LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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: BF128852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.799	253	257	265	rVB	25242	38591	1.34%	0.182%
2	4.999	458	461	467	rBV	34625	45654	1.58%	0.216%
3	5.422	529	533	546	rBV	2786692	2570168	88.92%	12.152%
4	6.363	689	693	697	rBV	63086	55497	1.92%	0.262%
5	6.440	702	706	709	rBV	2825316	2515870	87.04%	11.895%
6	6.704	748	751	760	rBV	29870	36825	1.27%	0.174%
7	6.781	760	764	767	rBV	636230	510722	17.67%	2.415%
8	7.345	855	860	863	rBV	1715291	1786828	61.82%	8.448%
9	7.687	914	918	921	rBV	47119	53723	1.86%	0.254%
10	7.716	921	923	936	rVB	43256	63506	2.20%	0.300%
11	8.063	978	982	985	rBV	853555	680239	23.53%	3.216%
12	9.145	1160	1166	1169	rBV	3217900	2890398	100.00%	13.666%
13	9.822	1277	1281	1284	rBV	765026	637068	22.04%	3.012%
14	10.034	1311	1317	1320	rBV2	26680	30903	1.07%	0.146%
15	10.222	1346	1349	1352	rBV	168539	127768	4.42%	0.604%
16	10.616	1411	1416	1419	rBV	1842391	1587510	54.92%	7.506%
17	11.310	1530	1534	1536	rBV	760041	635210	21.98%	3.003%
18	11.333	1536	1538	1541	rVV	207139	158642	5.49%	0.750%
19	11.381	1541	1546	1550	rVB	45996	52842	1.83%	0.250%
20	11.839	1621	1624	1630	rBV	90294	91188	3.15%	0.431%
21	11.922	1635	1638	1640	rBV	57962	54849	1.90%	0.259%
22	12.451	1724	1728	1732	rBV	42754	42798	1.48%	0.202%
23	12.522	1737	1740	1744	rVB	430401	348246	12.05%	1.646%
24	12.751	1773	1779	1785	rBV	331560	348861	12.07%	1.649%
25	12.898	1800	1804	1807	rVB	2599032	2228138	77.09%	10.535%
26	12.969	1812	1816	1821	rBV3	26104	40081	1.39%	0.190%
27	13.063	1828	1832	1833	rBV3	27731	34940	1.21%	0.165%
28	13.080	1833	1835	1839	rVB	59140	54387	1.88%	0.257%
29	13.151	1844	1847	1849	rVB	40778	33942	1.17%	0.160%
30	13.186	1849	1853	1856	rBV2	39982	49517	1.71%	0.234%
31	13.433	1892	1895	1897	rBV	52100	42167	1.46%	0.199%
32	13.704	1936	1941	1943	rBV3	44107	51003	1.76%	0.241%
33	13.798	1954	1957	1961	rVB2	62077	64503	2.23%	0.305%
34	13.874	1961	1970	1977	rBV7	49324	181964	6.30%	0.860%
35	13.951	1978	1983	1986	rVV2	537499	669446	23.16%	3.165%
36	13.980	1986	1988	1991	rVV	211318	172576	5.97%	0.816%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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	14.045	1995	1999	2003	rVV	158638	183731	6.36%	0.869%
38	14.116	2007	2011	2015	rVV3	38224	47268	1.64%	0.223%
39	14.339	2045	2049	2052	rBV	44164	52162	1.80%	0.247%
40	14.421	2059	2063	2067	rBV4	56504	82187	2.84%	0.389%
41	14.580	2087	2090	2094	rBV	82103	95838	3.32%	0.453%
42	14.721	2112	2114	2118	rVB2	71636	68610	2.37%	0.324%
43	14.992	2156	2160	2163	rBV	173299	252783	8.75%	1.195%
44	15.051	2167	2170	2175	rVB2	112531	136059	4.71%	0.643%
45	15.286	2207	2210	2216	rVB	111298	133447	4.62%	0.631%
46	15.351	2217	2221	2226	rVV	125304	149407	5.17%	0.706%
47	15.416	2227	2232	2244	rVB2	396259	629570	21.78%	2.977%
48	15.851	2302	2306	2310	rBV	125758	171640	5.94%	0.812%
49	16.851	2473	2476	2482	rVB2	51817	87662	3.03%	0.414%
50	16.921	2485	2488	2495	rVB2	41988	73807	2.55%	0.349%

Sum of corrected areas: 21150741

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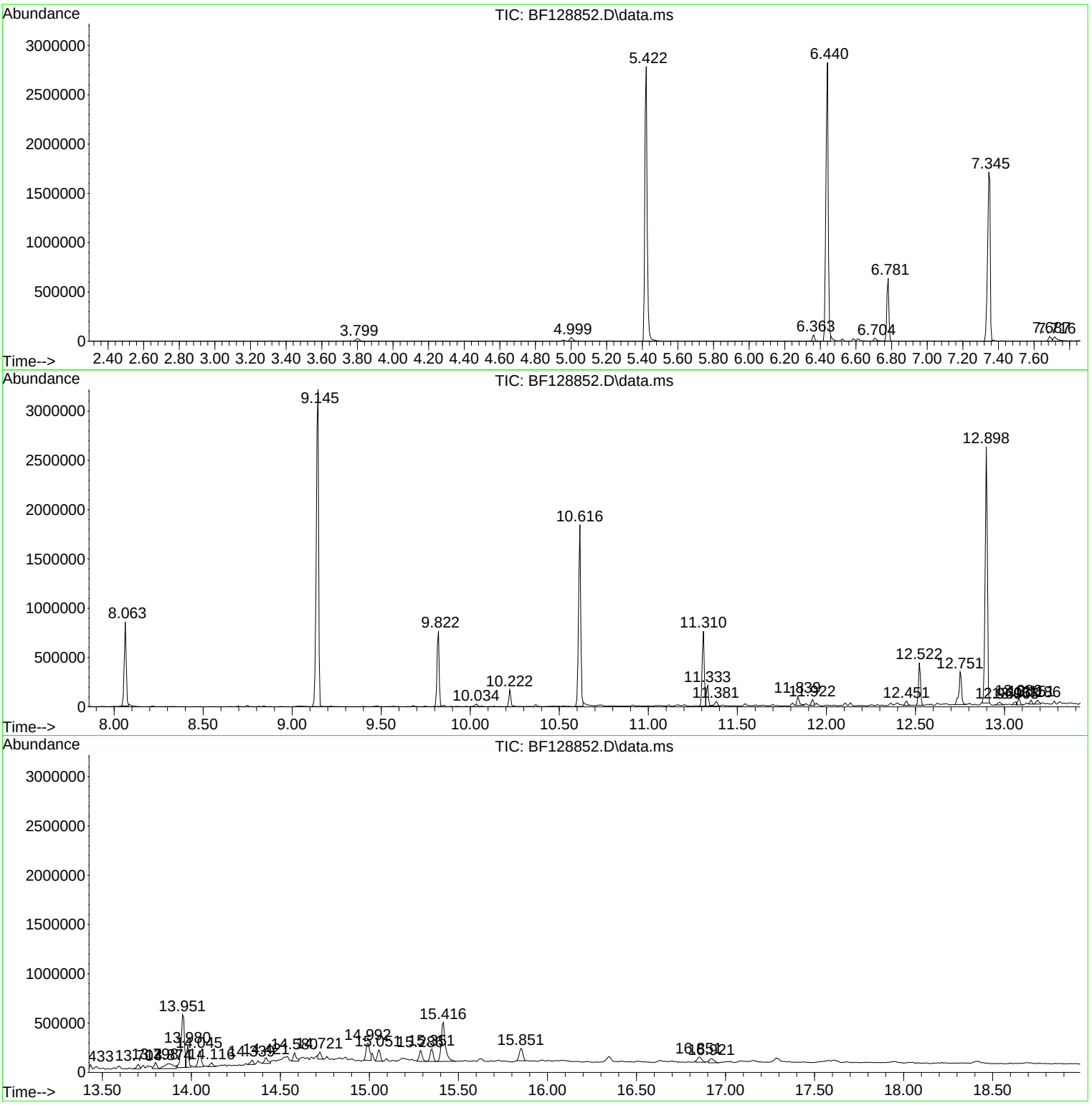
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
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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

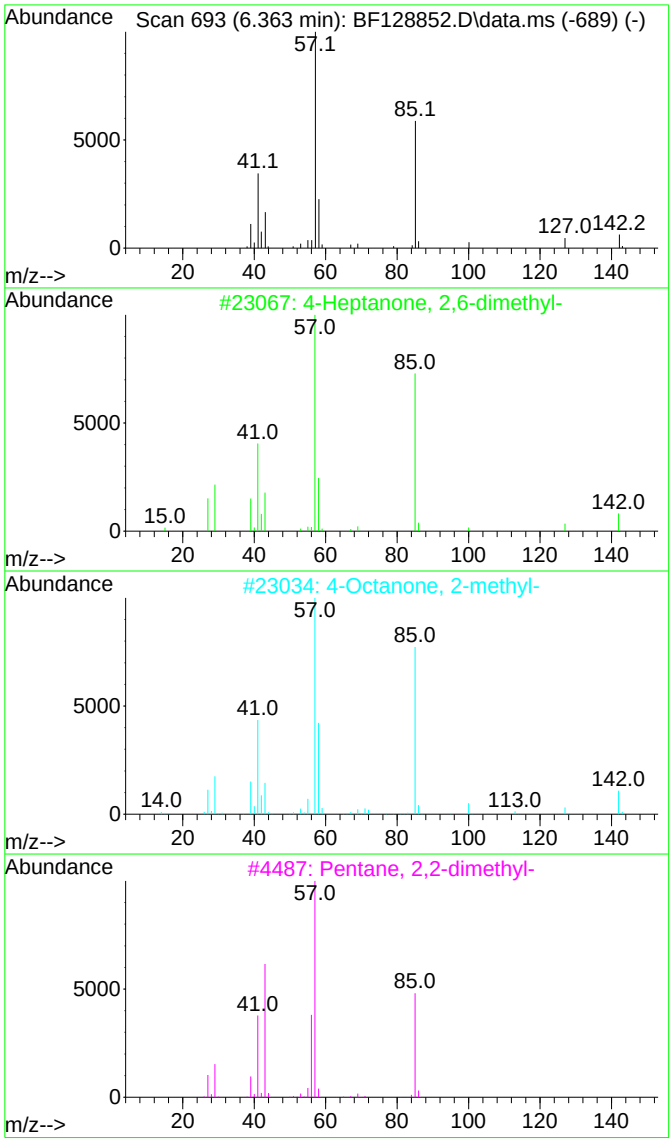
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

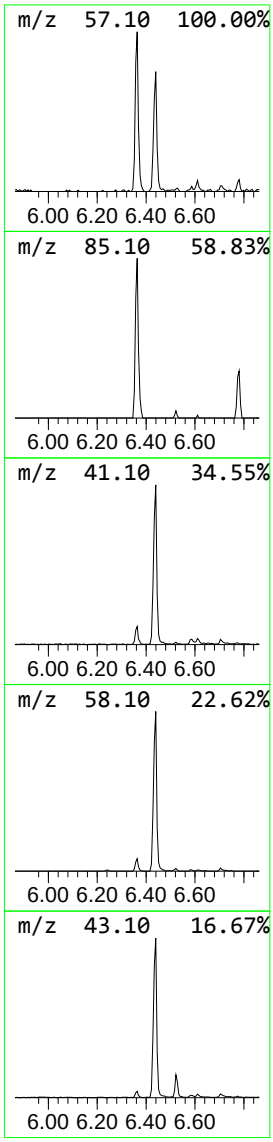
****

Peak Number 1 4-Heptanone, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	2.17 ng	55497	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4	1-Propoxypropan-2-yl 2-methylbut...	202	C11H22O3	1000367-10-7	45
5	5-Nonanone	142	C9H18O	000502-56-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
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Operator : CG\JU
Sample : N3371-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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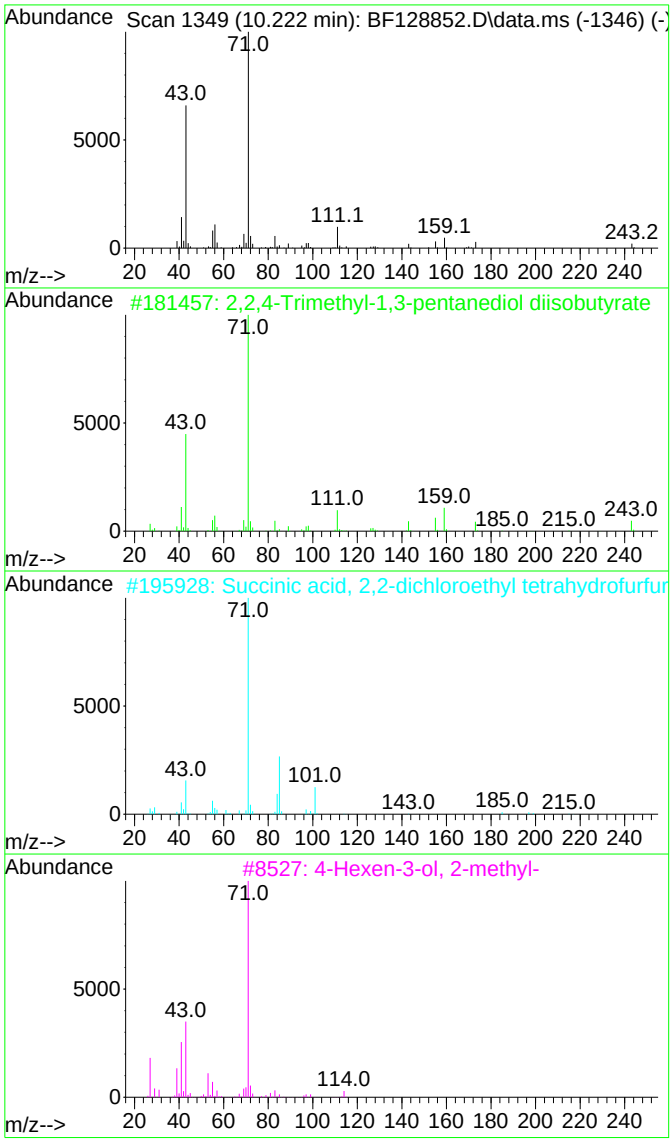
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

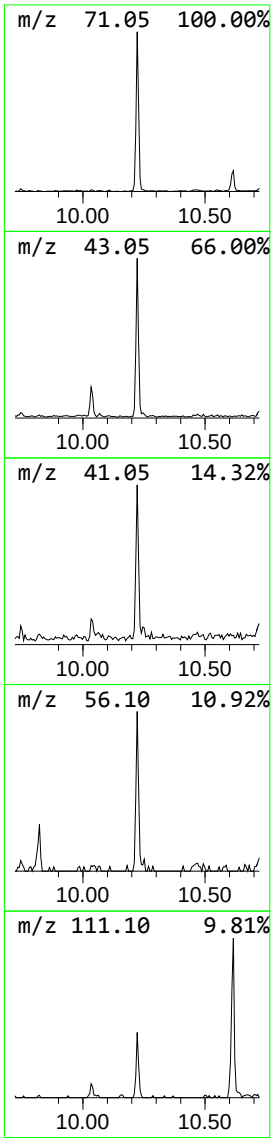
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	4.01 ng	127768	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
2	Succinic acid, 2,2-dichloroethyl...	298	C11H16Cl2O5	1000390-71-6	53
3	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	53
4	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	53
5	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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

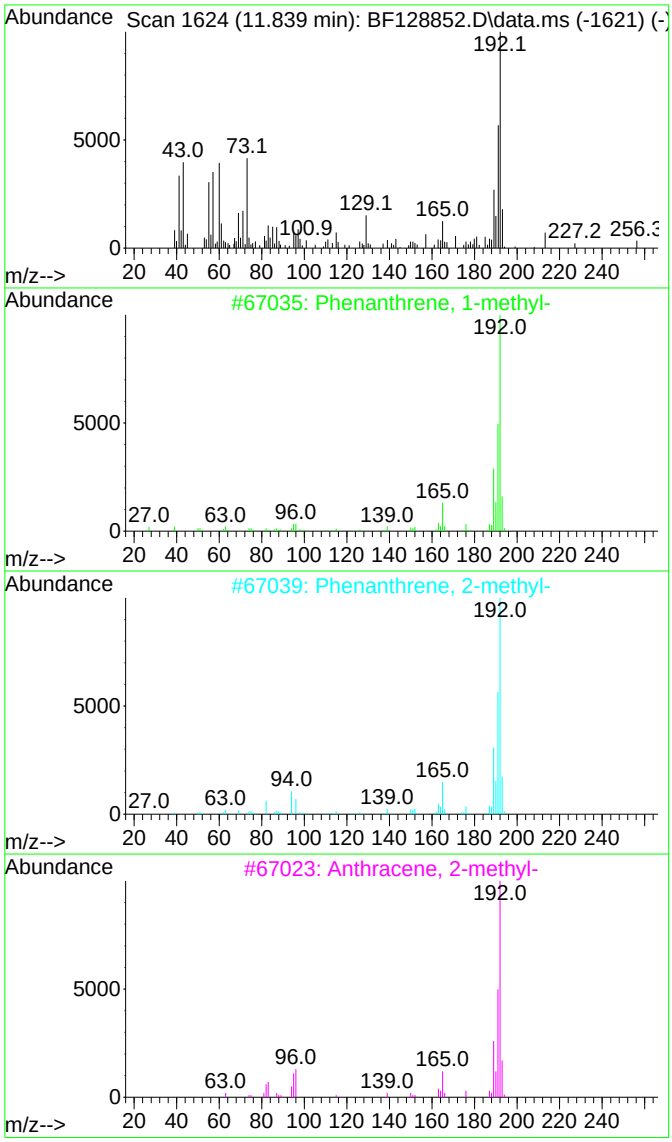
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

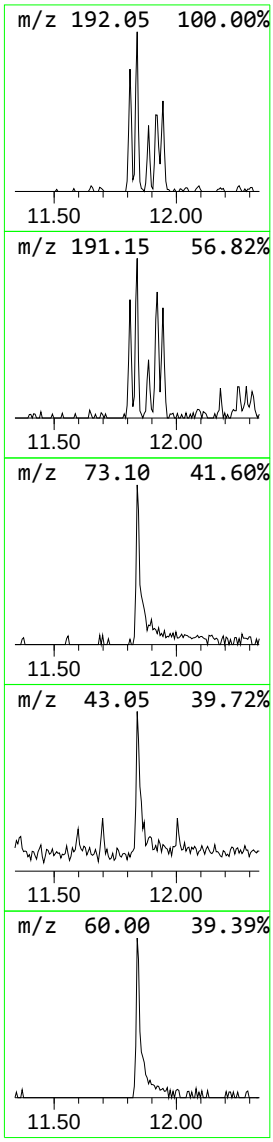
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.87 ng	91188	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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

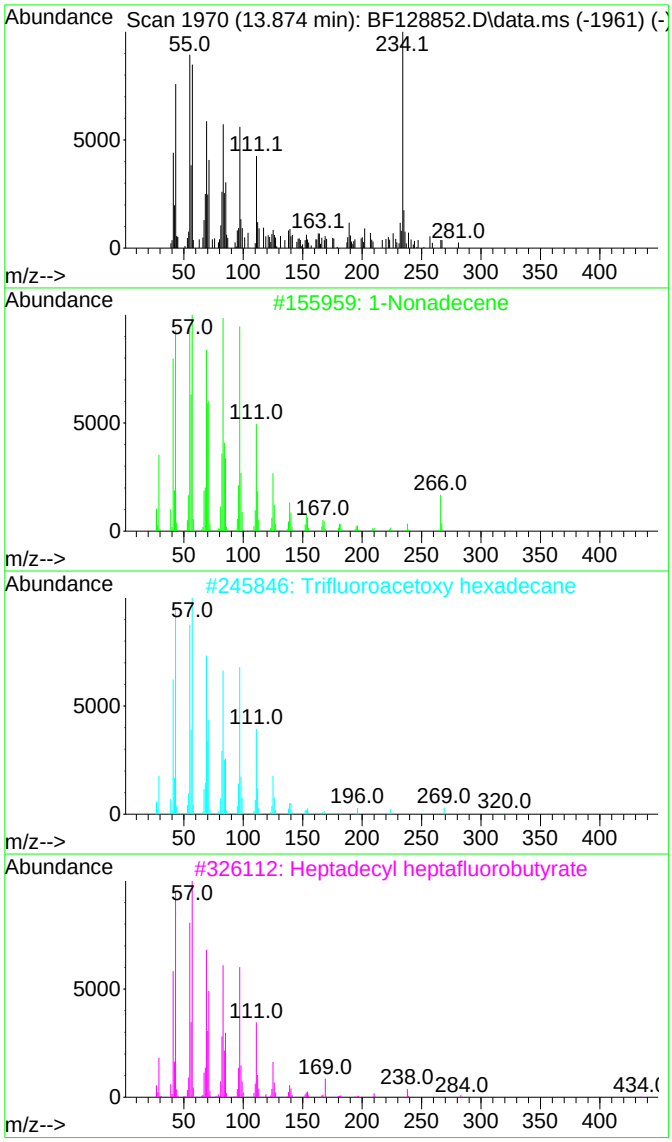
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

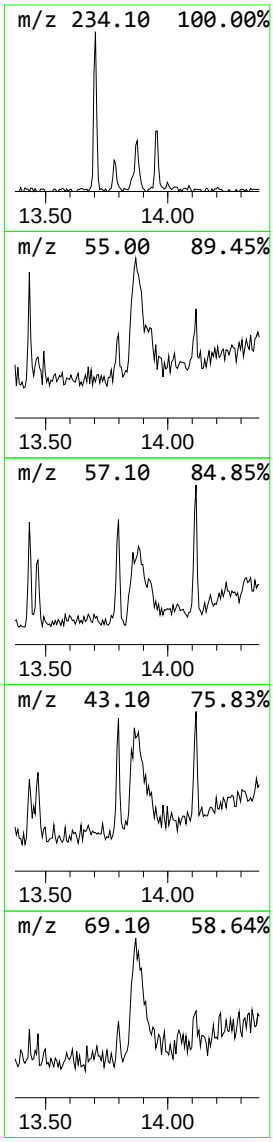
****

Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.44 ng	181964	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	78
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	58
4	Triacontan-15-ol	438	C30H62O	031849-26-0	55
5	1-Docosene	308	C22H44	001599-67-3	53





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Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
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Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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

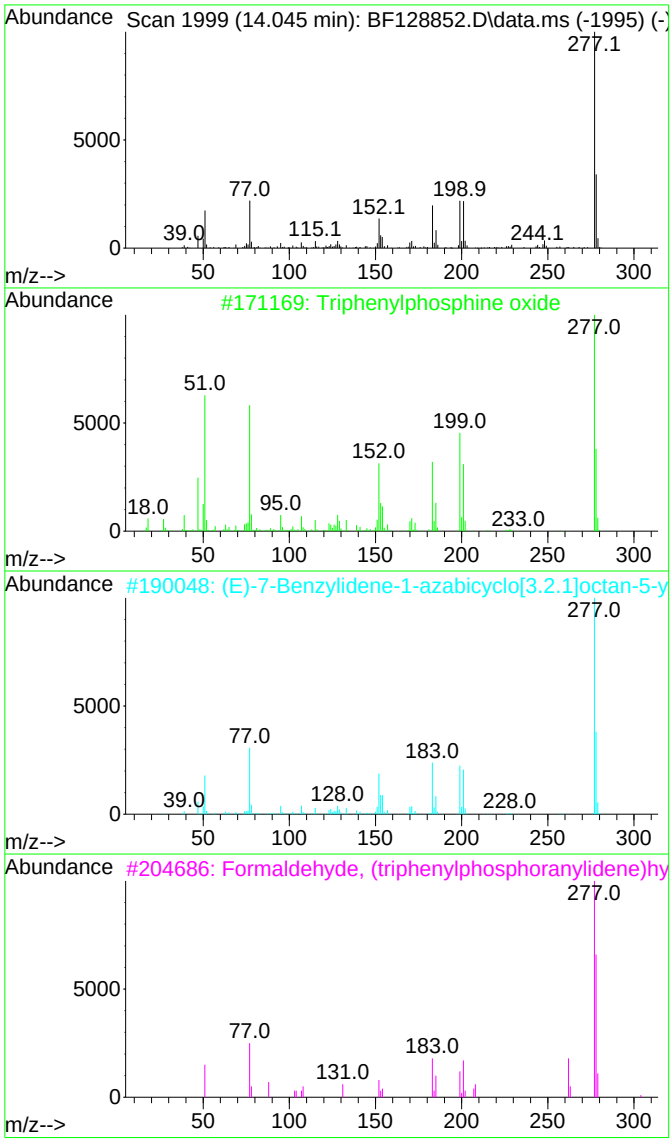
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

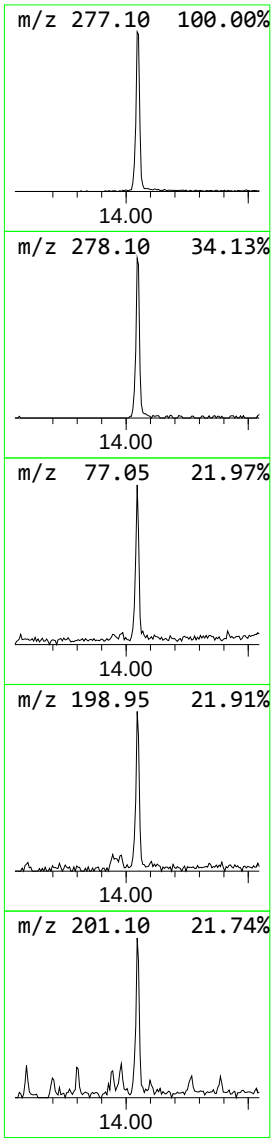
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	5.49 ng	183731	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	99
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	35
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





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

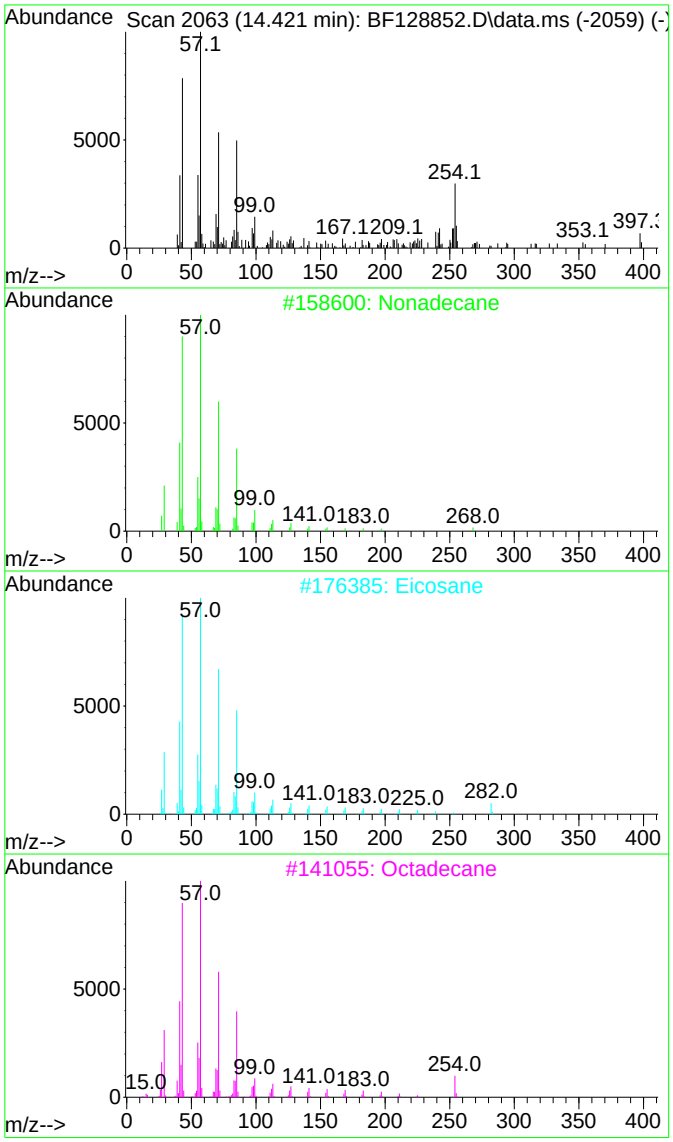
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

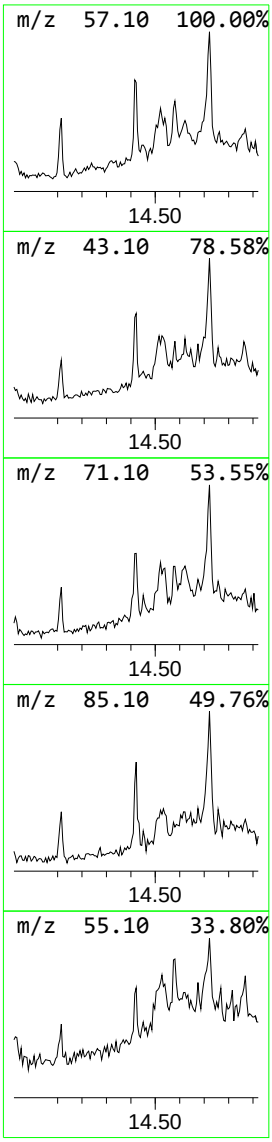
****

Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	2.46 ng	82187	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Eicosane	282	C20H42	000112-95-8	64
3	Octadecane	254	C18H38	000593-45-3	50
4	Heneicosane	296	C21H44	000629-94-7	45
5	Octacosane	394	C28H58	000630-02-4	45





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Data File : BF128852.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

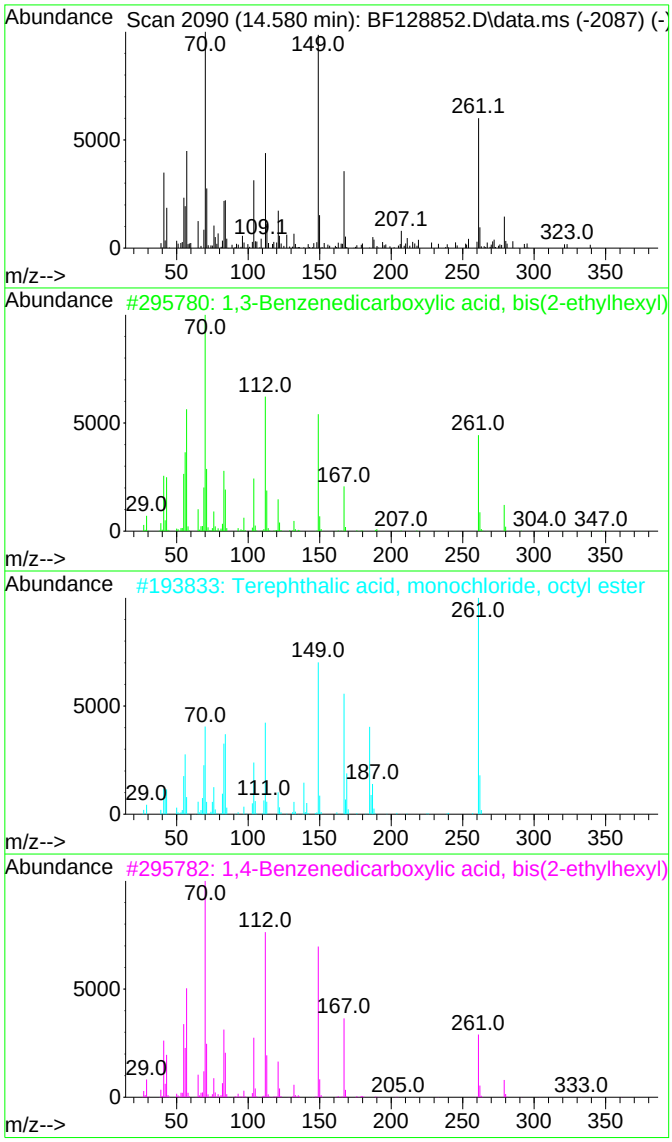
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

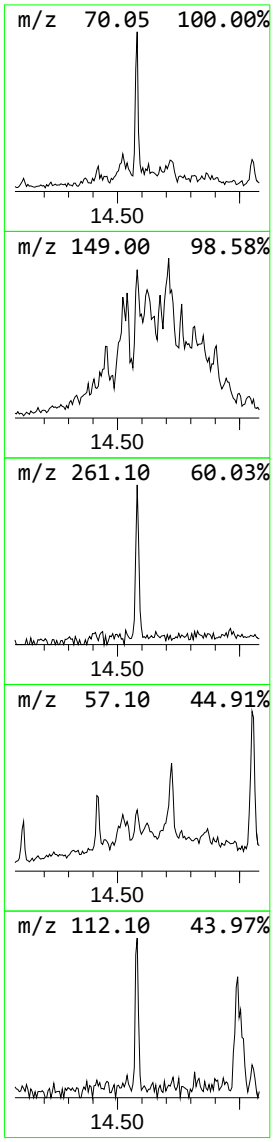
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	2.86 ng	95838	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
2	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
4	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	38
5	L-Proline, N-(phenylacetyl)-, et...	261	C15H19NO3	1000346-18-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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

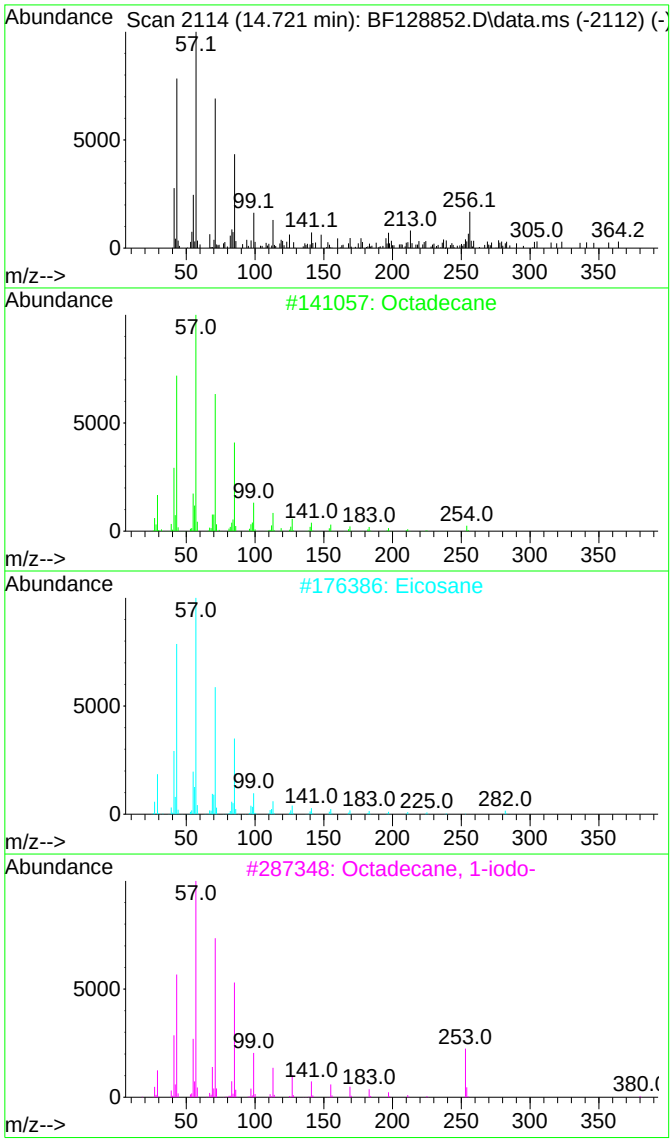
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

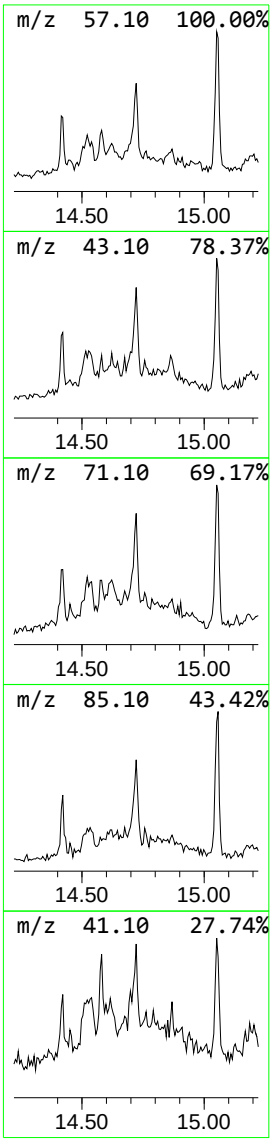
****

Peak Number 8 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.722	2.18 ng	68610	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	81
2	Eicosane	282	C20H42	000112-95-8	81
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Pentacosane	352	C25H52	000629-99-2	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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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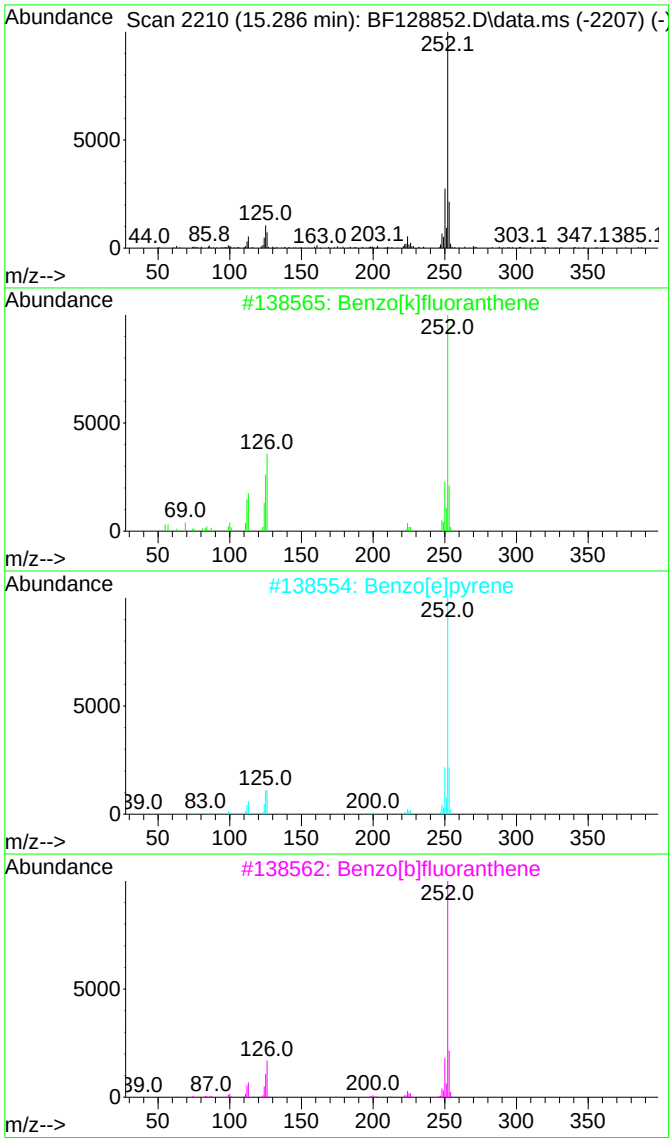
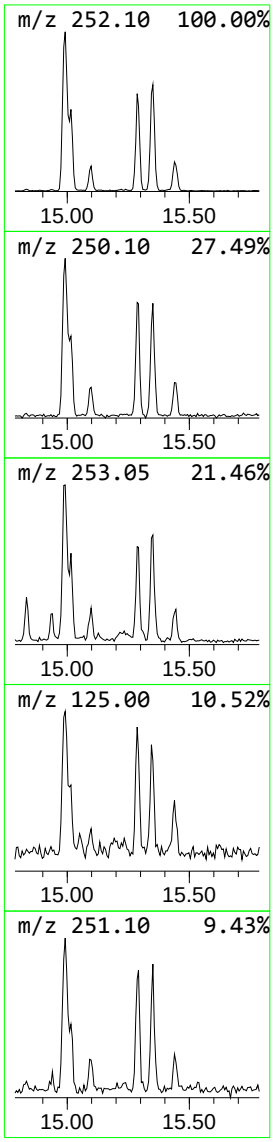
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	4.24 ng	133447	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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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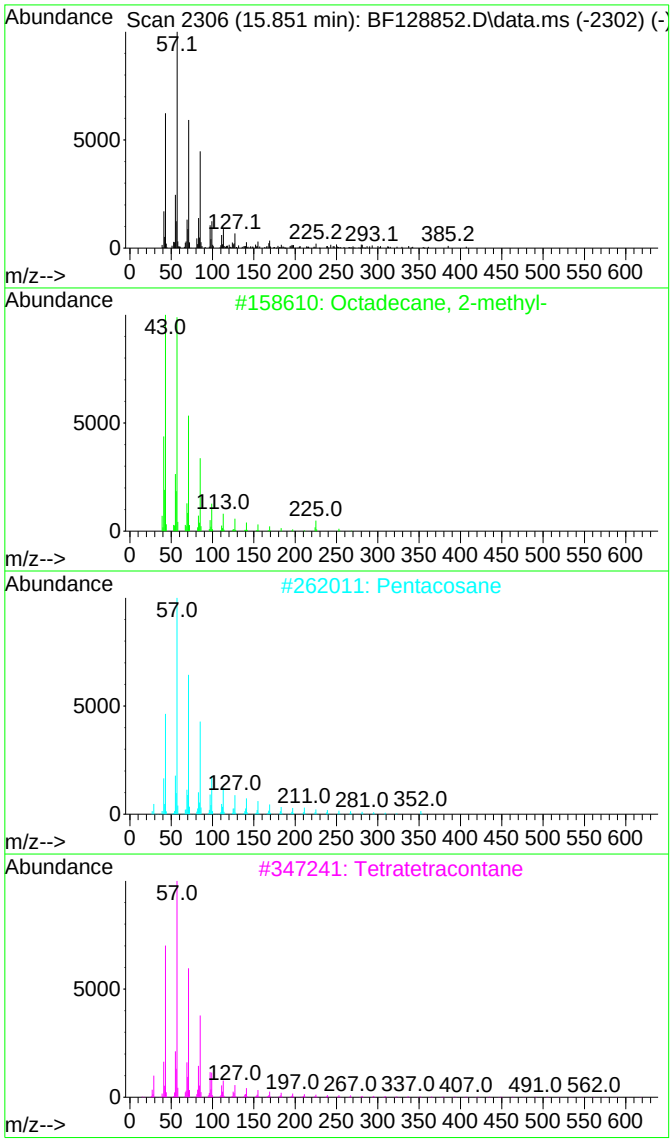
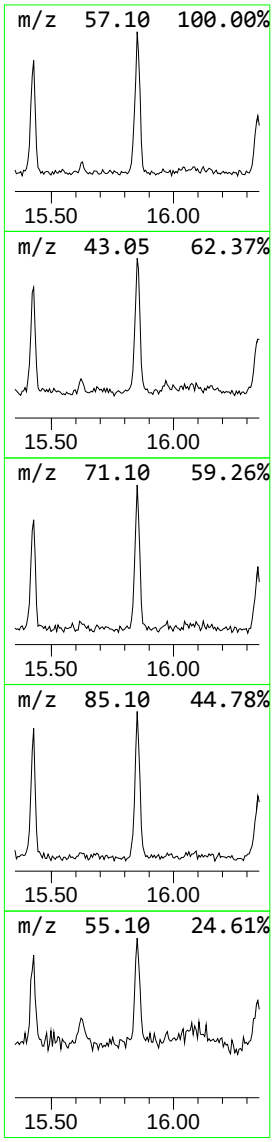
Peak Number 10 Octadecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	5.45 ng	171640	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Pentacosane	352	C25H52	000629-99-2	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	86
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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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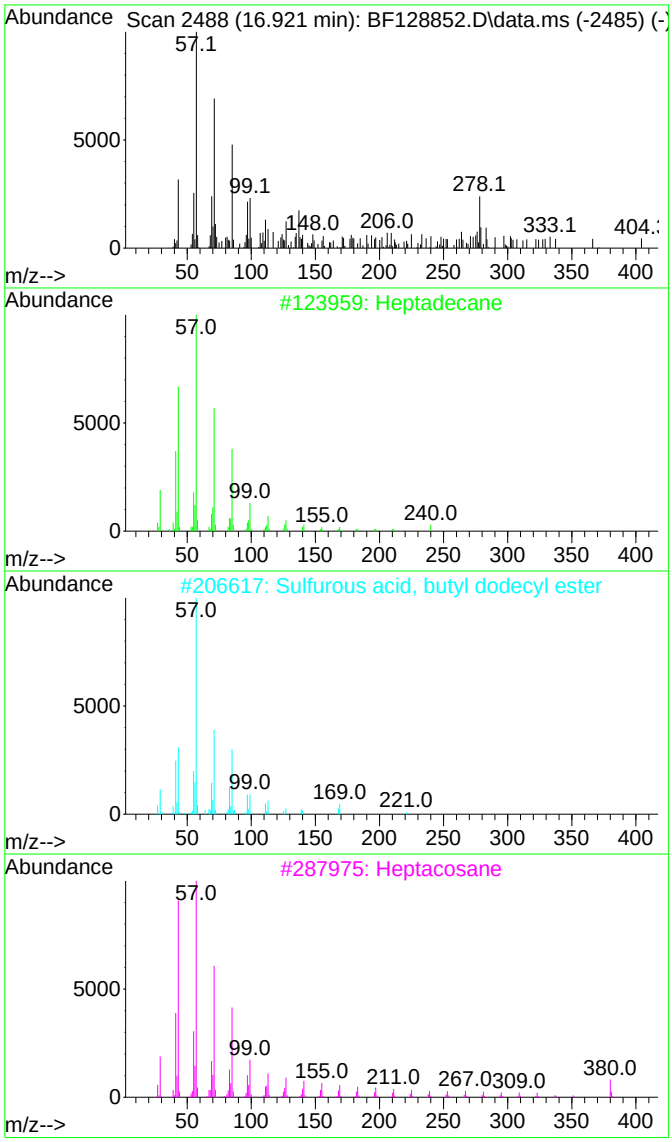
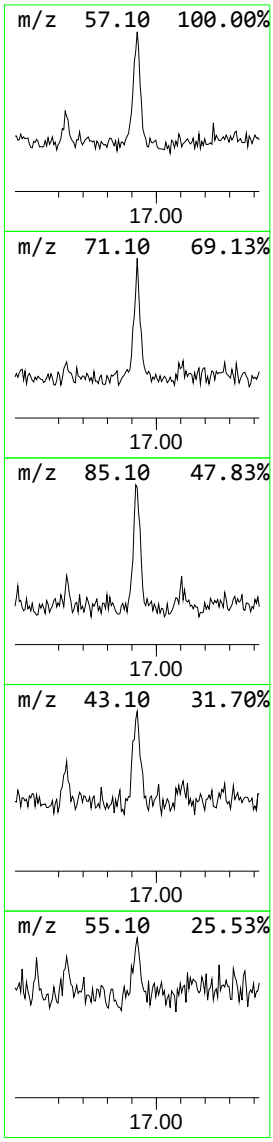
Peak Number 11 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.921	2.34 ng	73807	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	55
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
3	Heptacosane	380	C27H56	000593-49-7	50
4	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	50
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128852.D
Acq On : 17 Jun 2022 14:09
Operator : CG\JU
Sample : N3371-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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
4-Heptanone, 2,...	6.363	2.2	ng	55497	1	6.781	510722	20.0
2,2,4-Trimethyl...	10.222	4.0	ng	127768	3	9.822	637068	20.0
Phenanthrene, 1...	11.839	2.9	ng	91188	4	11.310	635210	20.0
1-Nonadecene	13.874	5.4	ng	181964	5	13.957	669446	20.0
Triphenylphosph...	14.045	5.5	ng	183731	5	13.957	669446	20.0
Nonadecane	14.422	2.5	ng	82187	5	13.957	669446	20.0
1,3-Benzenedica...	14.580	2.9	ng	95838	5	13.957	669446	20.0
Octadecane	14.722	2.2	ng	68610	6	15.410	629570	20.0
Benzo[e]pyrene	15.286	4.2	ng	133447	6	15.410	629570	20.0
Octadecane, 2-m...	15.851	5.5	ng	171640	6	15.410	629570	20.0
Heptadecane	16.921	2.3	ng	73807	6	15.410	629570	20.0