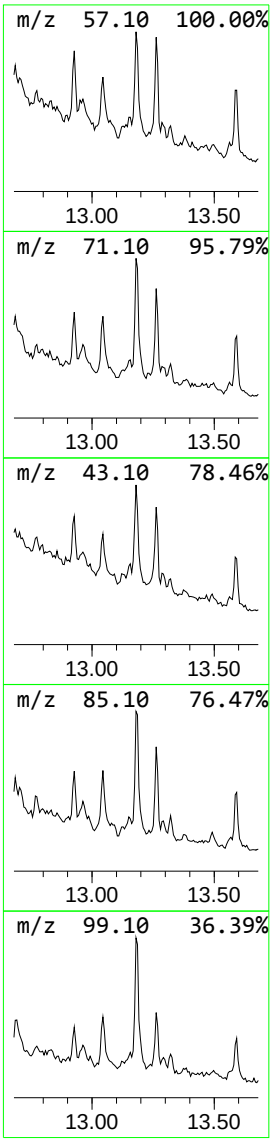
Peak Number 5 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	39.05 ng	1092000	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	64
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	59
3	Octadecane	254	C18H38	000593-45-3	59
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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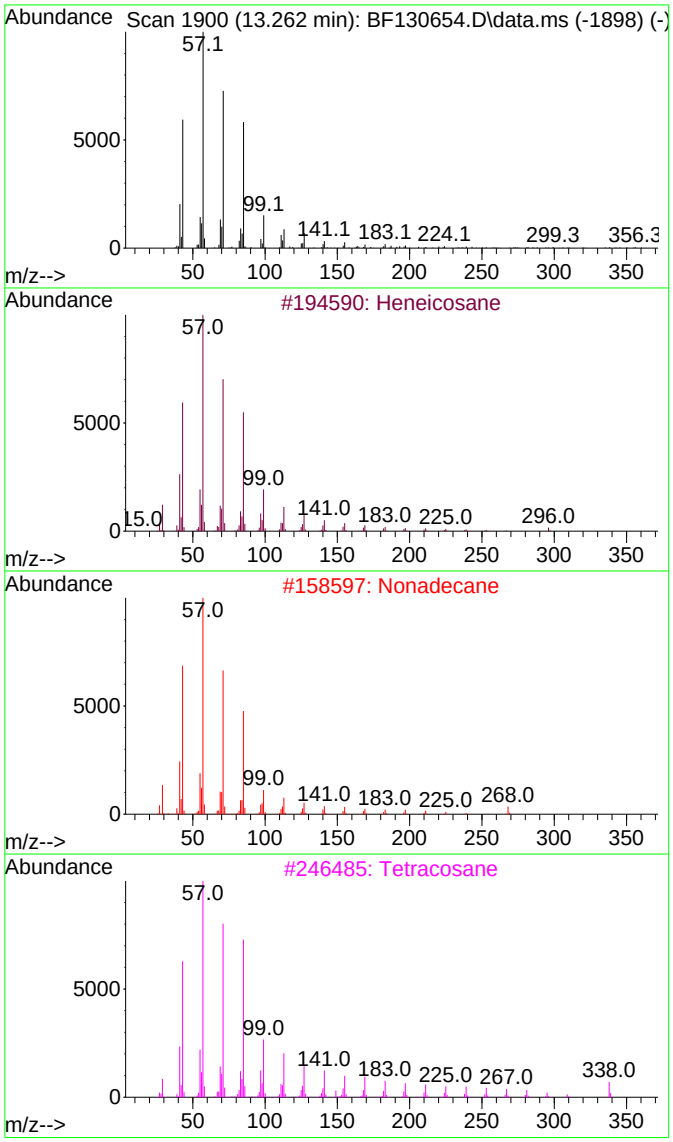
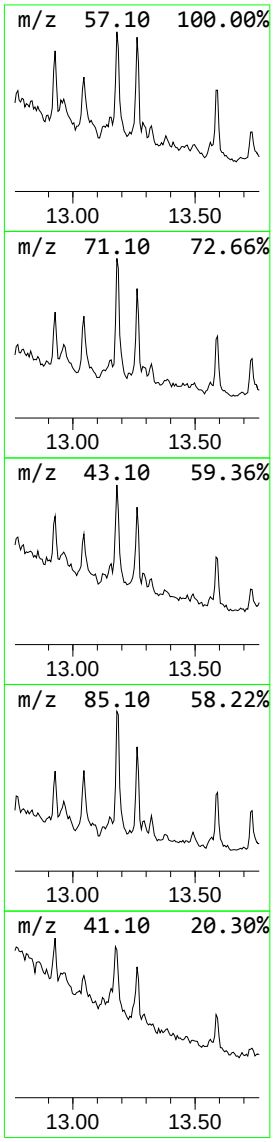
Peak Number 6 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	12.52 ng	350094	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetracosane	338	C24H50	000646-31-1	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	74
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

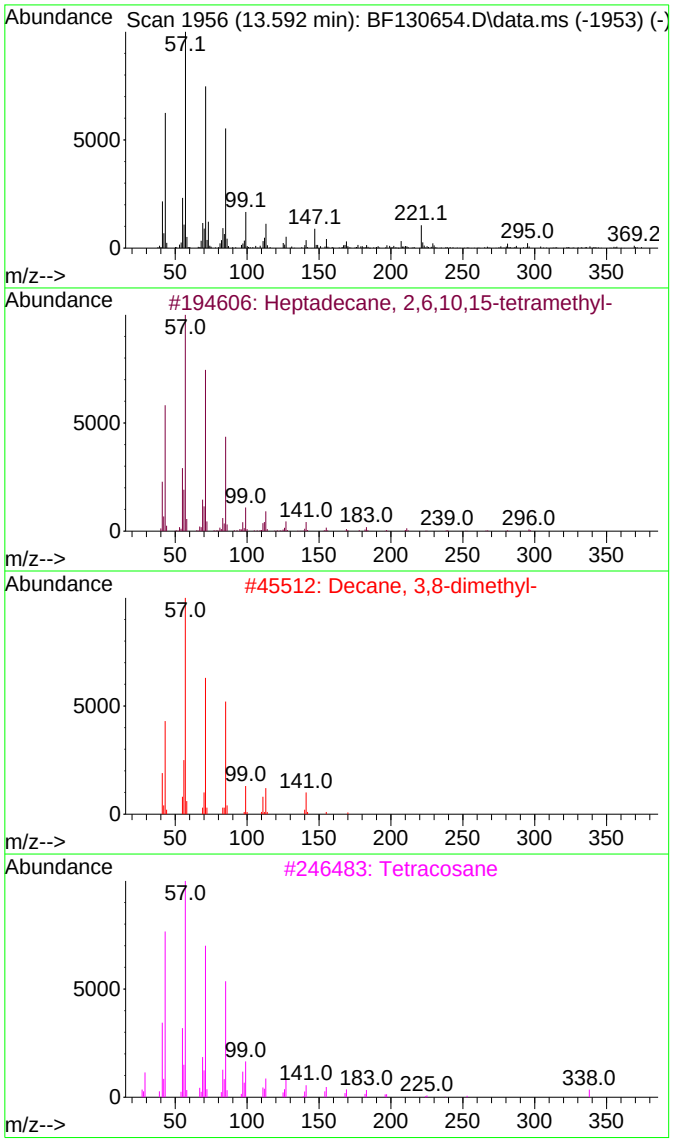
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

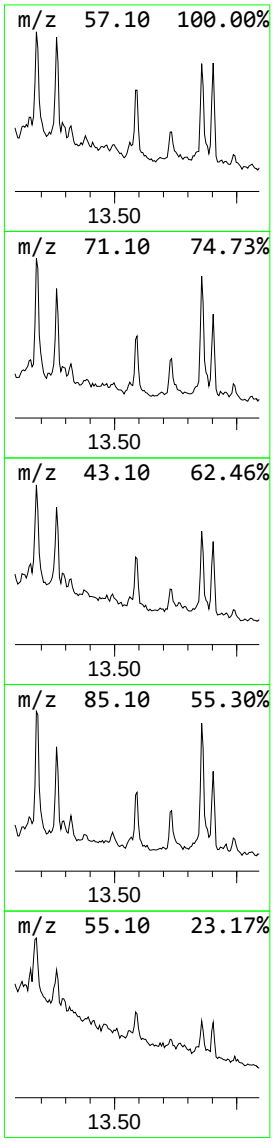
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	21.51 ng	601517	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Heptadecane	240	C17H36	000629-78-7	80





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Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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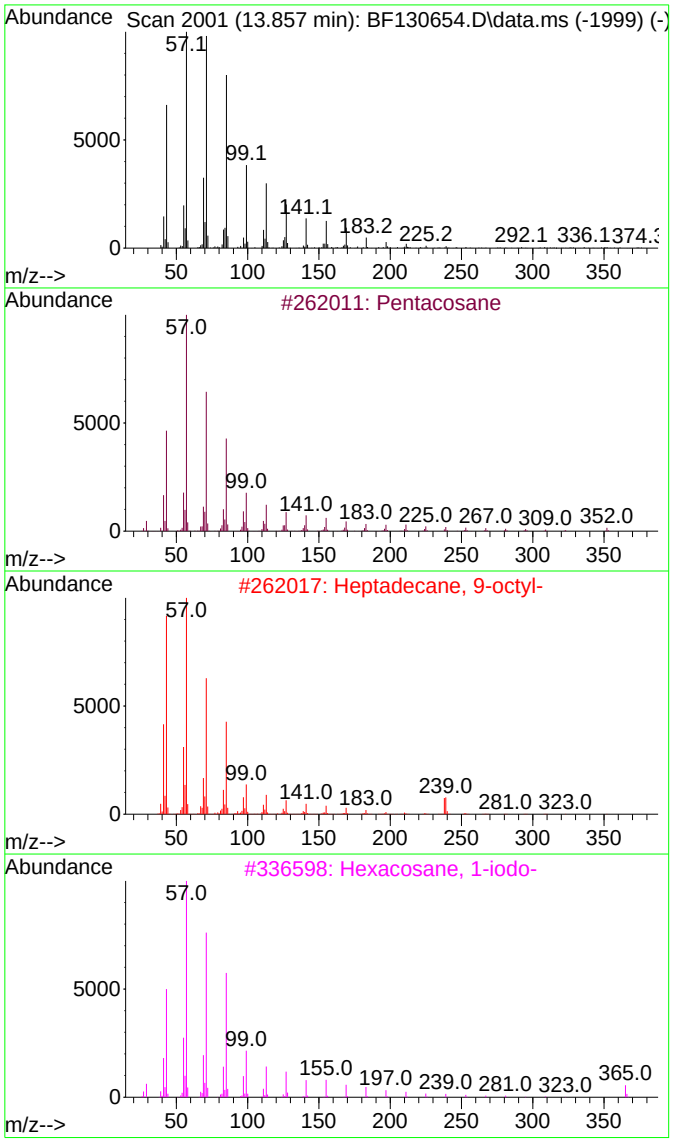
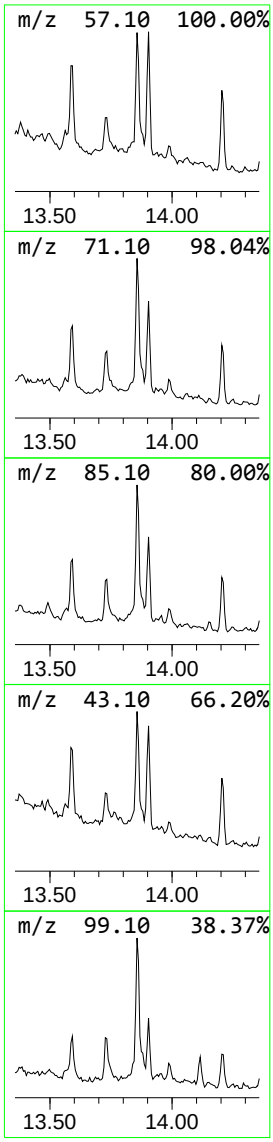
Peak Number 8 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	17.80 ng	497659	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
3	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50





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Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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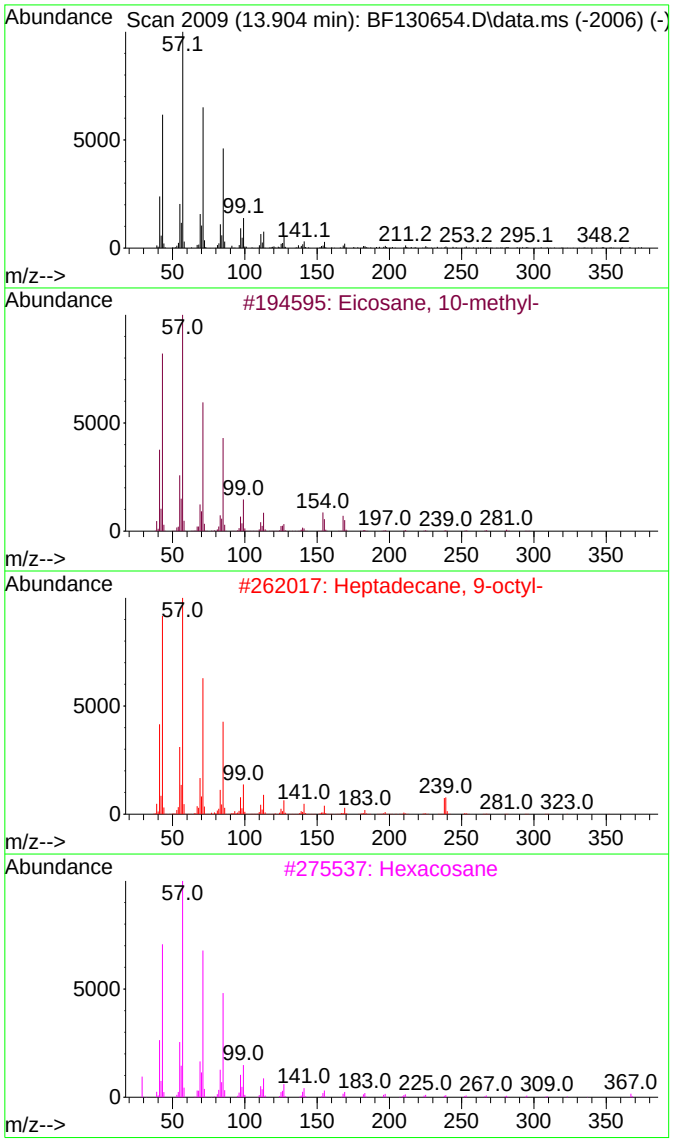
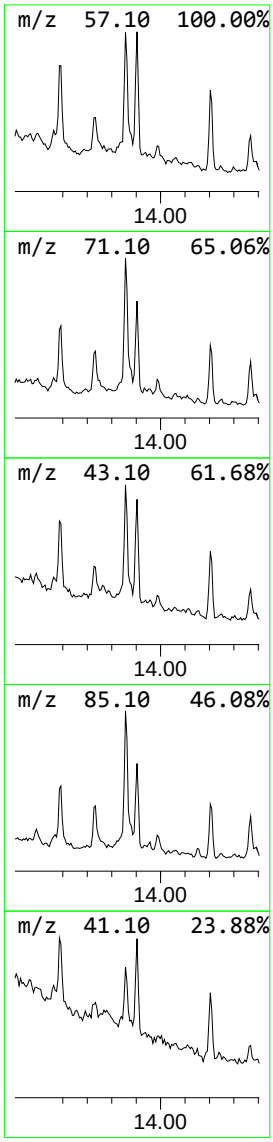
Peak Number 9 Eicosane, 10-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	12.39 ng	346528	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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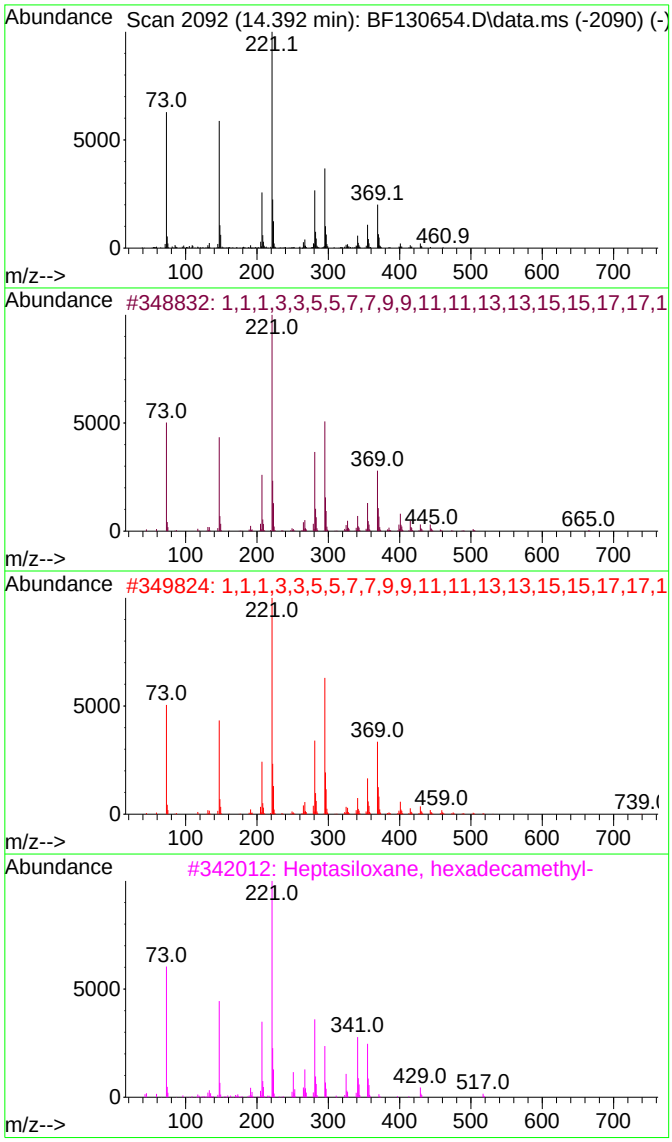
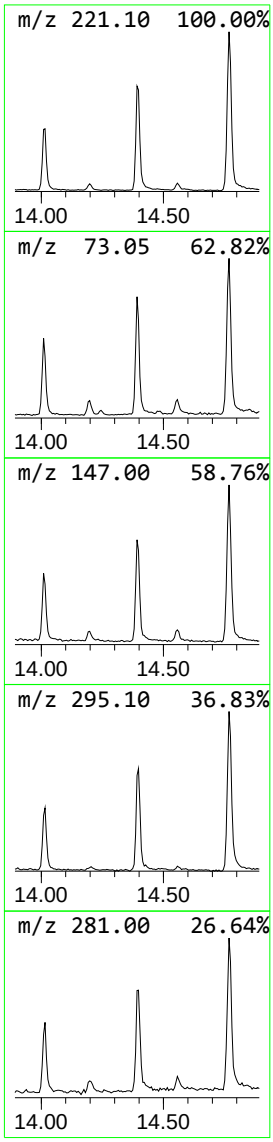
Peak Number 10 unknown14.392 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	11.95 ng	334223	Chrysene-d12	13.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	91
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	90
3	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	45
4	1H-Indole-2-carboxylic acid, 6-(...	369	C22H27NO4	1000316-17-3	43
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	43





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Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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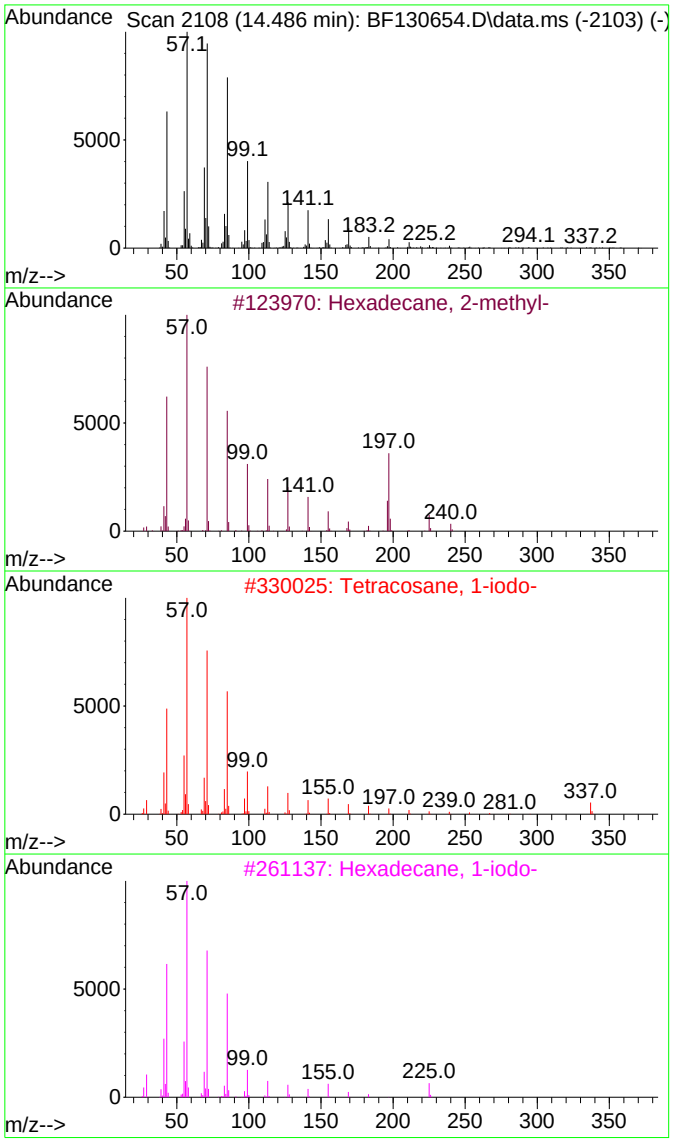
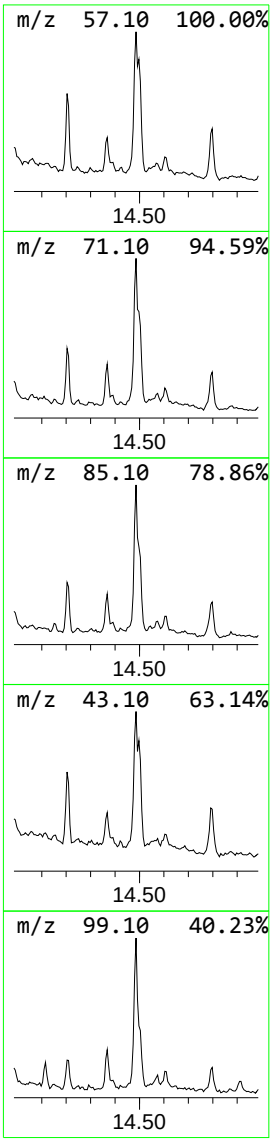
Peak Number 11 Hexadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	42.79 ng	1122060	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
2	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	68
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	59





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Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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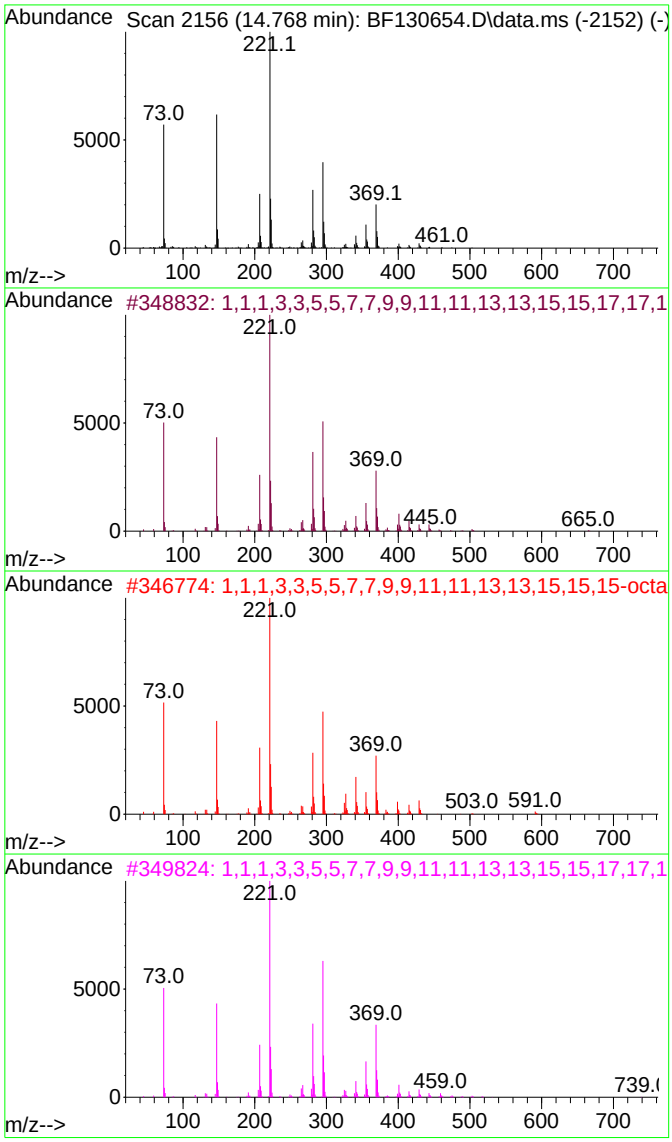
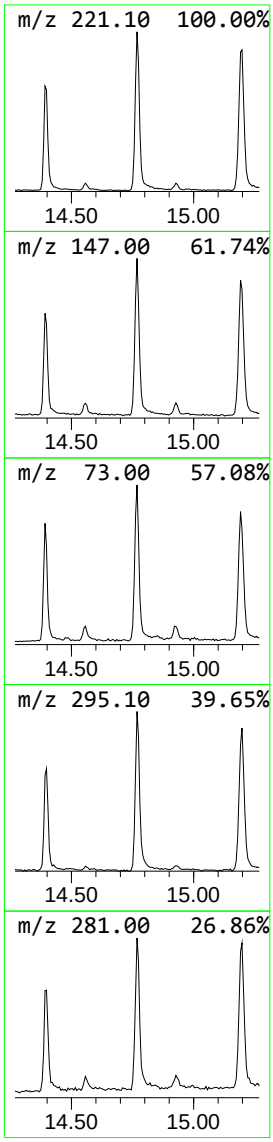
Peak Number 12 unknown14.768 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	22.03 ng	577536	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	90
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	78
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	58
4	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	38
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	38





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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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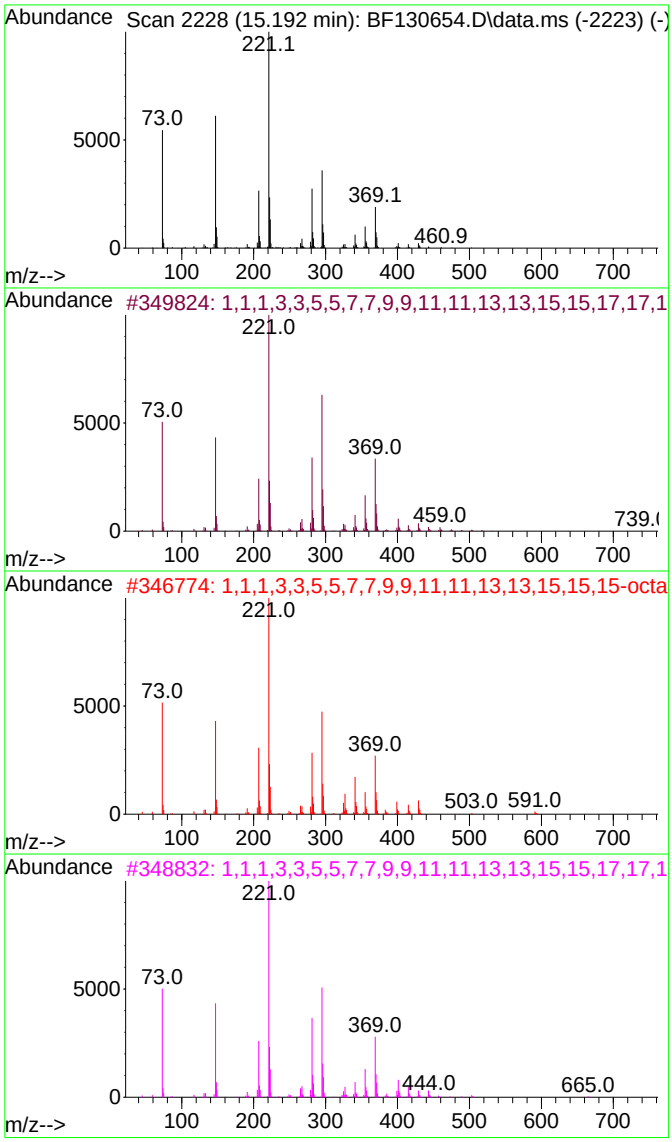
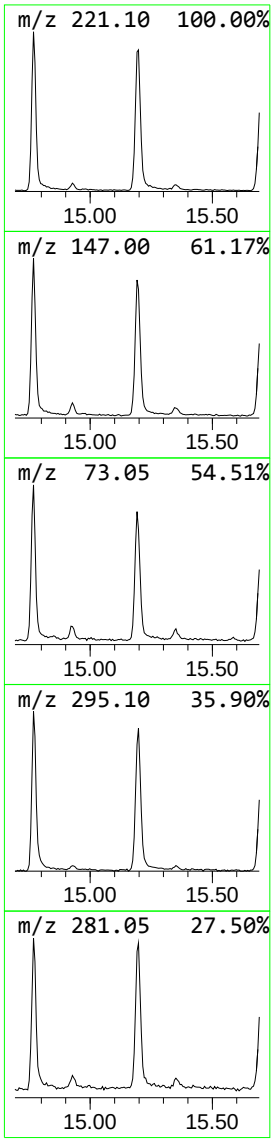
Peak Number 13 Heptasiloxane, hexadecamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	24.67 ng	646886	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	90
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	87
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	86
4	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	50
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	43





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Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

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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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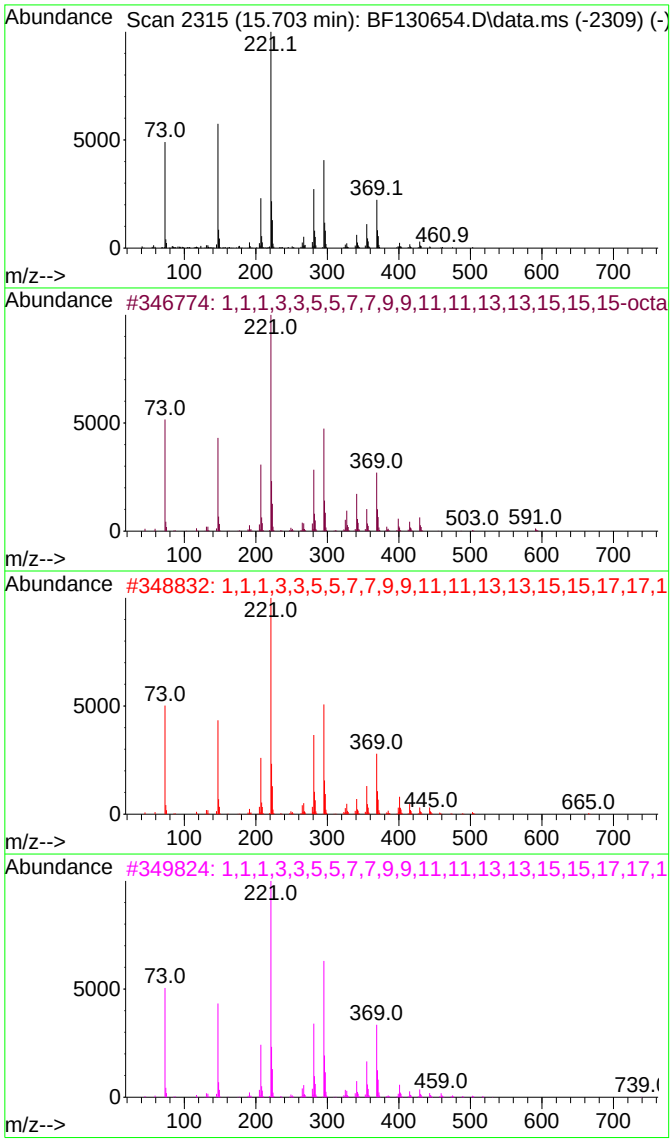
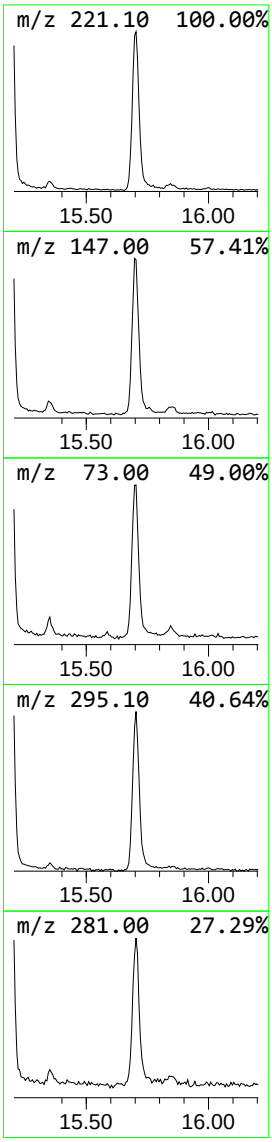
Peak Number 14 unknown15.704 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	22.47 ng	589245	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	87
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	86
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	52
4	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	38
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	38





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Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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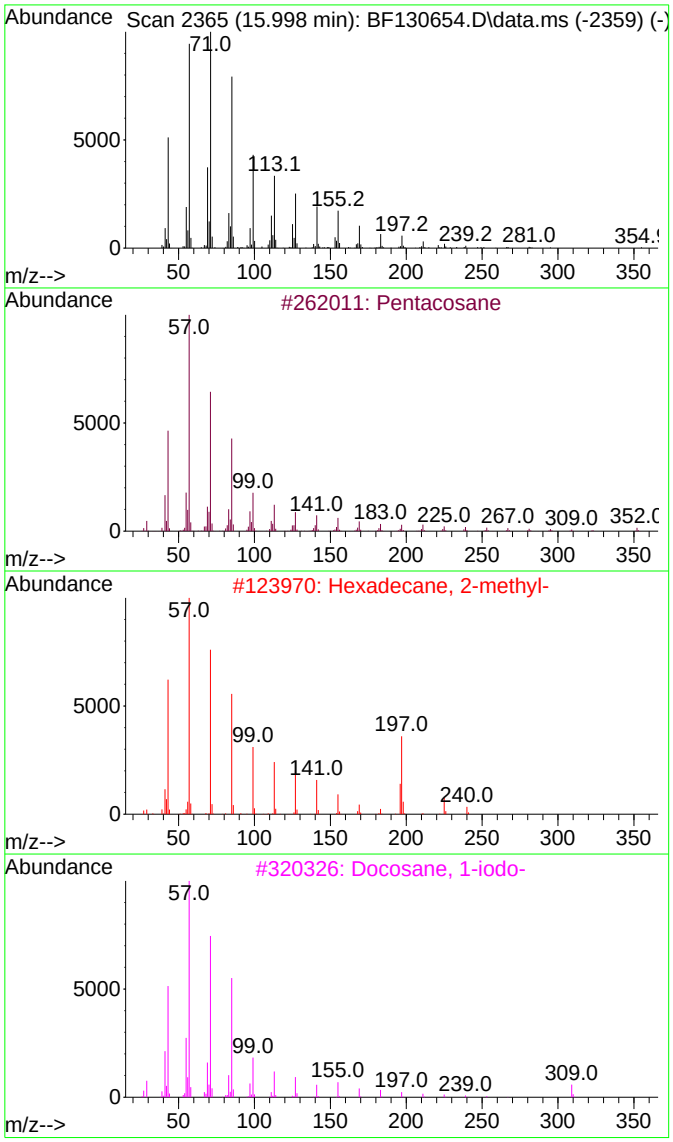
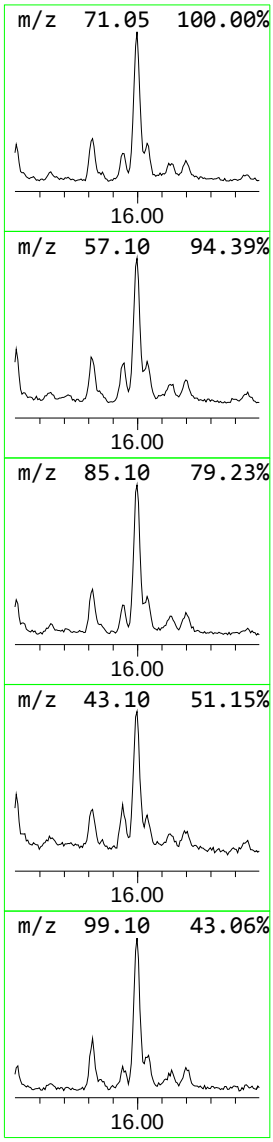
Peak Number 15 Docosane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	20.93 ng	548884	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46





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Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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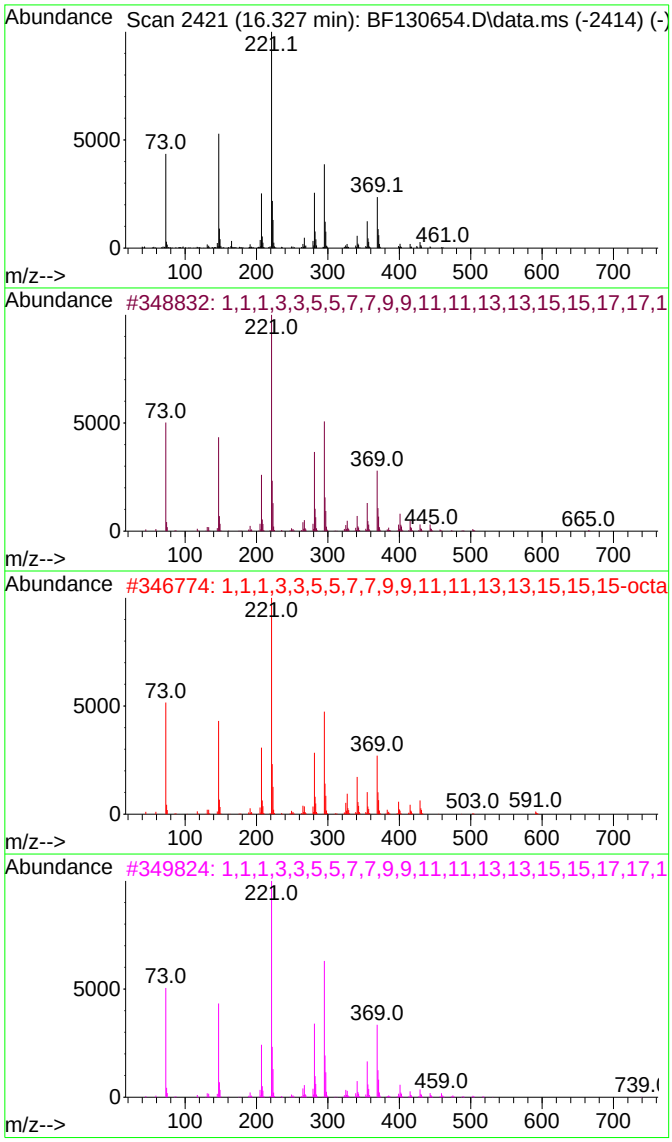
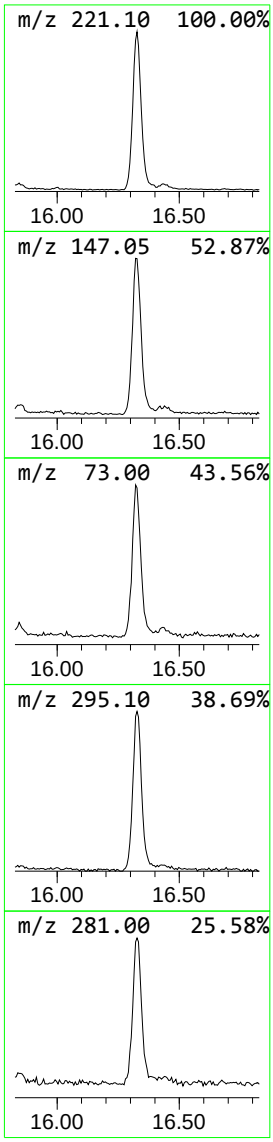
Peak Number 16 unknown16.327 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	23.02 ng	603667	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	90
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	87
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	58
4	1H-Indole-2-carboxylic acid, 6-(...	369	C22H27NO4	1000316-17-3	37
5	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	36





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Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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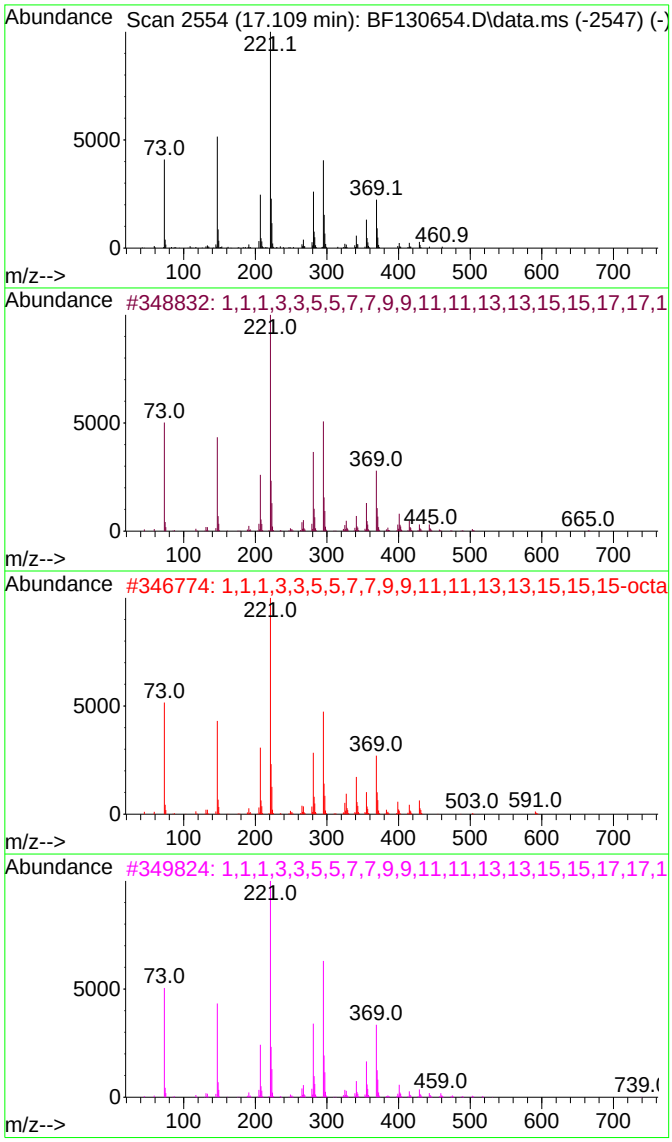
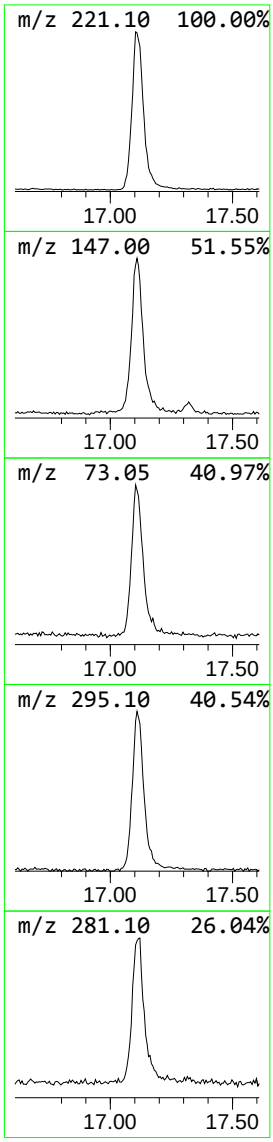
Peak Number 17 unknown17.109 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.109	19.31 ng	506223	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	91
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	78
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	49
4	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	40
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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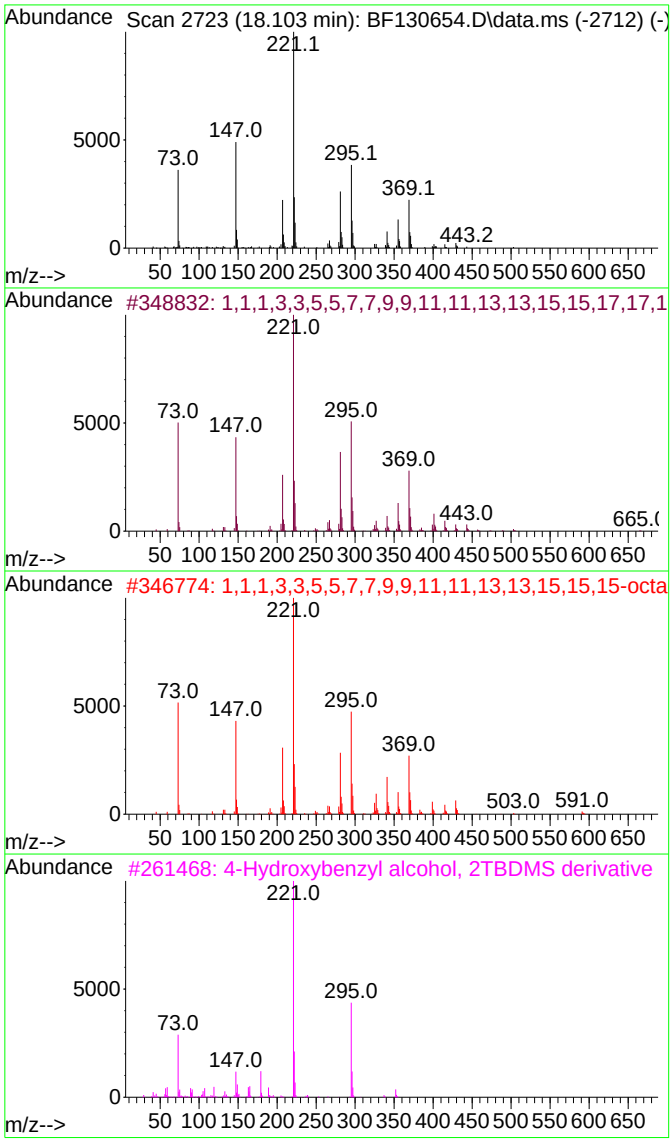
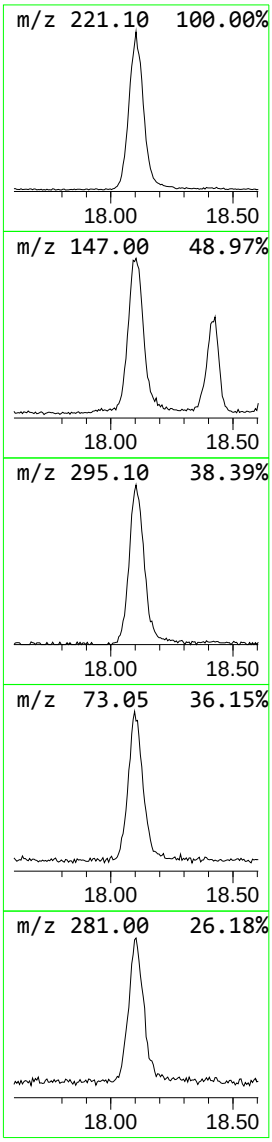
Peak Number 18 unknown18.103 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.103	29.60 ng	776223	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	87
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	72
3	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	50
4	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	47
5	9-(Methylaminomethyl)anthracene	221	C16H15N	073356-19-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

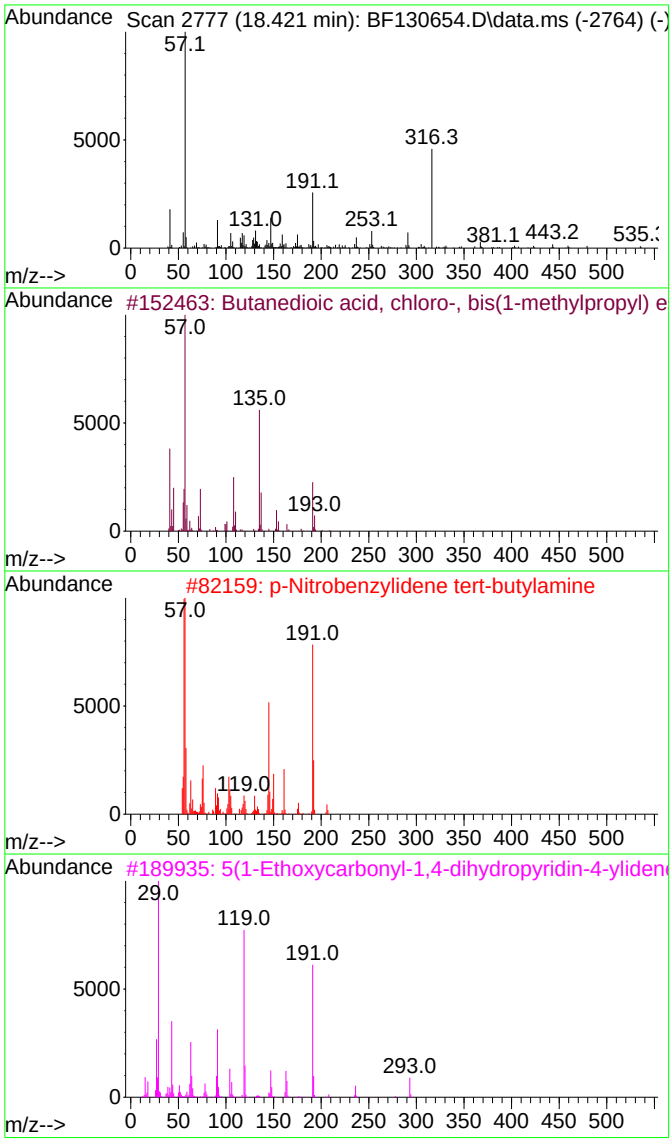
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

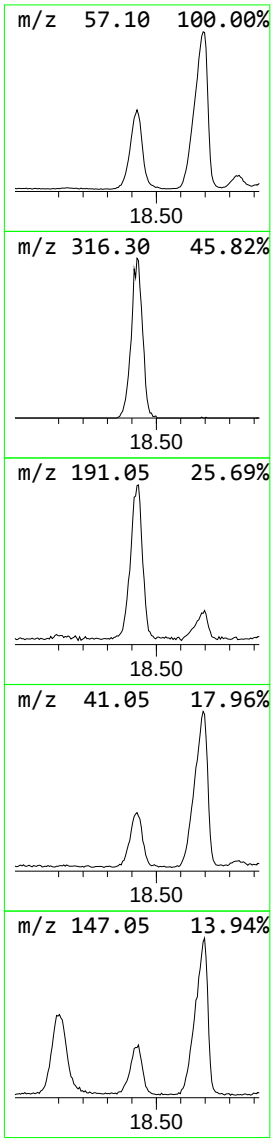
****

Peak Number 19 unknown18.421 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	51.20 ng	1342590	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanedioic acid, chloro-, bis(1...	264	C12H21ClO4	057983-51-4	9
2	p-Nitrobenzylidene tert-butylamine	206	C11H14N2O2	000718-36-5	5
3	5(1-Ethoxycarbonyl-1,4-dihydropy...	293	C14H15NO6	142131-81-5	4
4	2-Fluoro-3-trifluoromethylbenzoi...	278	C13H14F4O2	1000357-63-9	4
5	1-Amino-3-[3-(trifluoromethyl)ph...	235	C10H12F3NO2	004698-90-2	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

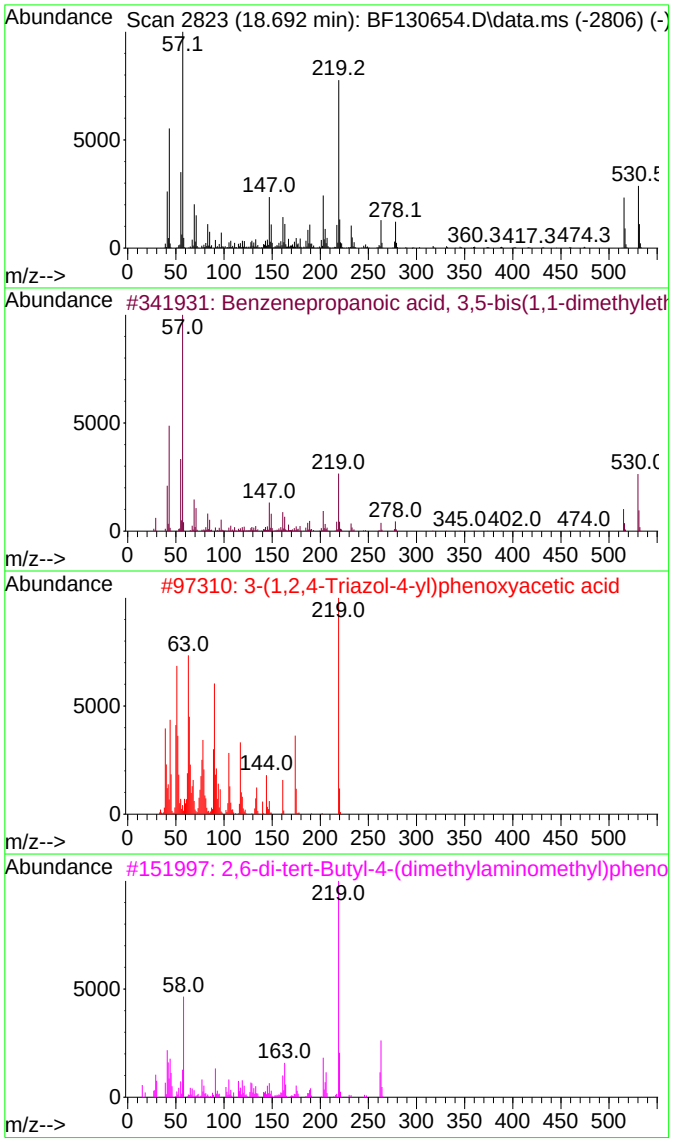
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

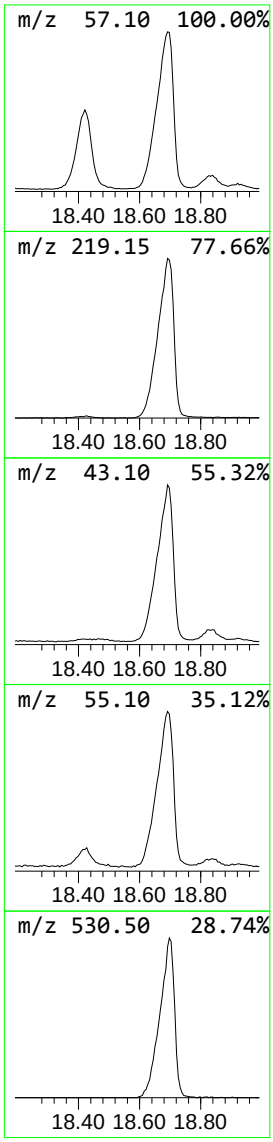
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzenepropanoic acid, 3,5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	190.96 ng	5007250	Perylene-d12	15.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	99
2	3-(1,2,4-Triazol-4-yl)phenoxyace...	219	C10H9N3O3	847606-79-5	86
3	2,6-di-tert-Butyl-4-(dimethylami...	263	C17H29NO	000088-27-7	43
4	Terephthalic acid, 3-chloropheny...	346	C19H19ClO4	1000323-64-4	38
5	[5-(4-Nitrophenyl)-2-furyl]methanol	219	C11H9NO4	1000484-56-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130654.D
Acq On : 13 Oct 2022 19:00
Operator : CG\JU
Sample : N5096-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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-Bromo dodecane	10.292	16.7	ng	909503	3	9.622	1090710	20.0
Pentadecane, 2,...	10.563	42.3	ng	2548870	4	11.116	1206060	20.0
Octadecane	11.027	20.0	ng	1206060	4	11.116	1206060	20.0
Hexadecane, 1-i...	12.574	11.9	ng	331329	5	13.733	559288	20.0
Docosane	13.180	39.0	ng	1092000	5	13.733	559288	20.0
Heneicosane	13.262	12.5	ng	350094	5	13.733	559288	20.0
Heptadecane, 2,...	13.592	21.5	ng	601517	5	13.733	559288	20.0
Pentacosane	13.857	17.8	ng	497659	5	13.733	559288	20.0
Eicosane, 10-me...	13.904	12.4	ng	346528	5	13.733	559288	20.0
unknown14.392	14.392	11.9	ng	334223	5	13.733	559288	20.0
Hexadecane, 2-m...	14.486	42.8	ng	1122060	6	15.104	524434	20.0
unknown14.768	14.768	22.0	ng	577536	6	15.104	524434	20.0
Heptasiloxane, ...	15.192	24.7	ng	646886	6	15.104	524434	20.0
unknown15.704	15.704	22.5	ng	589245	6	15.104	524434	20.0
Docosane, 1-iodo-	15.998	20.9	ng	548884	6	15.104	524434	20.0
unknown16.327	16.327	23.0	ng	603667	6	15.104	524434	20.0
unknown17.109	17.109	19.3	ng	506223	6	15.104	524434	20.0
unknown18.103	18.103	29.6	ng	776223	6	15.104	524434	20.0
unknown18.421	18.421	51.2	ng	1342590	6	15.104	524434	20.0
Benzenepropanoi...	18.692	191.0	ng	5007250	6	15.104	524434	20.0