LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	207	209	222	rBV	28876	64077	3.59%	0.264%
2	5.022	495	499	504	rVB	25139	28192	1.58%	0.116%
3	5.428	564	568	571	rBV	1850597	1525153	85.39%	6.287%
4	6.434	734	739	742	rBV	1704724	1505743	84.30%	6.207%
5	6.787	795	799	802	rBV	723008	543755	30.44%	2.242%
6	7.345	890	894	897	rBV	1173403	993659	55.63%	4.096%
7	7.598	934	937	942	rVB	33464	28924	1.62%	0.119%
8	8.063	1012	1016	1019	rBV	916773	704607	39.45%	2.905%
9	8.381	1063	1070	1079	rBV	38354	71791	4.02%	0.296%
10	9.139	1195	1199	1210	rBV	2016281	1786109	100.00%	7.363%
11	9.481	1254	1257	1259	rBV	40136	35649	2.00%	0.147%
12	9.575	1269	1273	1275	rBV3	53923	50786	2.84%	0.209%
13	9.681	1286	1291	1294	rBV2	37202	36053	2.02%	0.149%
14	9.822	1311	1315	1318	rVB	988919	786400	44.03%	3.242%
15	9.922	1329	1332	1336	rVB3	24378	36393	2.04%	0.150%
16	9.986	1336	1343	1346	rBV	31326	41839	2.34%	0.172%
17	10.286	1391	1394	1397	rBV	50470	55837	3.13%	0.230%
18	10.469	1421	1425	1428	rBV	74002	98978	5.54%	0.408%
19	10.528	1433	1435	1438	rVB2	45107	40625	2.27%	0.167%
20	10.616	1443	1450	1453	rBV	1097217	1032314	57.80%	4.256%
21	10.663	1456	1458	1462	rVB2	27147	31681	1.77%	0.131%
22	10.704	1462	1465	1467	rBV	33883	32212	1.80%	0.133%
23	10.728	1467	1469	1471	rBV2	34404	33261	1.86%	0.137%
24	10.757	1471	1474	1477	rBV	85478	99089	5.55%	0.408%
25	10.792	1477	1480	1484	rVB2	58634	64857	3.63%	0.267%
26	10.828	1484	1486	1489	rVB	38962	29158	1.63%	0.120%
27	10.863	1489	1492	1495	rBV	87145	77592	4.34%	0.320%
28	10.928	1499	1503	1507	rBV	113123	166419	9.32%	0.686%
29	10.992	1511	1514	1517	rBV2	61160	52105	2.92%	0.215%
30	11.022	1517	1519	1520	rBV	38819	28026	1.57%	0.116%
31	11.063	1523	1526	1527	rBV	67646	69934	3.92%	0.288%
32	11.086	1527	1530	1532	rBV	132720	129237	7.24%	0.533%
33	11.175	1541	1545	1547	rBV	236333	288965	16.18%	1.191%
34	11.204	1547	1550	1553	rVV2	393897	508041	28.44%	2.094%
35	11.233	1553	1555	1559	rVV2	173451	221714	12.41%	0.914%
36	11.280	1559	1563	1565	rVV3	194573	248491	13.91%	1.024%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.316	1565	1569	1571	rBV	731537	774816	43.38%	3.194%
38	11.339	1571	1573	1575	rVV	369428	411937	23.06%	1.698%
39	11.369	1575	1578	1583	rVV4	467823	994264	55.67%	4.099%
40	11.404	1583	1584	1587	rVV2	276587	279510	15.65%	1.152%
41	11.433	1587	1589	1591	rVV2	241512	212489	11.90%	0.876%
42	11.463	1591	1594	1597	rVV2	334051	335581	18.79%	1.383%
43	11.498	1597	1600	1603	rBV3	391243	452336	25.33%	1.865%
44	11.627	1620	1622	1626	rBV3	407073	589520	33.01%	2.430%
45	11.710	1634	1636	1639	rVB	602850	477351	26.73%	1.968%
46	11.786	1646	1649	1654	rBV	516856	865815	48.47%	3.569%
47	11.851	1658	1660	1663	rBV2	455996	431211	24.14%	1.778%
48	11.916	1669	1671	1676	rBV3	364663	626800	35.09%	2.584%
49	12.039	1689	1692	1693	rBV	409911	427066	23.91%	1.761%
50	12.186	1714	1717	1718	rBV	379889	428796	24.01%	1.768%
51	12.539	1774	1777	1779	rBV	665059	633444	35.47%	2.611%
52	12.769	1813	1816	1818	rVB	506839	418992	23.46%	1.727%
53	12.916	1838	1841	1846	rBV	1334632	1268833	71.04%	5.231%
54	13.974	2016	2021	2023	rBV2	611513	774637	43.37%	3.193%
55	13.998	2023	2025	2027	rVB	266216	195362	10.94%	0.805%
56	14.833	2163	2167	2169	rBV3	37500	44582	2.50%	0.184%
57	15.016	2193	2198	2201	rBV	285036	412145	23.08%	1.699%
58	15.098	2209	2212	2214	rBV2	33953	34570	1.94%	0.143%
59	15.321	2246	2250	2256	rVB	174028	216865	12.14%	0.894%
60	15.386	2256	2261	2267	rBV	208470	250091	14.00%	1.031%
61	15.451	2267	2272	2276	rVV	551459	691001	38.69%	2.849%
62	15.480	2276	2277	2284	rVB3	61964	75440	4.22%	0.311%
63	15.939	2352	2355	2359	rBV4	29771	45872	2.57%	0.189%
64	16.945	2521	2526	2536	rVB2	94347	202592	11.34%	0.835%
65	17.404	2598	2604	2612	rBV	63346	137800	7.72%	0.568%

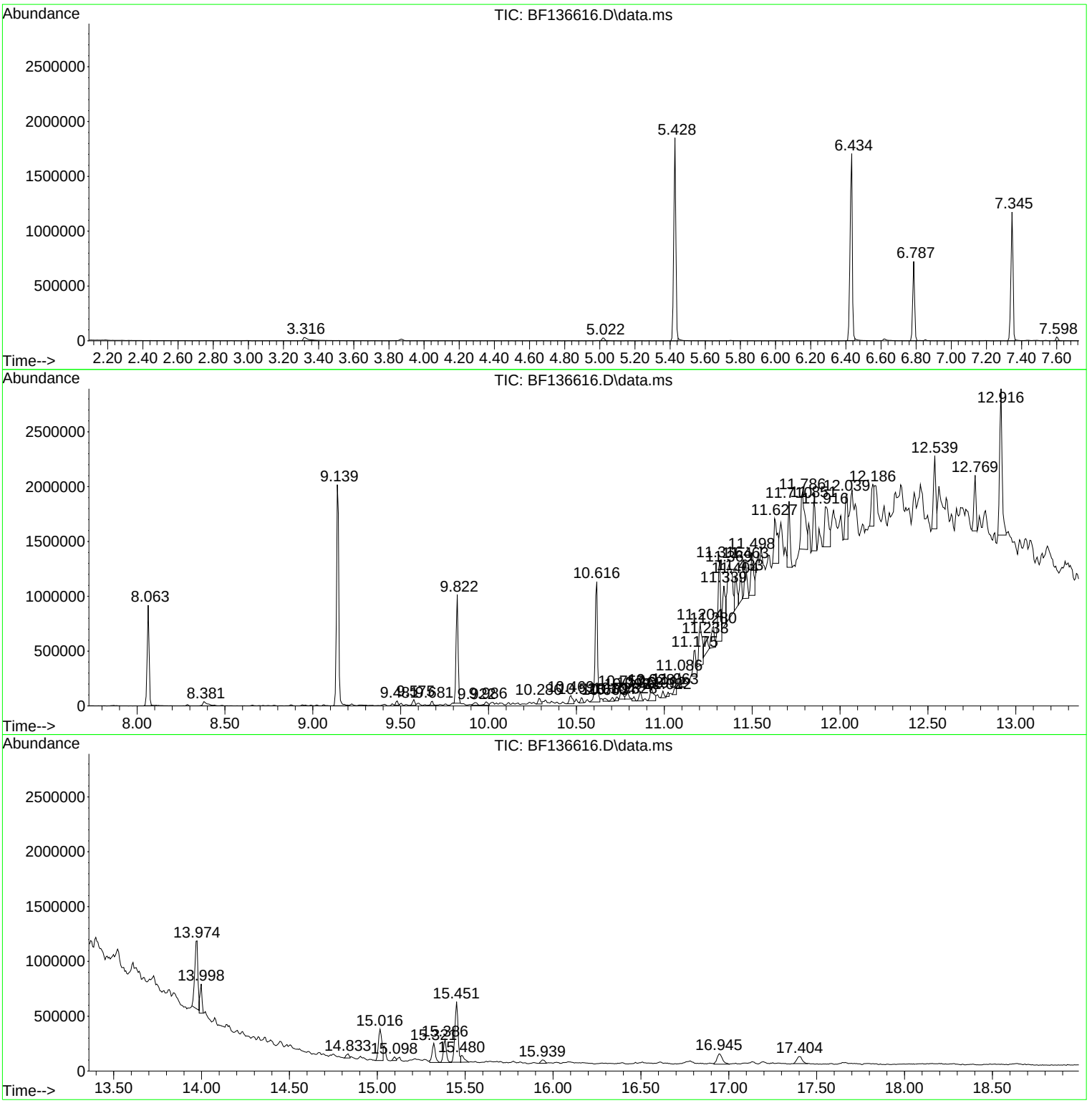
Sum of corrected areas: 24257384

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

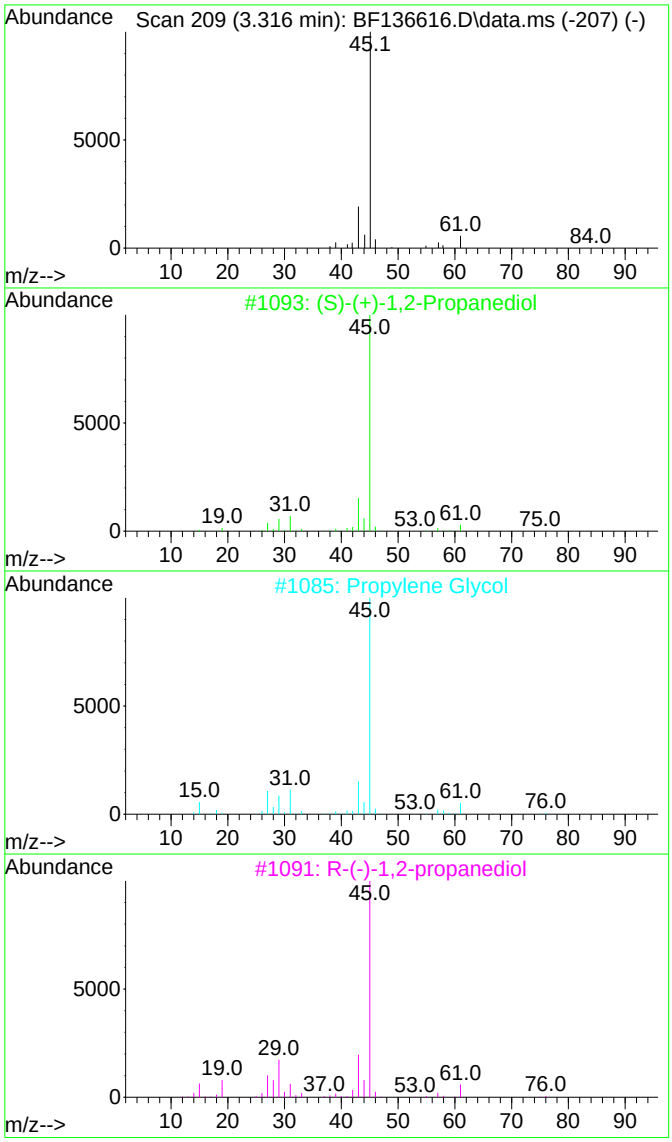
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

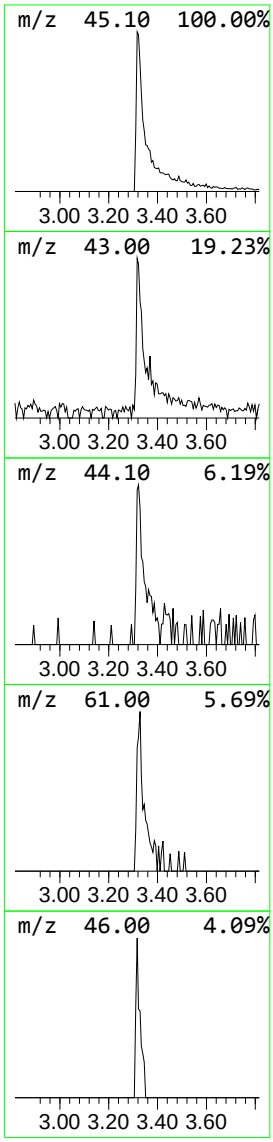
****

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.316	2.36 ng	64077	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Formamide	45	CH3NO	000075-12-7	7
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

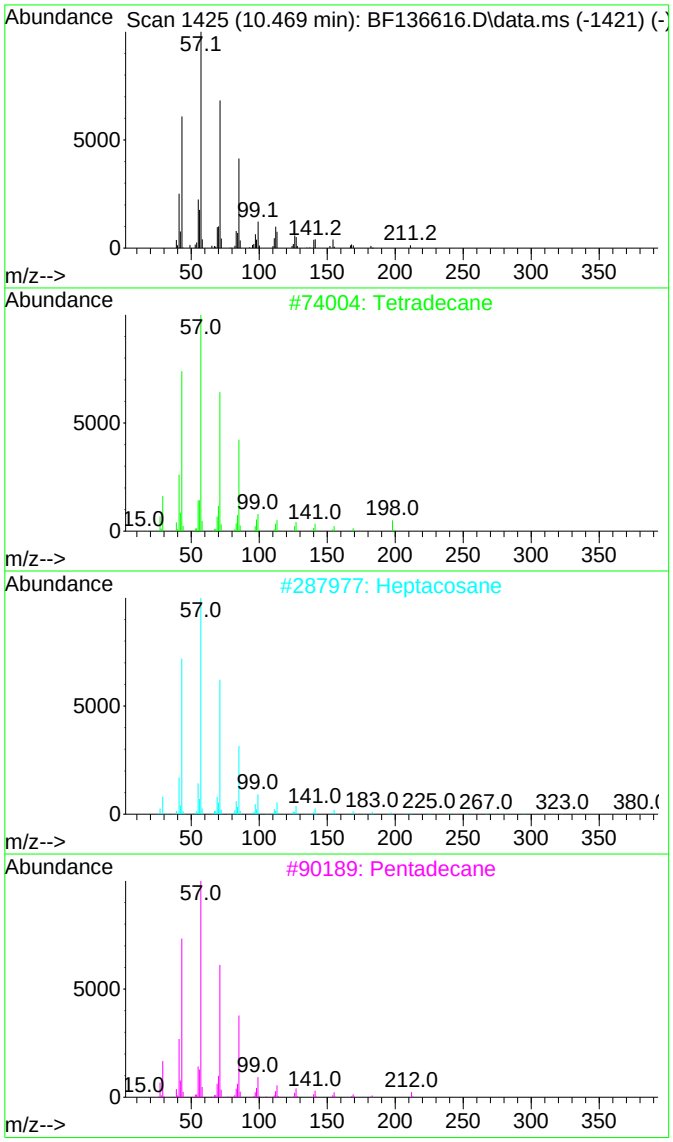
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

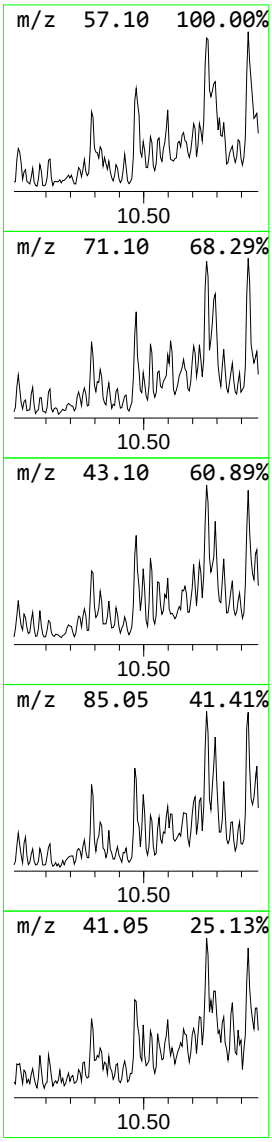
****

Peak Number 2 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	2.52 ng	98978	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

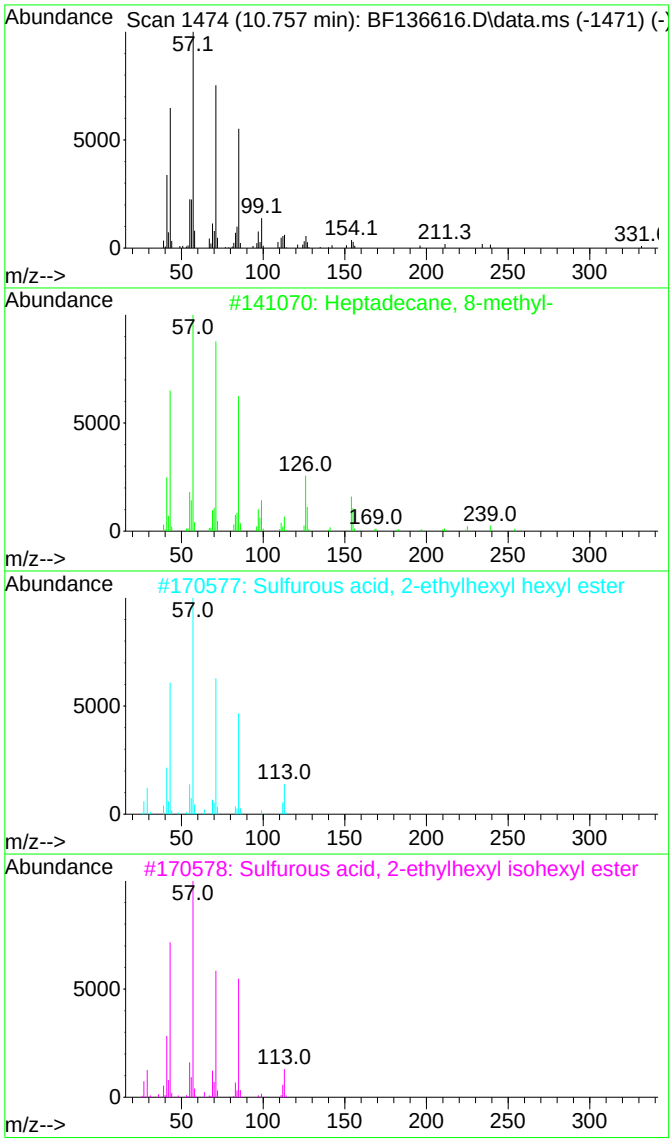
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

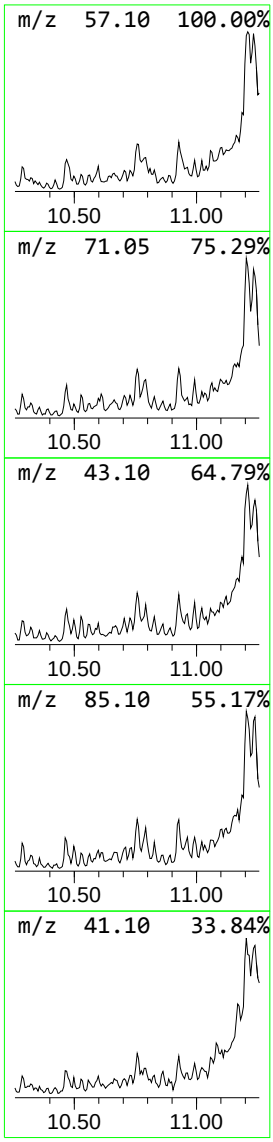
****

Peak Number 3 Heptadecane, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	2.56 ng	99089	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

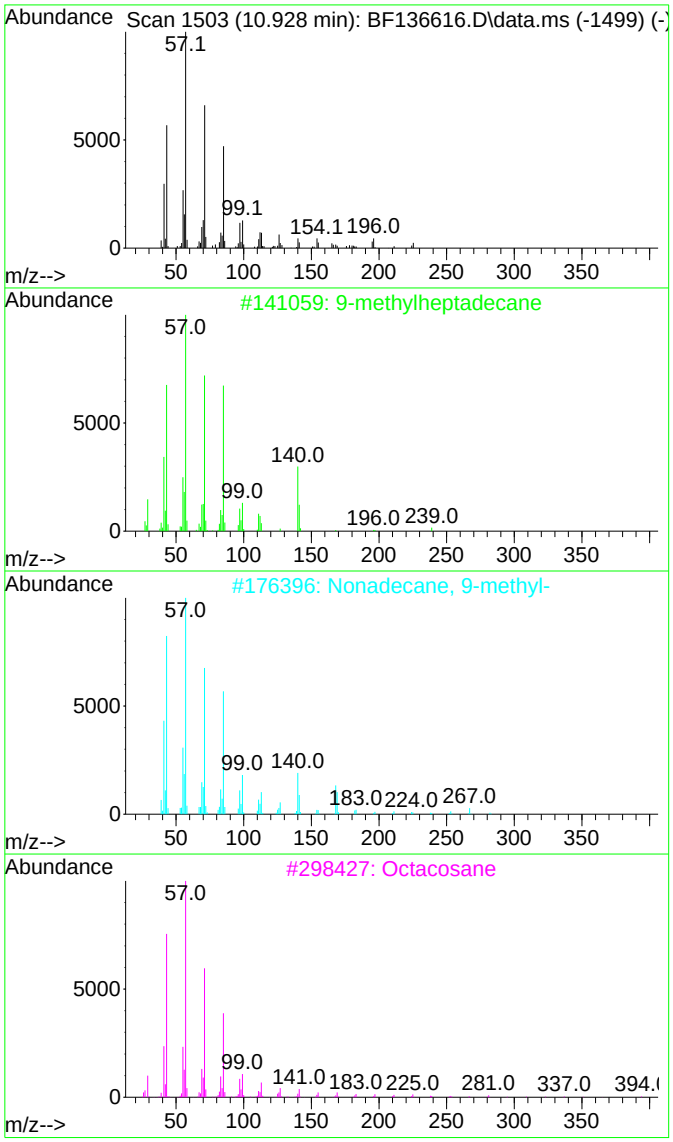
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

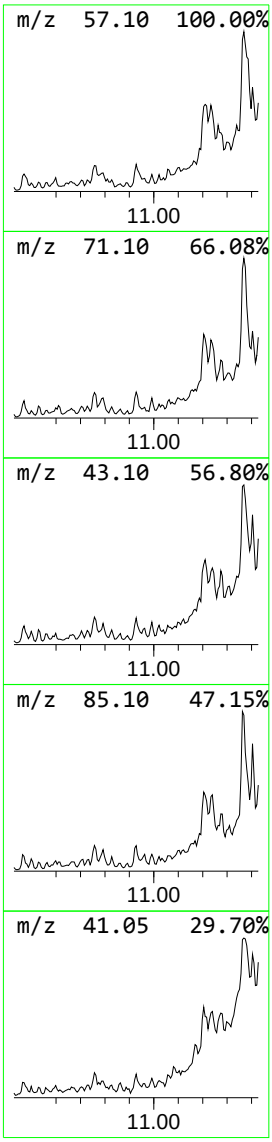
****

Peak Number 4 9-methylheptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	4.30 ng	166419	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	80
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
3	Octacosane	394	C28H58	000630-02-4	72
4	10-Methylnonadecane	282	C20H42	056862-62-5	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

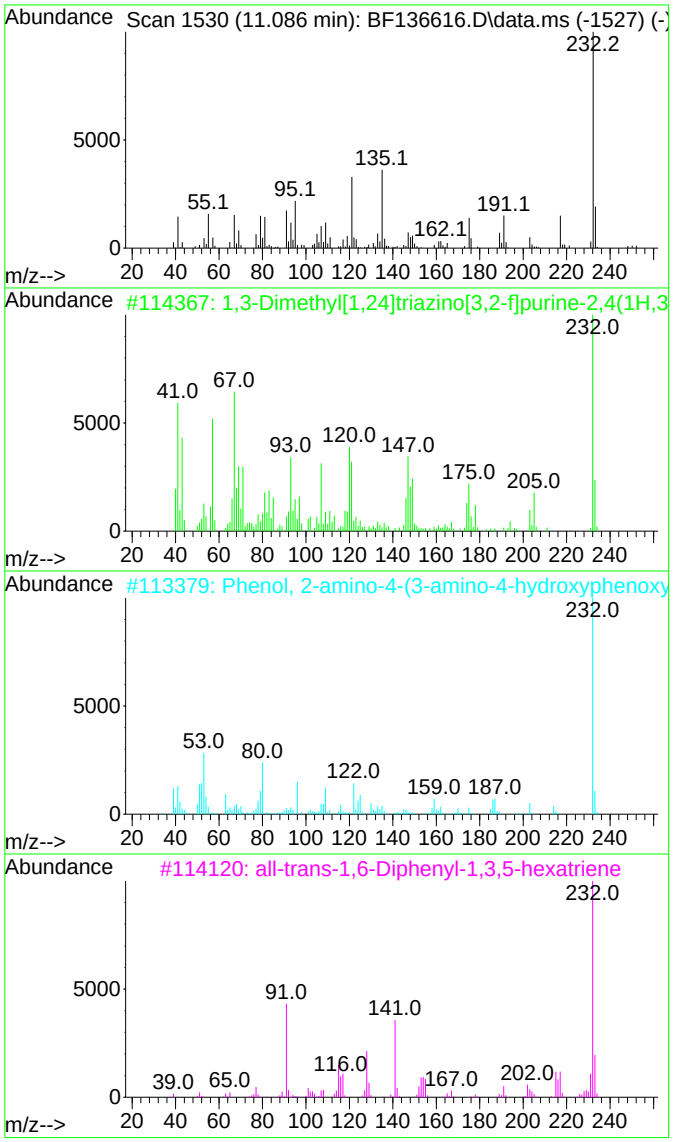
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

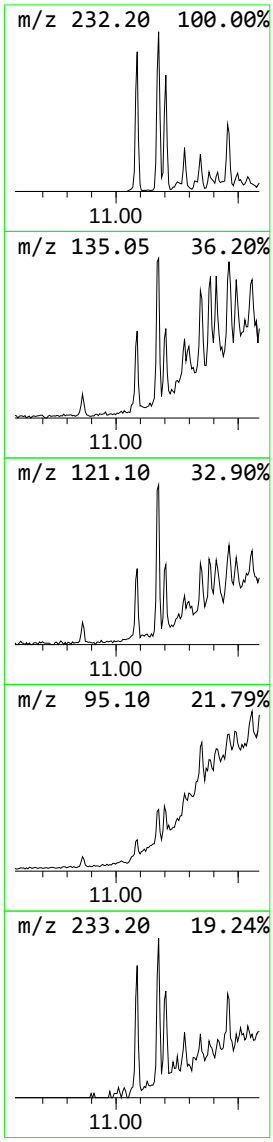
****

Peak Number 5 unknown11.086 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.34 ng	129237	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl[1,24]triazino[3,2-f...	232	C9H8N6O2	114811-63-1	47
2	Phenol, 2-amino-4-(3-amino-4-hyd...	232	C12H12N2O3	1000327-59-3	43
3	all-trans-1,6-Diphenyl-1,3,5-hex...	232	C18H16	017329-15-6	38
4	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	37
5	3-(6-Methoxy-3-methyl-2-benzofur...	232	C13H12O4	010410-32-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

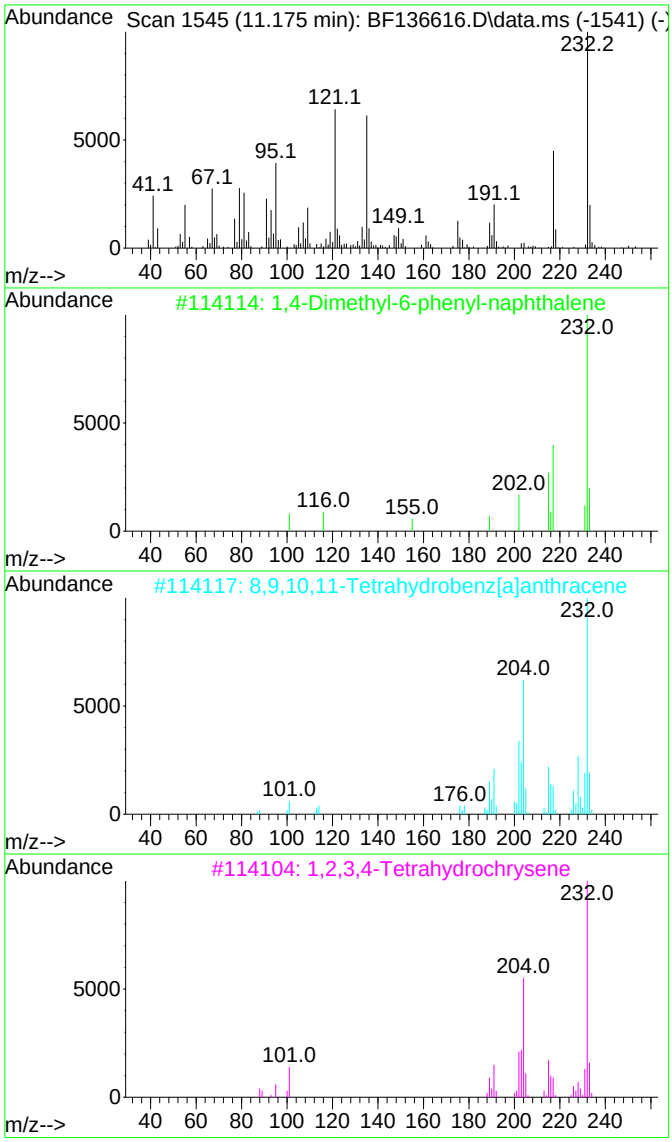
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

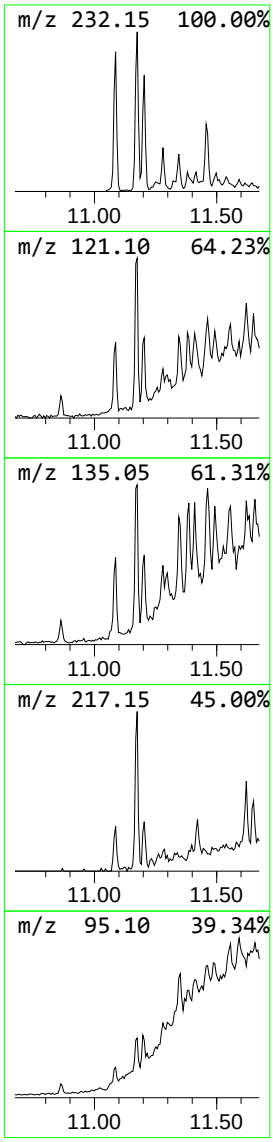
****

Peak Number 6 unknown11.175 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	7.46 ng	288965	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	47
2	8,9,10,11-Tetrahydrobenz[a]anthr...	232	C18H16	067064-62-4	43
3	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	43
4	Phosphine sulfide, methyldiphenyl-	232	C13H13PS	013639-74-2	38
5	2,4,5-trimethylphenol, trifluoro...	232	C11H11F3O2	1000376-50-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

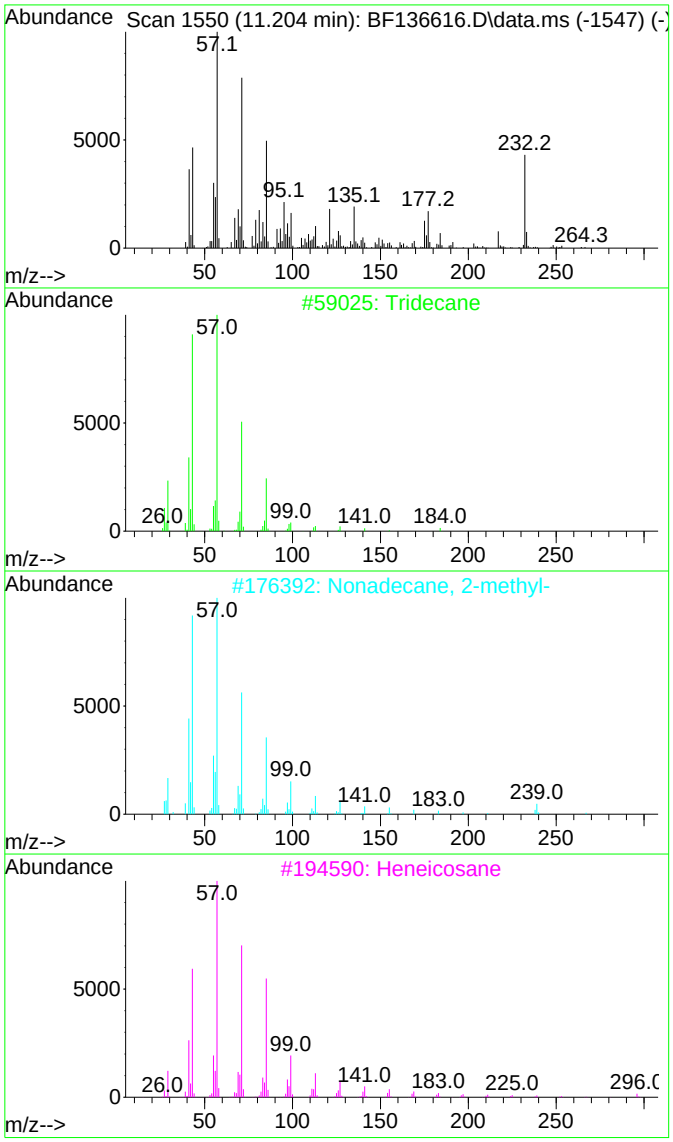
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

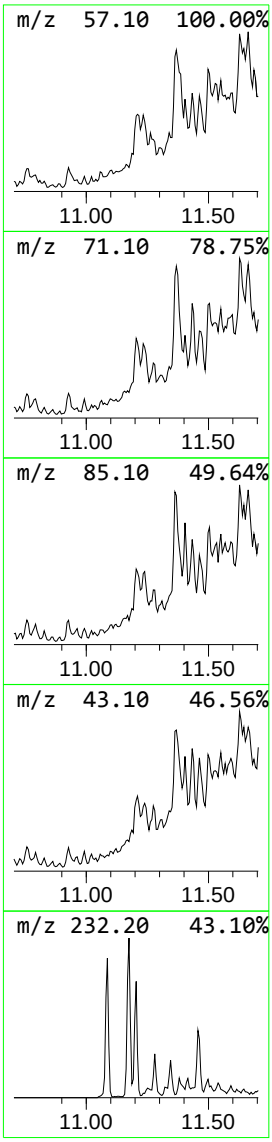
****

Peak Number 7 unknown11.204 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	13.11 ng	508041	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	45
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	43
3	Heneicosane	296	C21H44	000629-94-7	43
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

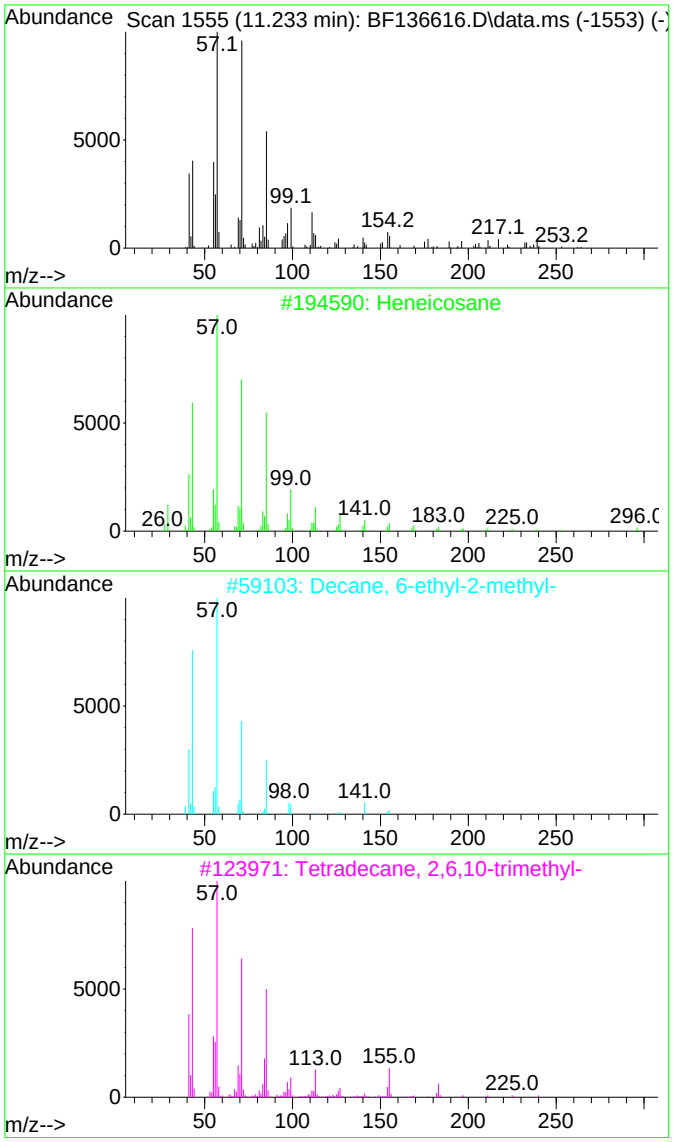
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

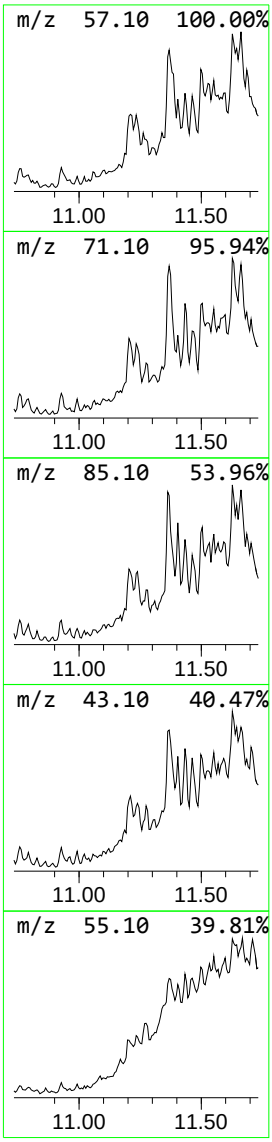
****

Peak Number 8 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	5.72 ng	221714	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	62
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

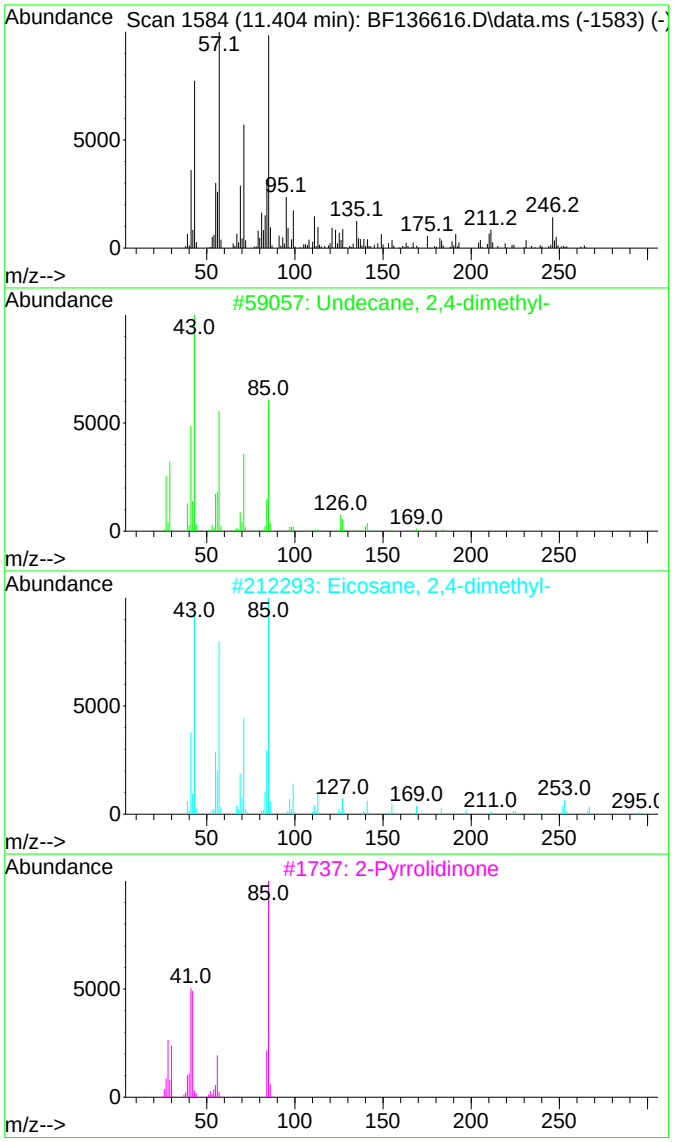
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

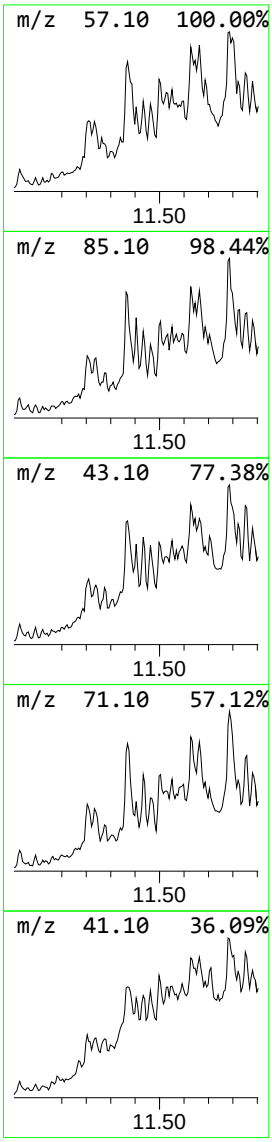
****

Peak Number 9 Undecane, 2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	7.21 ng	279510	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	52
2	Eicosane, 2,4-dimethyl-	310	C22H46	075163-98-3	52
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	35
4	4-Methylpentyl 2-methylbutanoate	186	C11H22O2	035852-40-5	35
5	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

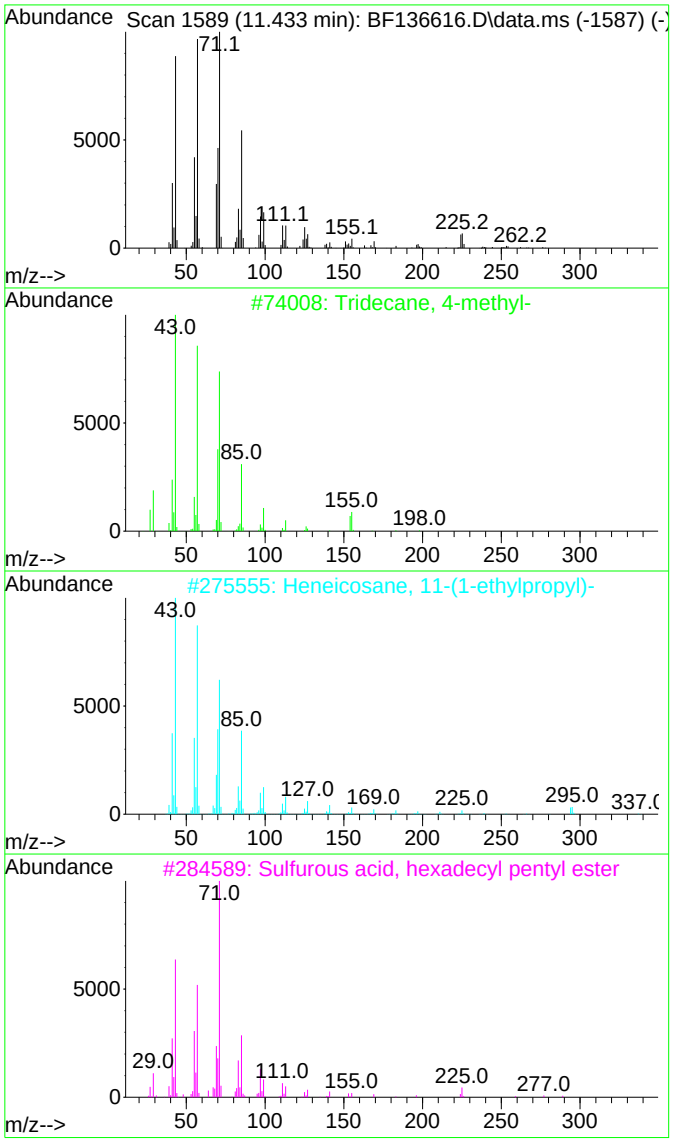
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

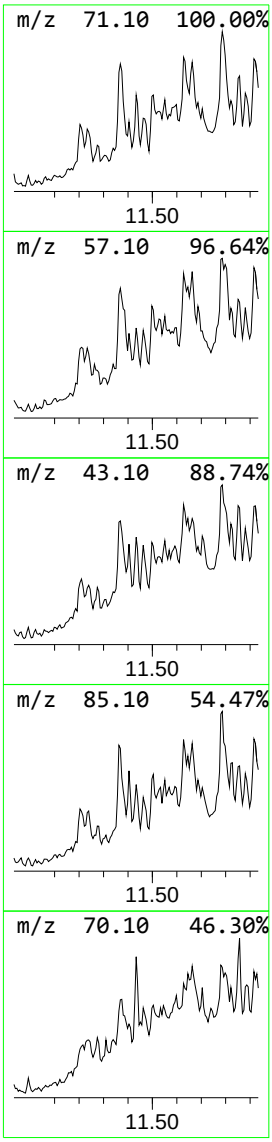
****

Peak Number 10 Tridecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	5.48 ng	212489	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
3	Sulfurous acid, hexadecyl pentyl...	376	C21H44O3S	1000309-14-9	58
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

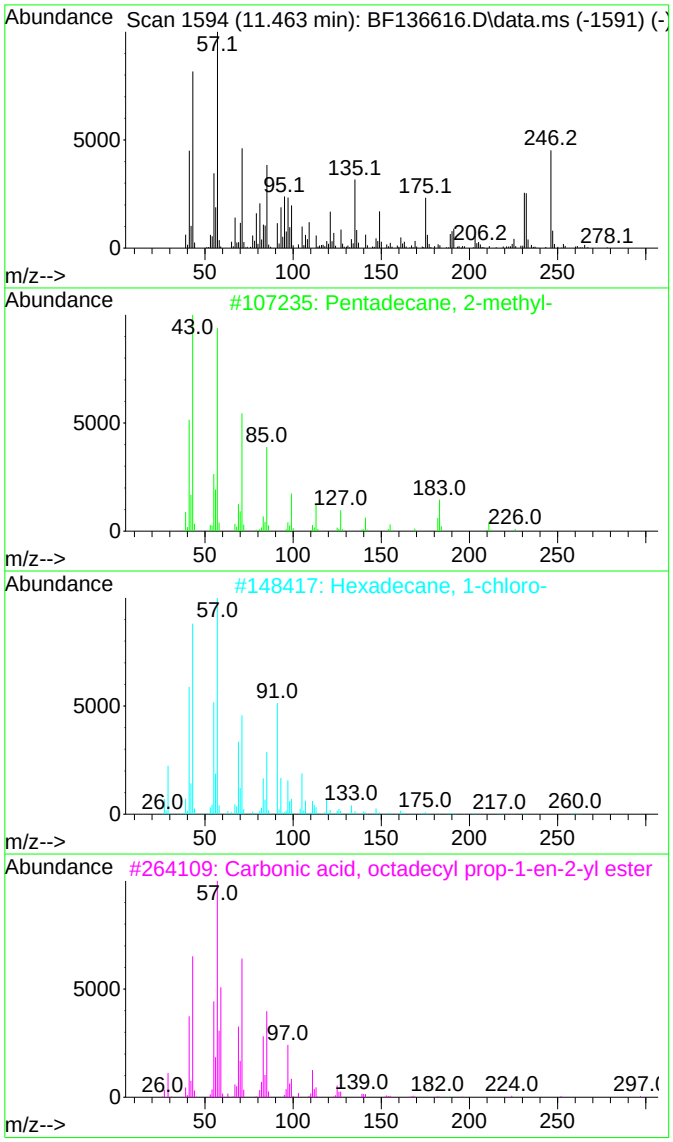
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

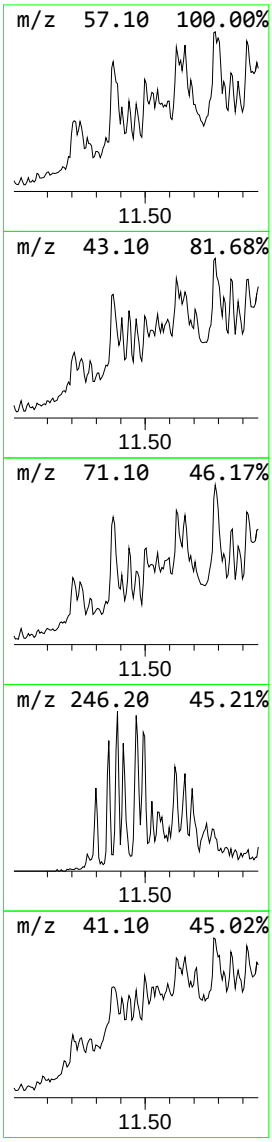
****

Peak Number 11 unknown11.463 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	8.66 ng	335581	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	42
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	30
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	30
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

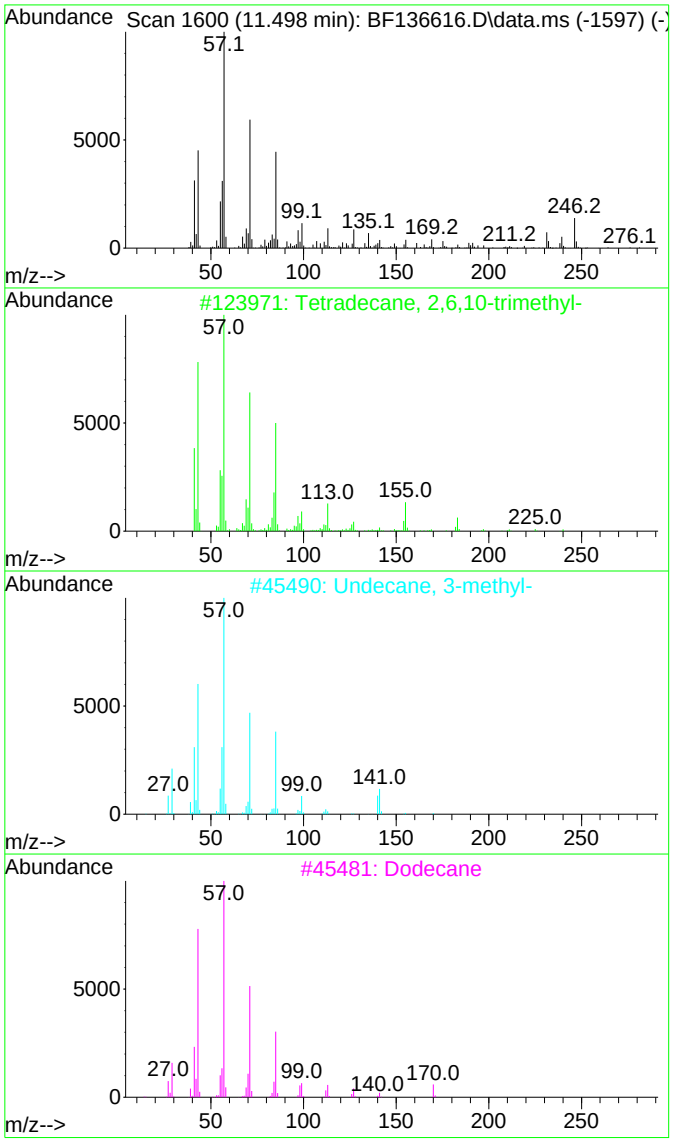
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

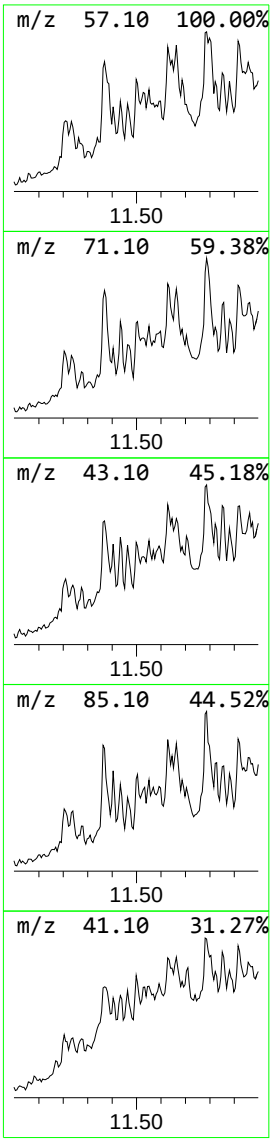
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.498	11.68 ng	452336	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Octadecane	254	C18H38	000593-45-3	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

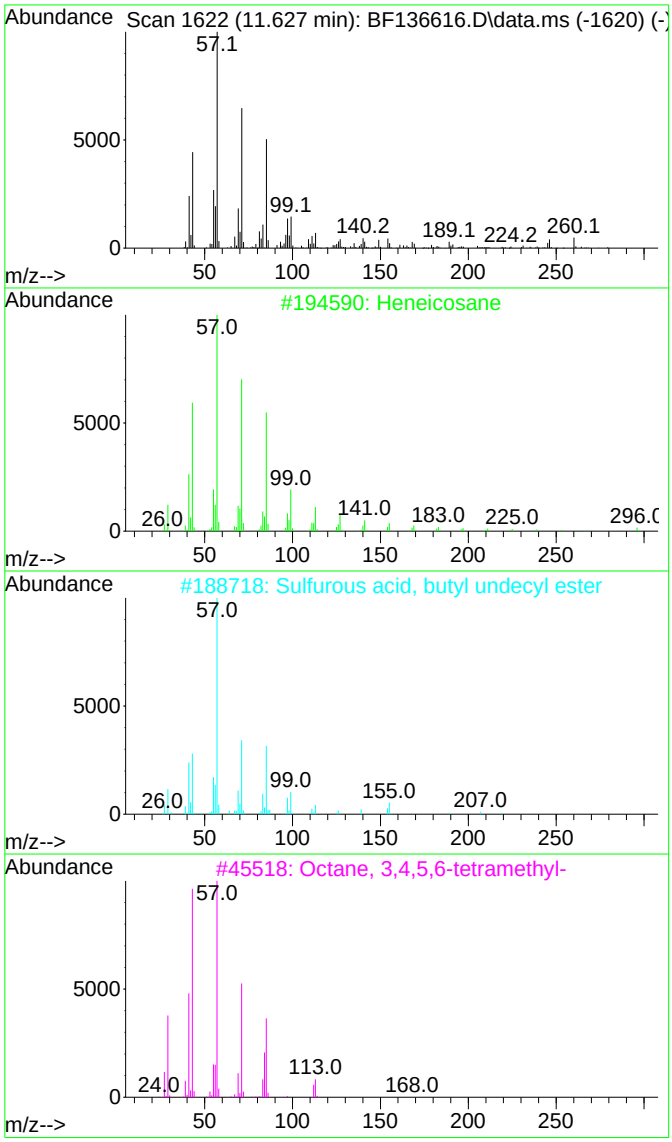
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

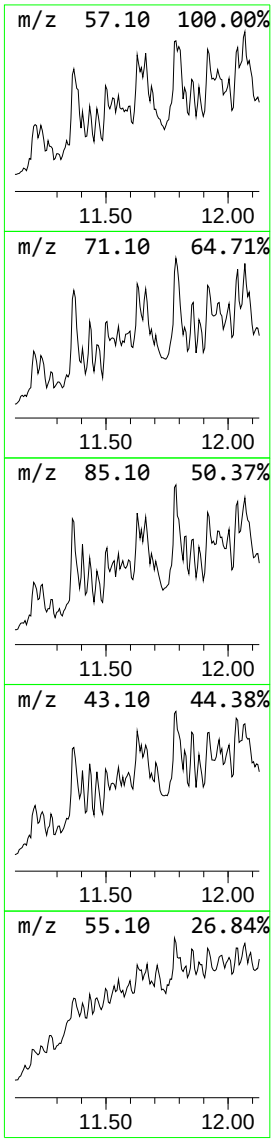
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Sulfurous acid, butyl undec... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	15.22 ng	589520	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
4	Sulfurous acid, dodecyl hexyl ester	334	C18H38O3S	1000309-13-4	47
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

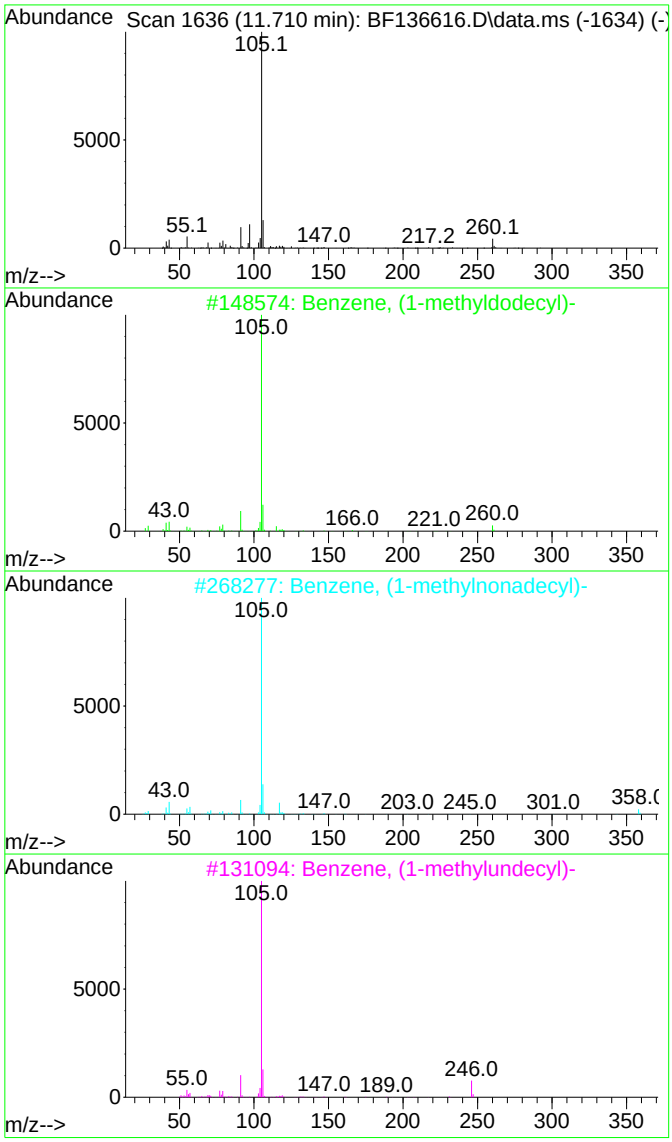
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

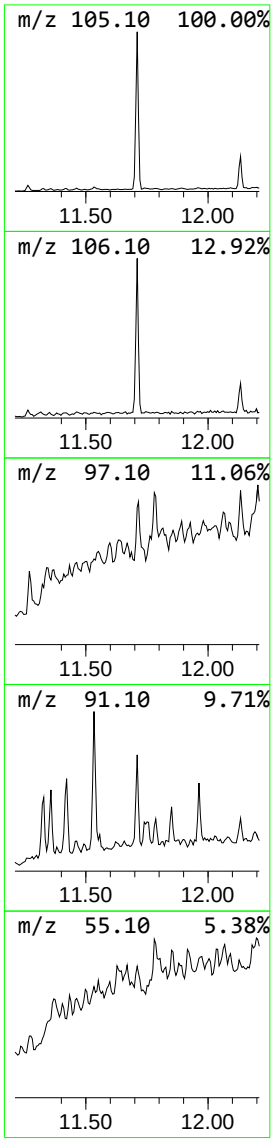
****

Peak Number 14 Benzene, (1-methyldodecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	12.32 ng	477351	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	76
2	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	50
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	50
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	50
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

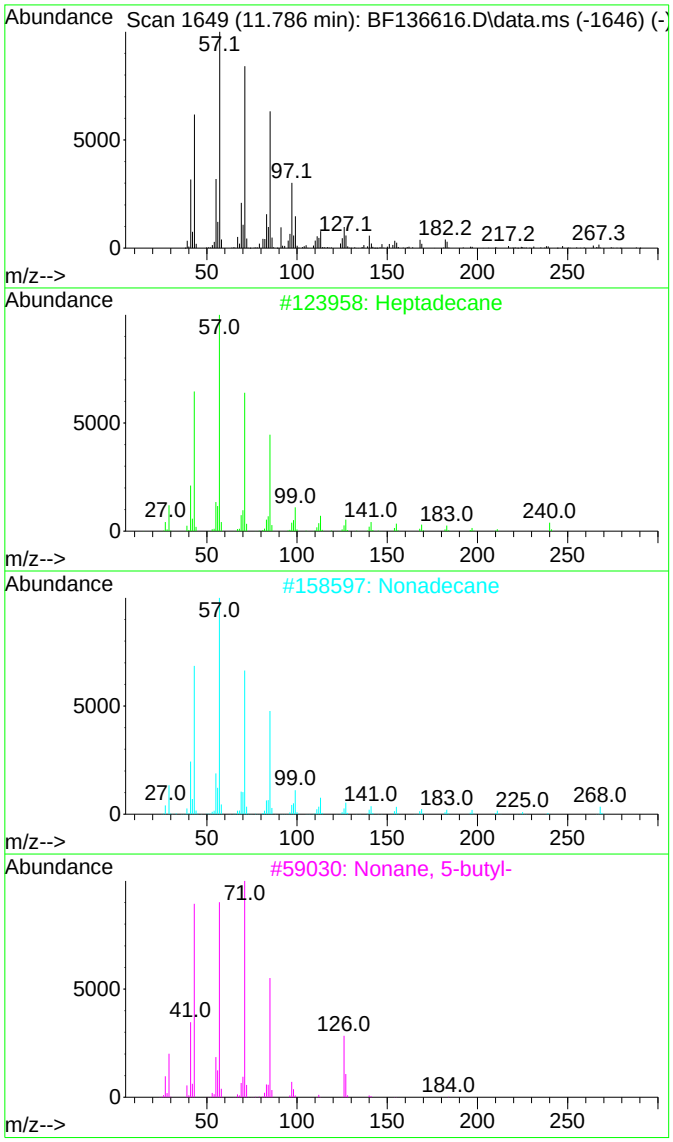
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

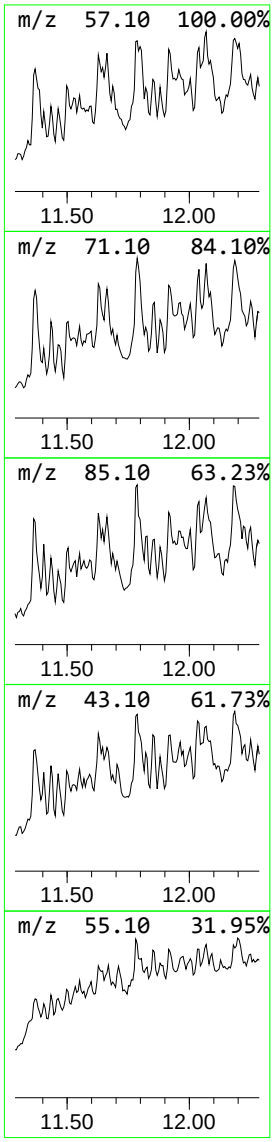
****

Peak Number 15 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	22.35 ng	865815	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Nonadecane	268	C19H40	000629-92-5	72
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

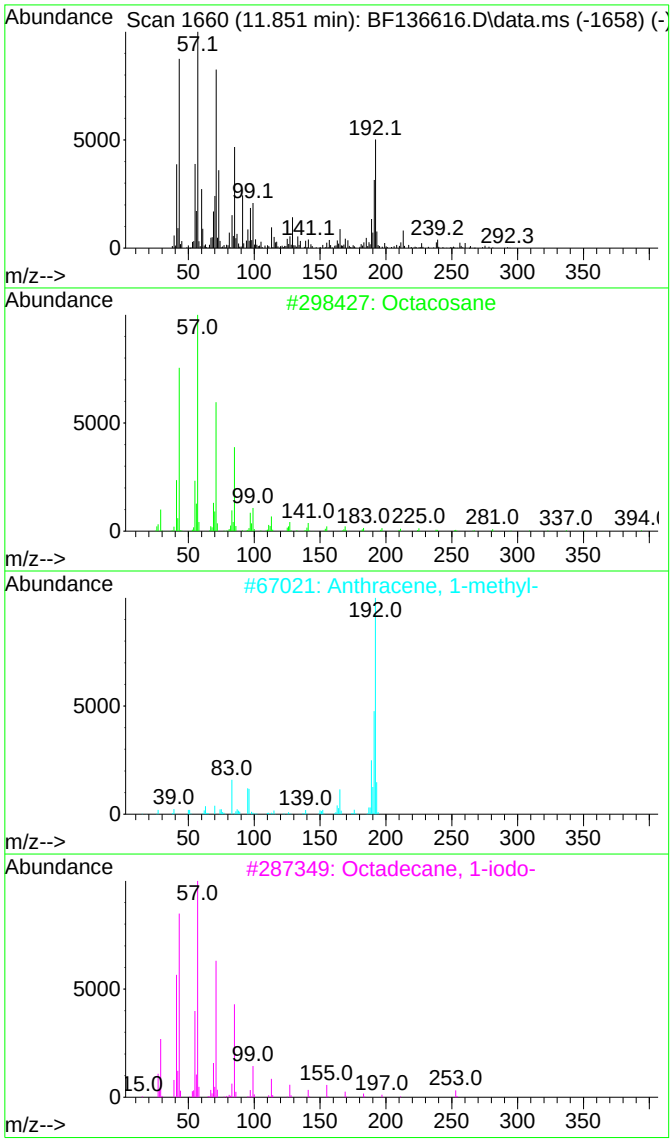
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

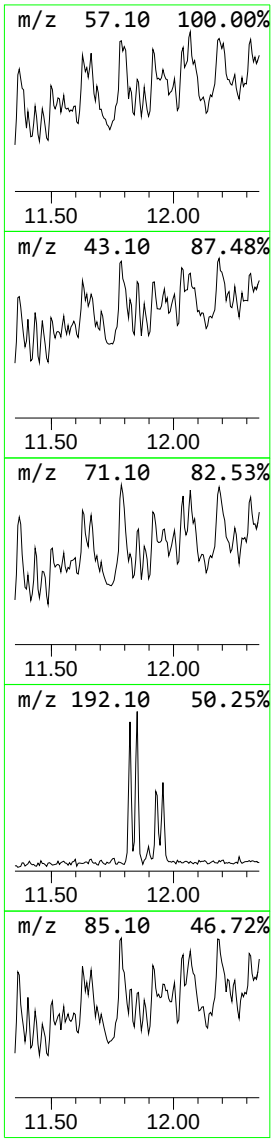
****

Peak Number 16 unknown11.851 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	11.13 ng	431211	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	45
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	45
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
4	Tetratetracontane	619	C44H90	007098-22-8	43
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

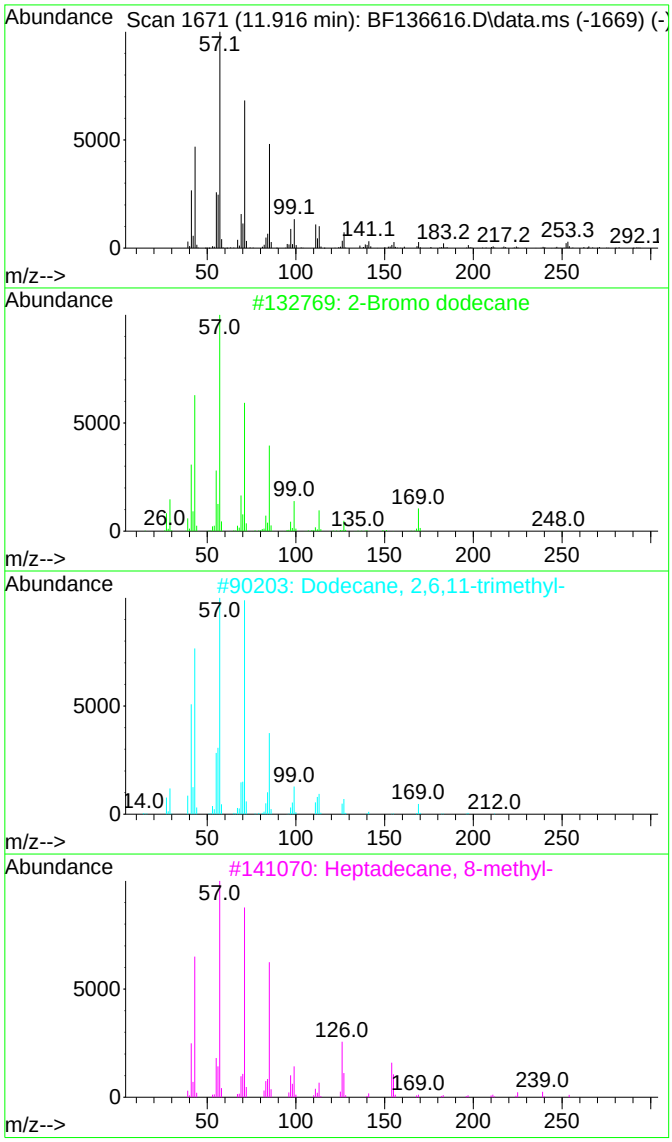
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

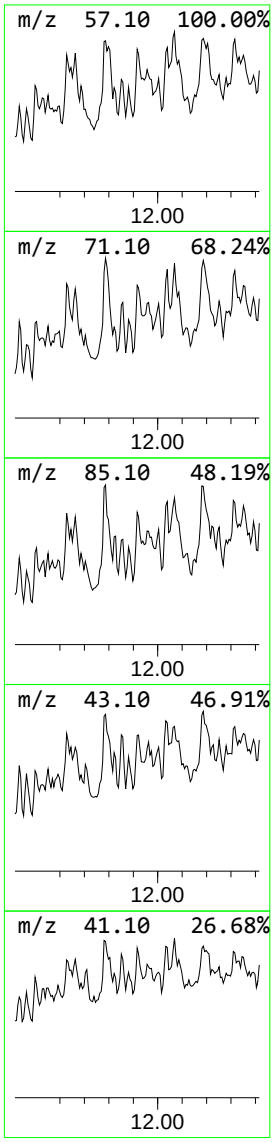
****

Peak Number 17 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	16.18 ng	626800	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

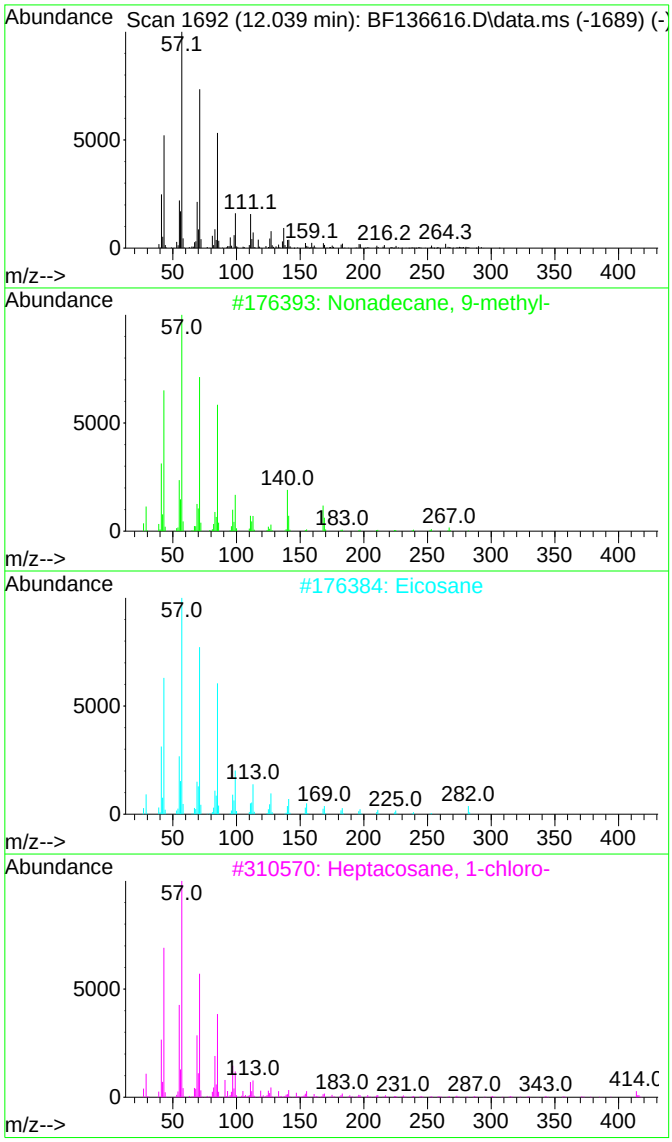
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

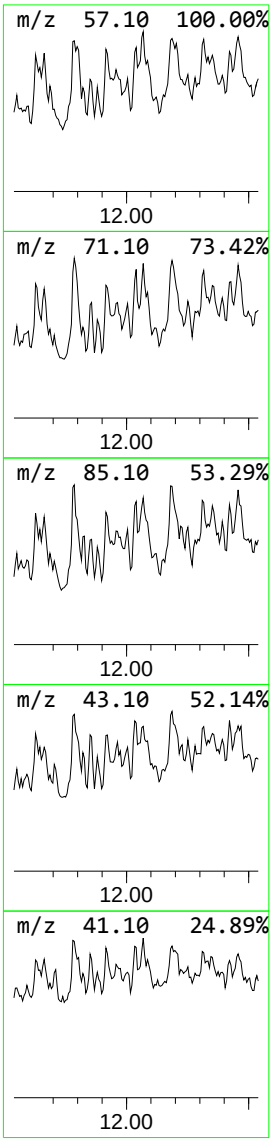
****

Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	11.02 ng	427066	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

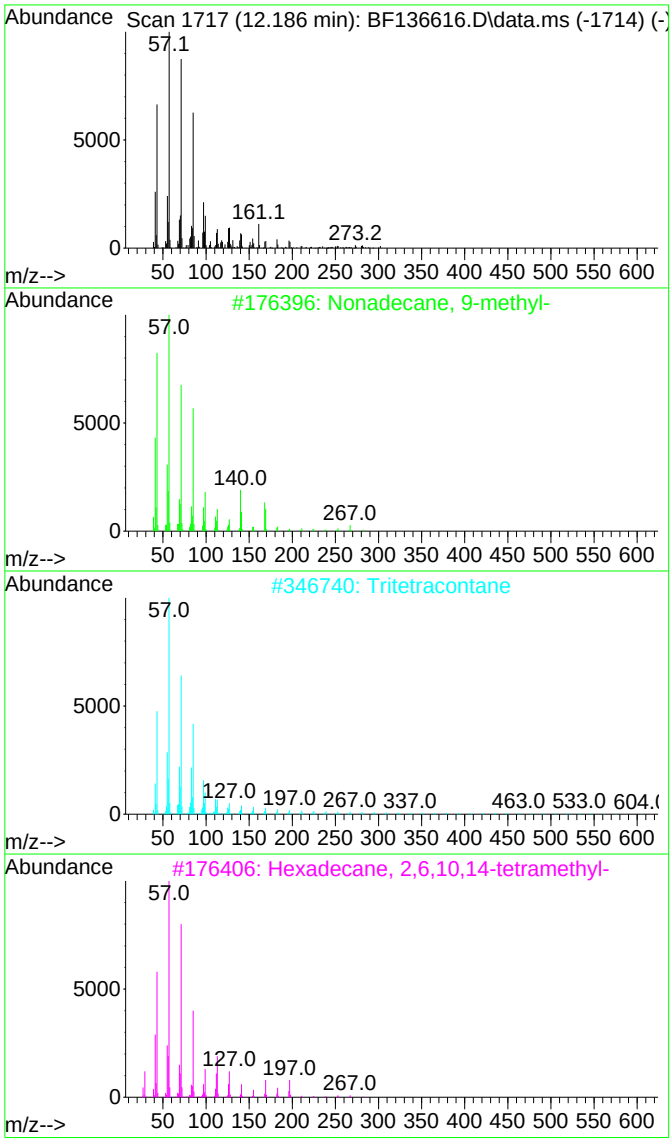
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

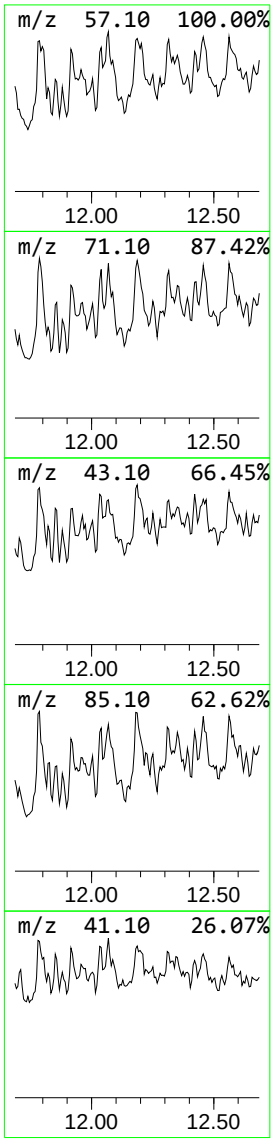
****

Peak Number 19 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	11.07 ng	428796	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Pentacosane	352	C25H52	000629-99-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

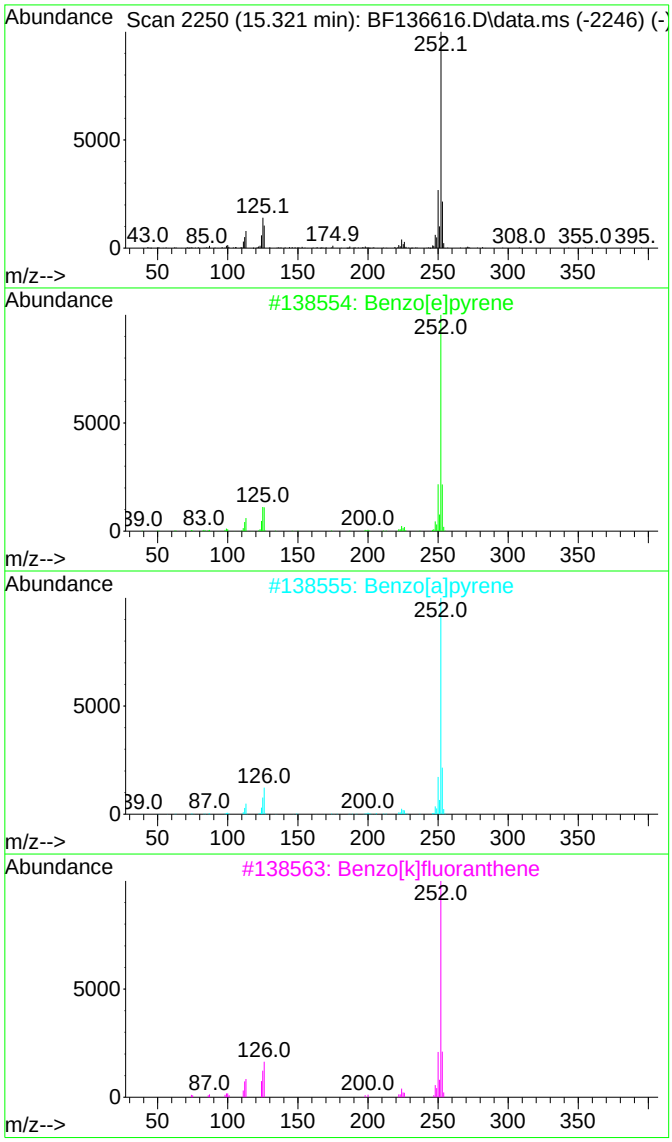
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

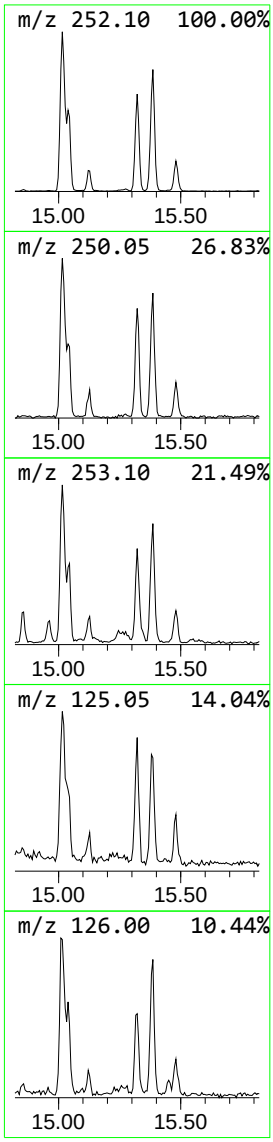
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	6.28 ng	216865	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136616.D
Acq On : 18 Dec 2023 16:03
Operator : CG\JU
Sample : 05798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
(S)-(+)-1,2-Pro...	3.316	2.4	ng	64077	1	6.787	543755	20.0
Tetradecane	10.469	2.5	ng	98978	3	9.822	786400	20.0
Heptadecane, 8-...	10.757	2.6	ng	99089	4	11.316	774816	20.0
9-methylheptade...	10.928	4.3	ng	166419	4	11.316	774816	20.0
unknown11.086	11.086	3.3	ng	129237	4	11.316	774816	20.0
unknown11.175	11.175	7.5	ng	288965	4	11.316	774816	20.0
unknown11.204	11.204	13.1	ng	508041	4	11.316	774816	20.0
Heneicosane	11.233	5.7	ng	221714	4	11.316	774816	20.0
Undecane, 2,4-d...	11.404	7.2	ng	279510	4	11.316	774816	20.0
Tridecane, 4-me...	11.433	5.5	ng	212489	4	11.316	774816	20.0
unknown11.463	11.463	8.7	ng	335581	4	11.316	774816	20.0
Tetradecane, 2,...	11.498	11.7	ng	452336	4	11.316	774816	20.0
Sulfurous acid,...	11.628	15.2	ng	589520	4	11.316	774816	20.0
Benzene, (1-met...	11.710	12.3	ng	477351	4	11.316	774816	20.0
Heptadecane	11.786	22.4	ng	865815	4	11.316	774816	20.0
unknown11.851	11.851	11.1	ng	431211	4	11.316	774816	20.0
2-Bromo dodecane	11.916	16.2	ng	626800	4	11.316	774816	20.0
Nonadecane, 9-m...	12.039	11.0	ng	427066	4	11.316	774816	20.0
Tritetracontane	12.186	11.1	ng	428796	4	11.316	774816	20.0
Benzo[e]pyrene	15.321	6.3	ng	216865	6	15.451	691001	20.0