LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12018

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	22	rVB	1581313	2467627	54.11%	4.145%
2	2.263	23	29	37	rVB4	24165	57628	1.26%	0.097%
3	2.440	48	59	71	rBV2	45049	184983	4.06%	0.311%
4	2.669	90	98	110	rBV	329385	633155	13.88%	1.064%
5	3.310	200	207	217	rBV	58704	128718	2.82%	0.216%
6	3.887	276	305	311	rBV2	22230	124389	2.73%	0.209%
7	4.263	364	369	372	rBV	29275	48929	1.07%	0.082%
8	4.357	373	385	390	rVV3	28421	115472	2.53%	0.194%
9	4.416	390	395	409	rVB	59730	97419	2.14%	0.164%
10	5.093	501	510	520	rBV2	75063	157259	3.45%	0.264%
11	5.493	570	578	584	rBV	1595606	2150159	47.14%	3.612%
12	5.675	604	609	613	rBV	430293	524154	11.49%	0.880%
13	6.081	673	678	682	rBV	107694	140122	3.07%	0.235%
14	6.498	737	749	761	rBV	1677824	2429973	53.28%	4.082%
15	6.704	781	784	788	rVB	51280	60819	1.33%	0.102%
16	6.798	795	800	808	rVB	55969	73576	1.61%	0.124%
17	6.875	808	813	819	rVV	540830	674382	14.79%	1.133%
18	6.934	819	823	828	rVV	102204	133966	2.94%	0.225%
19	7.010	832	836	840	rVV2	49961	76250	1.67%	0.128%
20	7.051	840	843	855	rVB2	34860	65907	1.45%	0.111%
21	7.257	872	878	898	rVB	3223754	4560800	100.00%	7.661%
22	7.404	898	903	904	rBV	128191	132005	2.89%	0.222%
23	7.434	904	908	913	rVB	1029367	1363839	29.90%	2.291%
24	7.540	918	926	934	rVV	130065	268772	5.89%	0.451%
25	7.610	934	938	945	rVV	75113	125957	2.76%	0.212%
26	7.687	945	951	956	rVB2	61255	97972	2.15%	0.165%
27	7.969	978	999	1011	rBV	907827	3609483	79.14%	6.063%
28	8.063	1011	1015	1023	rVV2	45574	77190	1.69%	0.130%
29	8.157	1024	1031	1033	rVV	676150	917514	20.12%	1.541%
30	8.181	1033	1035	1039	rVV	559852	612793	13.44%	1.029%
31	8.251	1041	1047	1052	rVV	2195154	3188676	69.91%	5.356%
32	8.304	1053	1056	1062	rVB2	51845	80244	1.76%	0.135%
33	8.451	1076	1081	1085	rVB	188357	229279	5.03%	0.385%
34	8.498	1085	1089	1092	rBV	48595	66994	1.47%	0.113%
35	8.534	1092	1095	1098	rVV	121885	162198	3.56%	0.272%
36	8.587	1098	1104	1113	rVB	2298666	3218092	70.56%	5.406%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.710	1119	1125	1128	rBV3	33240	54459	1.19%	0.091%
38	8.745	1128	1131	1134	rBV	63043	78469	1.72%	0.132%
39	8.816	1139	1143	1146	rBV	44617	60559	1.33%	0.102%
40	8.863	1146	1151	1157	rVB6	45985	101364	2.22%	0.170%
41	8.981	1166	1171	1173	rBV3	39744	65899	1.44%	0.111%
42	9.081	1181	1188	1198	rBV2	328590	603838	13.24%	1.014%
43	9.175	1201	1204	1209	rVB3	61495	83173	1.82%	0.140%
44	9.234	1209	1214	1219	rVB	1720047	2120745	46.50%	3.562%
45	9.310	1223	1227	1235	rBV	165658	237795	5.21%	0.399%
46	9.381	1236	1239	1242	rBV	38777	60697	1.33%	0.102%
47	9.439	1246	1249	1253	rVB3	40427	47902	1.05%	0.080%
48	9.498	1253	1259	1264	rVB3	50037	109773	2.41%	0.184%
49	9.569	1267	1271	1277	rBV4	75446	145376	3.19%	0.244%
50	9.628	1277	1281	1285	rBV4	96957	166994	3.66%	0.281%
51	9.716	1290	1296	1301	rBV	1872992	2398993	52.60%	4.030%
52	9.845	1313	1318	1320	rBV	253292	354530	7.77%	0.596%
53	9.916	1325	1330	1334	rVB	665327	817840	17.93%	1.374%
54	10.116	1360	1364	1369	rVV6	85817	178390	3.91%	0.300%
55	10.163	1369	1372	1381	rVB6	78649	175471	3.85%	0.295%
56	10.234	1381	1384	1391	rBV3	108501	176387	3.87%	0.296%
57	10.345	1397	1403	1407	rBV	354862	501529	11.00%	0.842%
58	10.563	1436	1440	1443	rBV	150373	224090	4.91%	0.376%
59	10.604	1444	1447	1448	rVV2	120759	149694	3.28%	0.251%
60	10.628	1449	1451	1458	rVV	206513	271312	5.95%	0.456%
61	10.710	1458	1465	1474	rVV2	1088190	1991053	43.66%	3.344%
62	10.781	1474	1477	1480	rVV4	61952	79400	1.74%	0.133%
63	10.822	1480	1484	1493	rVB	437236	770557	16.90%	1.294%
64	11.210	1547	1550	1555	rVB	210348	264940	5.81%	0.445%
65	11.269	1555	1560	1562	rVV	253086	355389	7.79%	0.597%
66	11.298	1562	1565	1570	rVB2	206772	281262	6.17%	0.472%
67	11.404	1579	1583	1588	rBV	542333	679386	14.90%	1.141%
68	11.698	1629	1633	1638	rVB	193785	259464	5.69%	0.436%
69	11.792	1645	1649	1652	rBV	166032	255954	5.61%	0.430%
70	11.828	1652	1655	1659	rVV	253813	372144	8.16%	0.625%
71	11.863	1659	1661	1666	rVB	110646	129194	2.83%	0.217%
72	11.933	1668	1673	1680	rBV2	508828	741144	16.25%	1.245%
73	12.045	1688	1692	1696	rVV	230709	284415	6.24%	0.478%
74	12.104	1698	1702	1707	rVB2	202557	275192	6.03%	0.462%
75	12.210	1716	1720	1727	rBV	1368564	1821527	39.94%	3.060%
76	12.386	1746	1750	1755	rBV	289374	445604	9.77%	0.749%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.492	1765	1768	1772	rBV	185966	253613	5.56%	0.426%
78	12.610	1785	1788	1791	rBV	108781	159216	3.49%	0.267%
79	12.722	1804	1807	1810	rBV4	79171	97140	2.13%	0.163%
80	12.898	1834	1837	1844	rVB	277515	372293	8.16%	0.625%
81	12.998	1849	1854	1856	rBV	2259843	3546810	77.77%	5.958%
82	13.251	1893	1897	1901	rBV2	458617	628705	13.78%	1.056%
83	13.298	1902	1905	1914	rVB	500127	750831	16.46%	1.261%
84	13.433	1924	1928	1932	rBV	216224	344564	7.55%	0.579%
85	13.757	1979	1983	1993	rBV	1227027	1871406	41.03%	3.143%
86	13.845	1994	1998	2003	rVB2	532290	792890	17.38%	1.332%
87	14.057	2031	2034	2039	rVB	518431	687548	15.08%	1.155%
88	14.451	2097	2101	2111	rVB	518055	847046	18.57%	1.423%
89	14.716	2141	2146	2151	rBV3	508338	893609	19.59%	1.501%
90	15.563	2286	2290	2301	rVB	308254	522840	11.46%	0.878%
91	15.721	2312	2317	2327	rVB	256757	515732	11.31%	0.866%

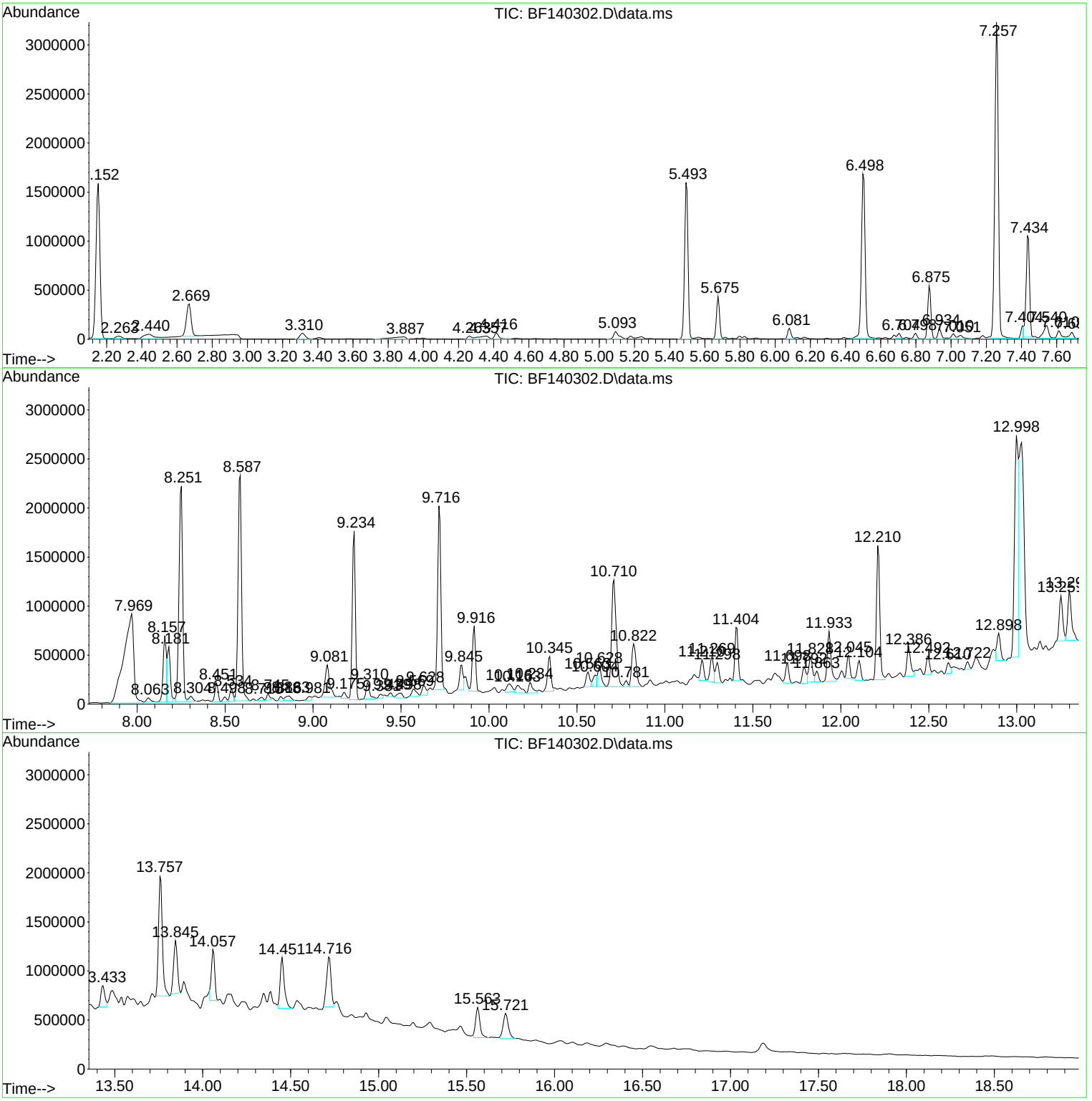
Sum of corrected areas: 59532842

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

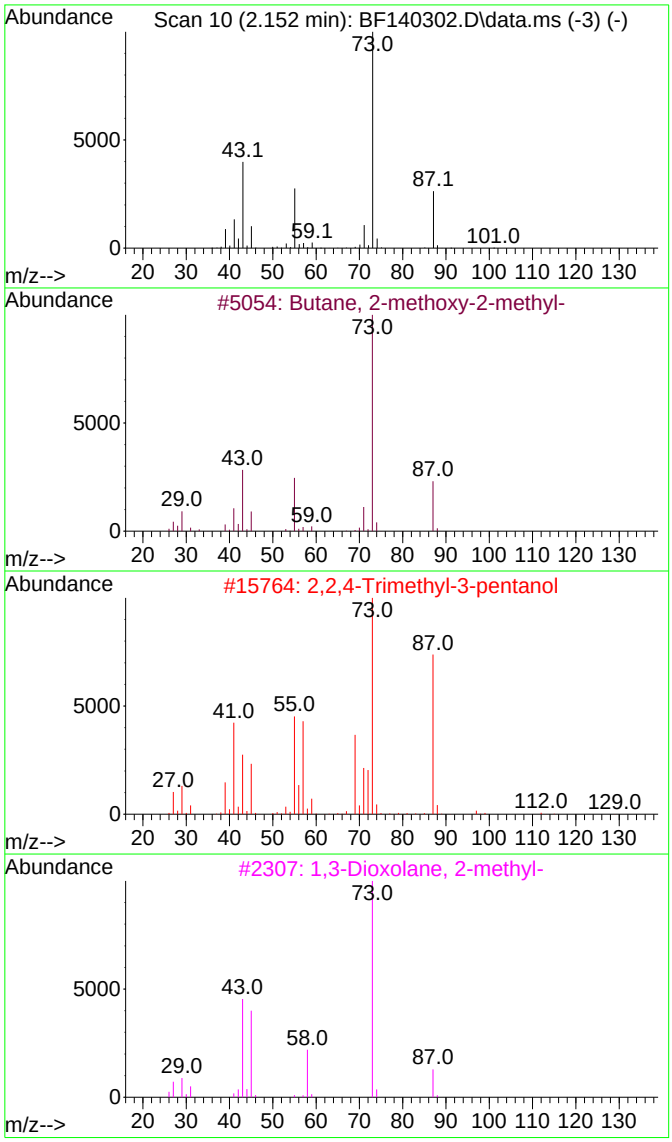
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

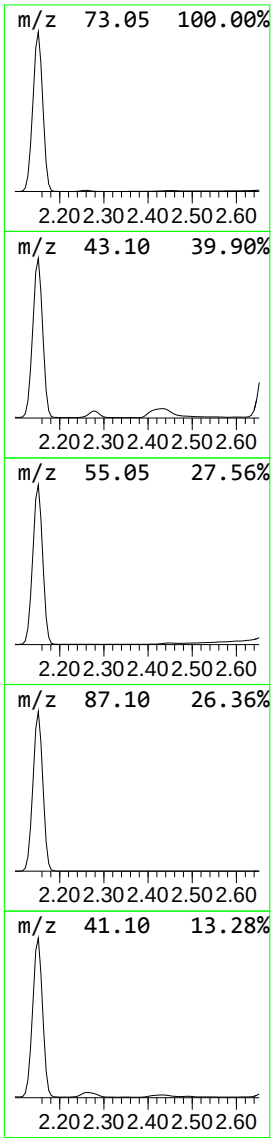
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	73.18 ng	2467630	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

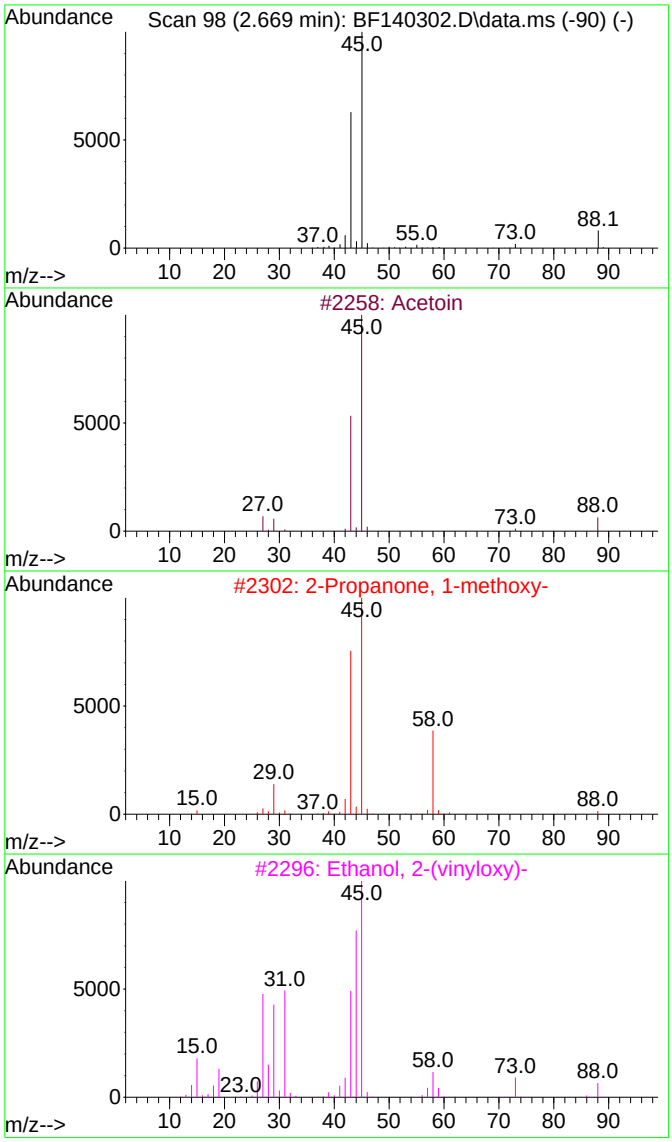
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

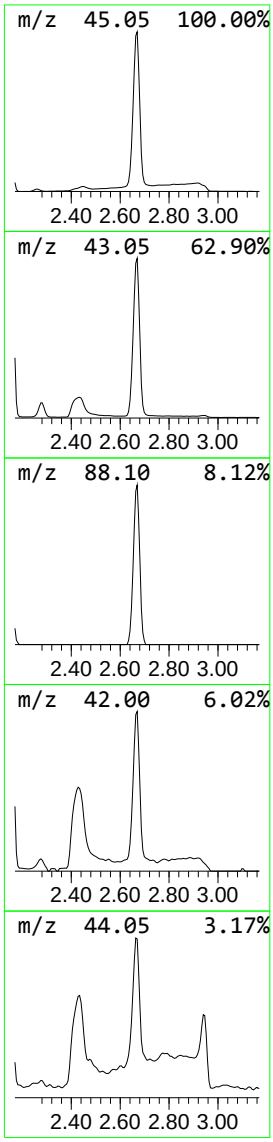
****

Peak Number 2 Acetoin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.669	18.78 ng	633155	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoin	88	C4H8O2	000513-86-0	86
2	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	43
3	Ethanol, 2-(vinyloxy)-	88	C4H8O2	000764-48-7	9
4	Propane, 1-methoxy-2-methyl-	88	C5H12O	000625-44-5	9
5	Isoamyl lactate	160	C8H16O3	019329-89-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

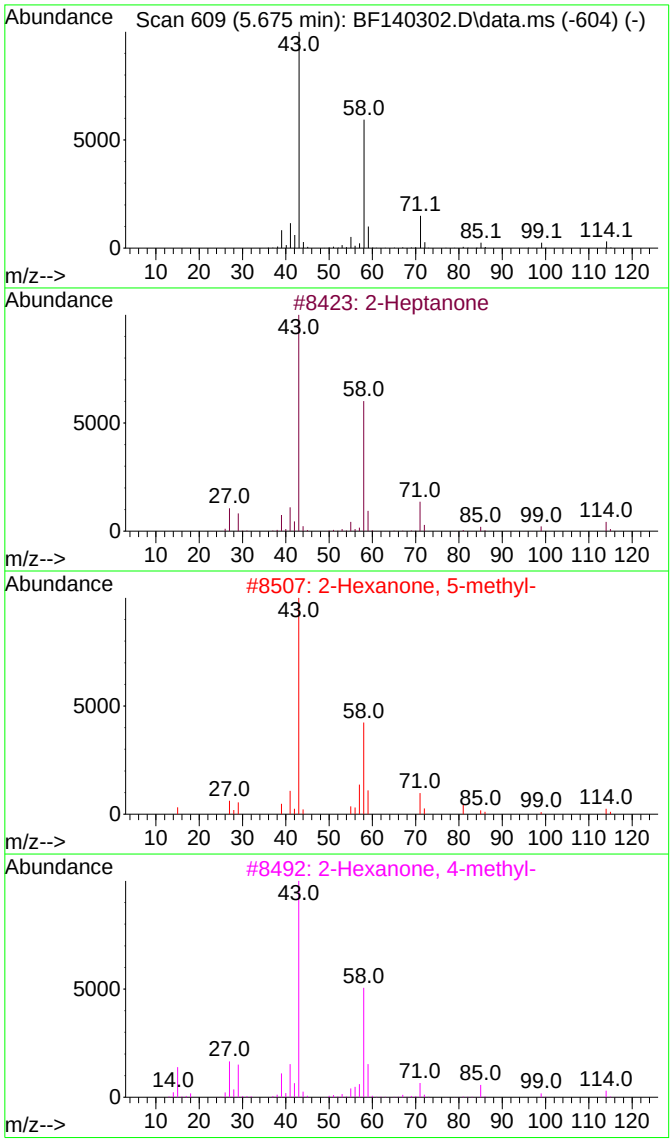
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

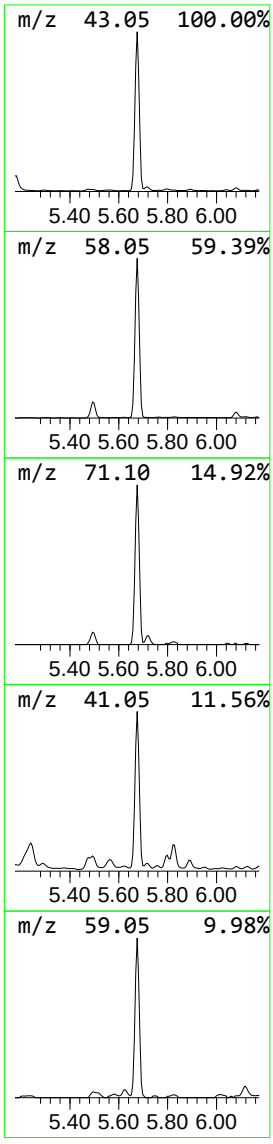
****

Peak Number 3 2-Heptanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.675	15.54 ng	524154	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	64
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	40
5	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

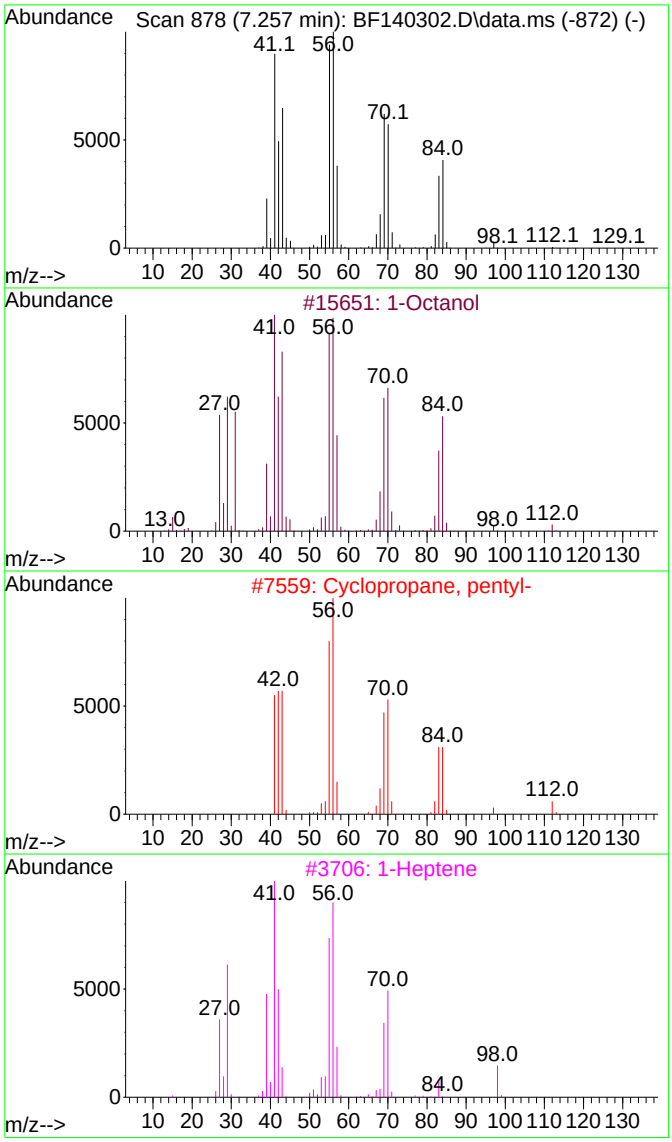
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

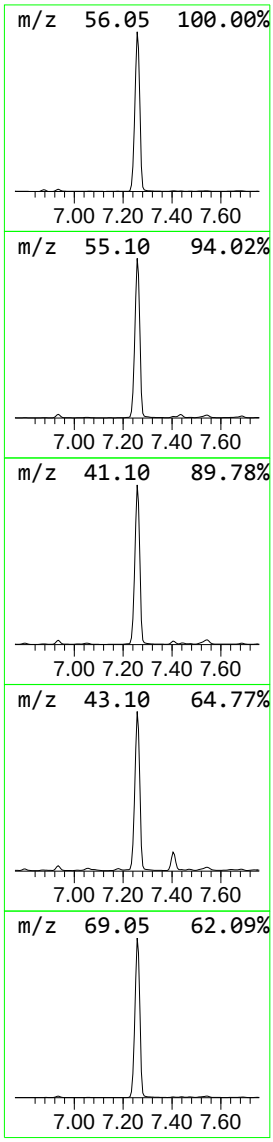
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Octanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	135.26 ng	4560800	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	91
2	Cyclopropane, pentyl-	112	C8H16	002511-91-3	78
3	1-Heptene	98	C7H14	000592-76-7	64
4	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	59
5	Formic acid, octyl ester	158	C9H18O2	000112-32-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

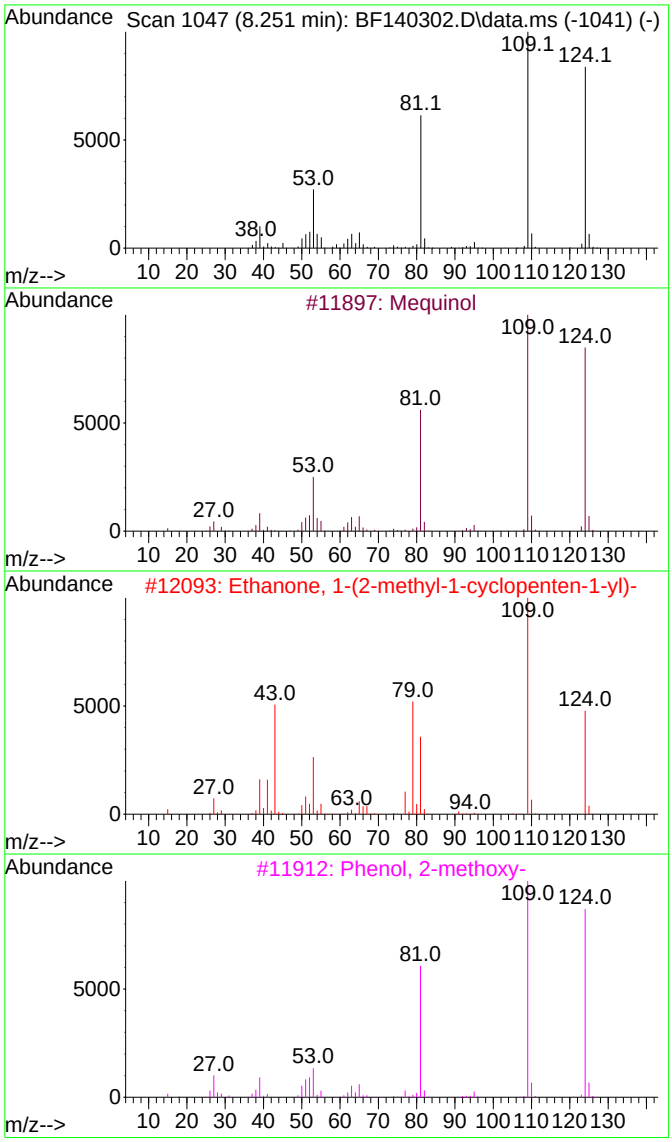
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

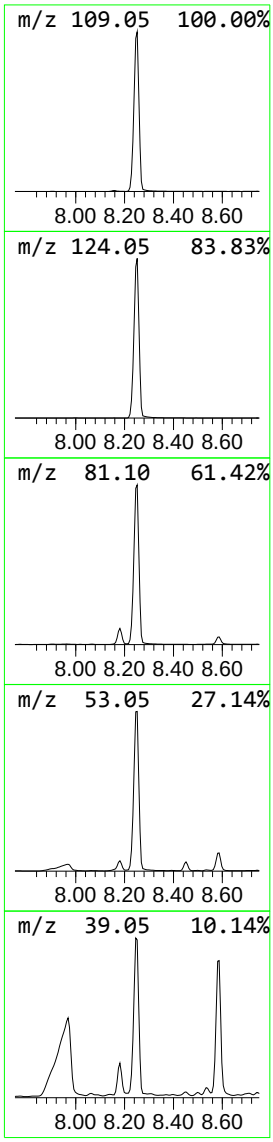
****

Peak Number 5 Mequinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	69.51 ng	3188680	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	97
2	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	80
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

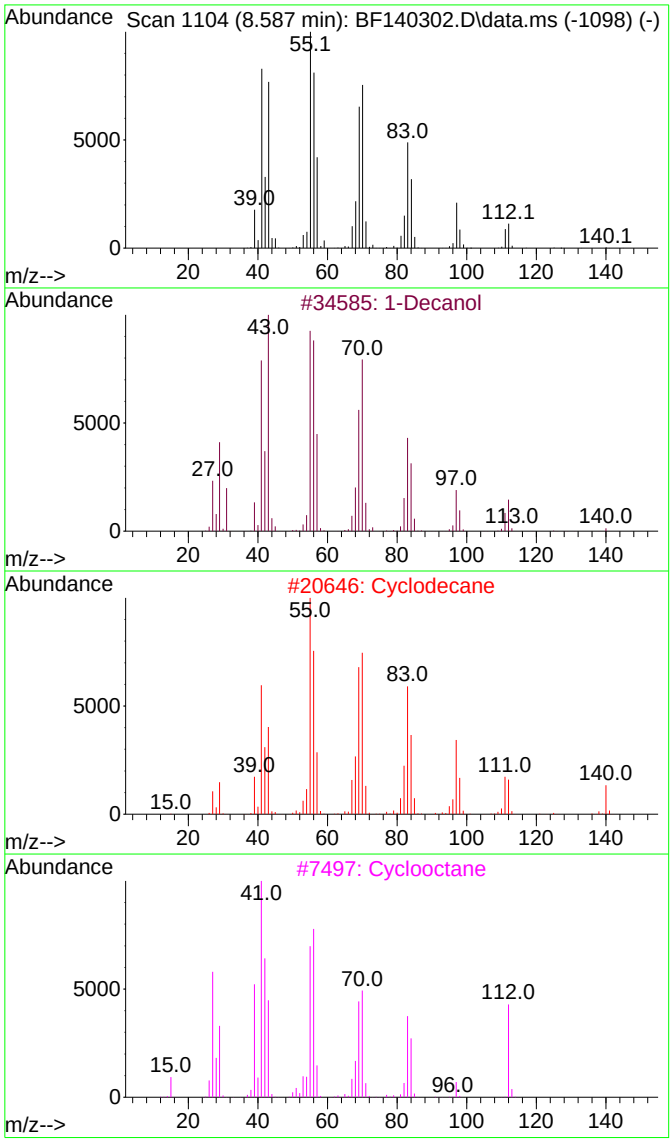
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

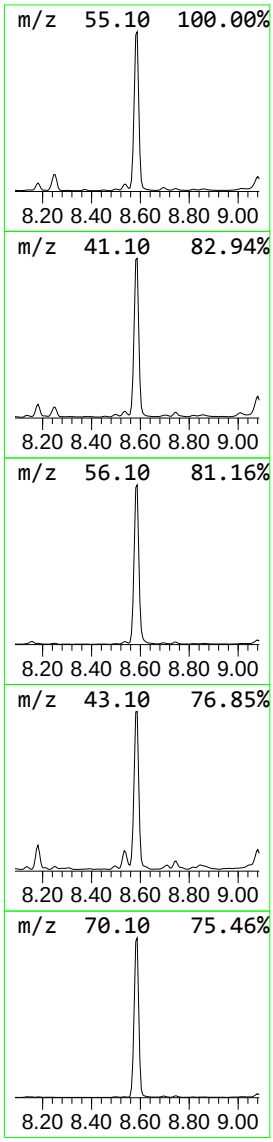
****

Peak Number 6 1-Decanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	70.15 ng	3218090	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol	158	C10H22O	000112-30-1	91
2	Cyclodecane	140	C10H20	000293-96-9	90
3	Cyclooctane	112	C8H16	000292-64-8	87
4	1-Decene	140	C10H20	000872-05-9	87
5	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

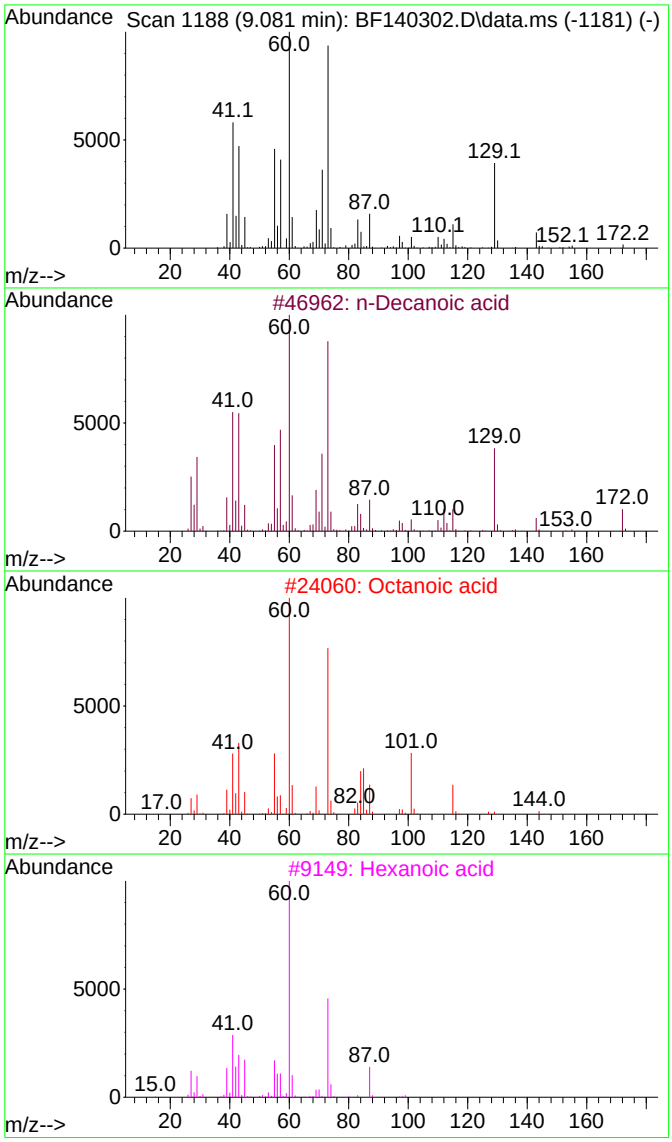
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

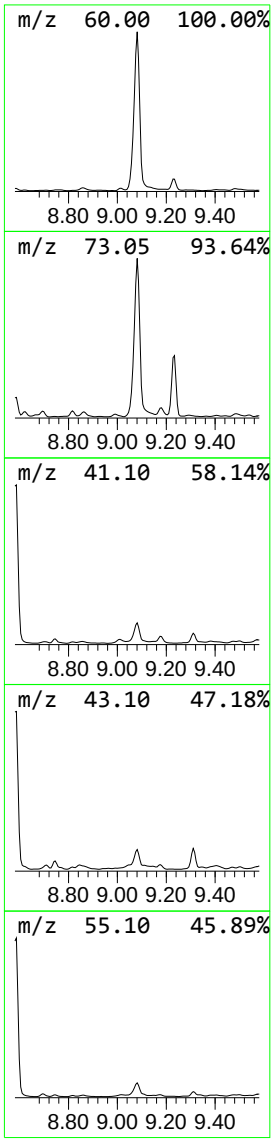
****

Peak Number 7 n-Decanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	14.77 ng	603838	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Octanoic acid	144	C8H16O2	000124-07-2	47
3	Hexanoic acid	116	C6H12O2	000142-62-1	47
4	Nonanoic acid	158	C9H18O2	000112-05-0	42
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

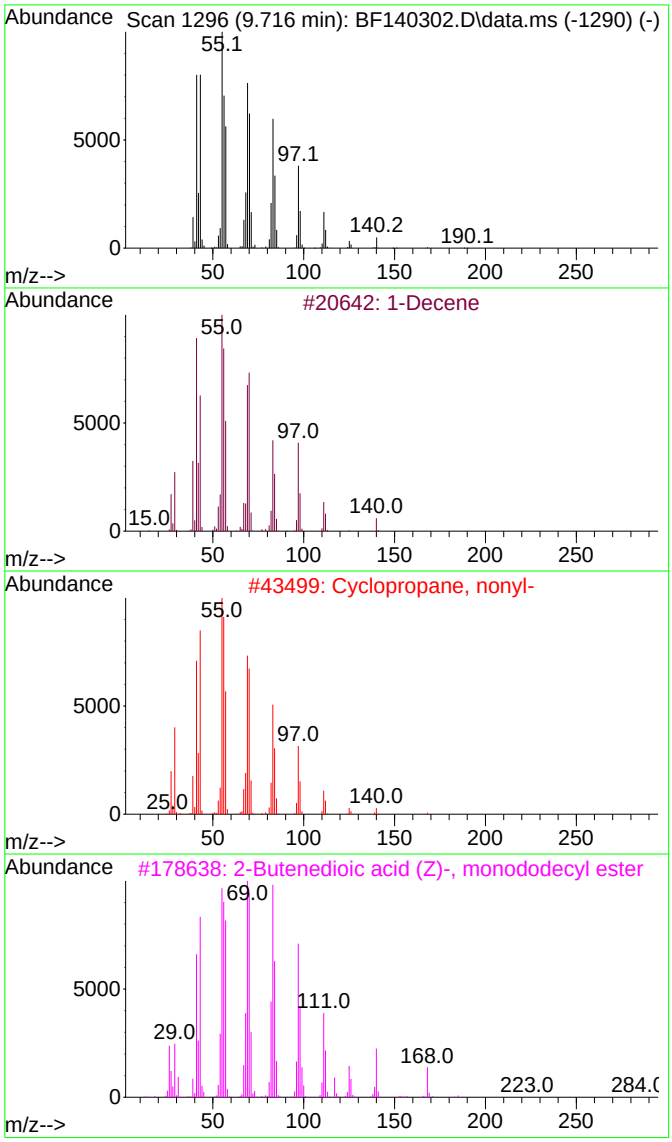
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

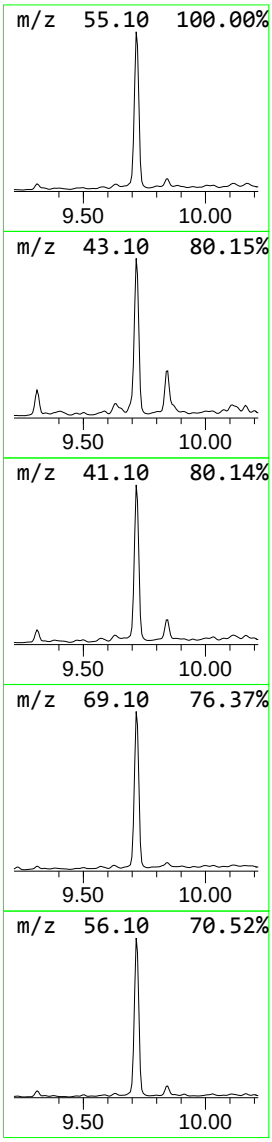
****

Peak Number 8 1-Decene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	58.67 ng	2398990	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	94
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	93
3	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	91
4	Cyclododecane	168	C12H24	000294-62-2	91
5	Cyclodecane	140	C10H20	000293-96-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

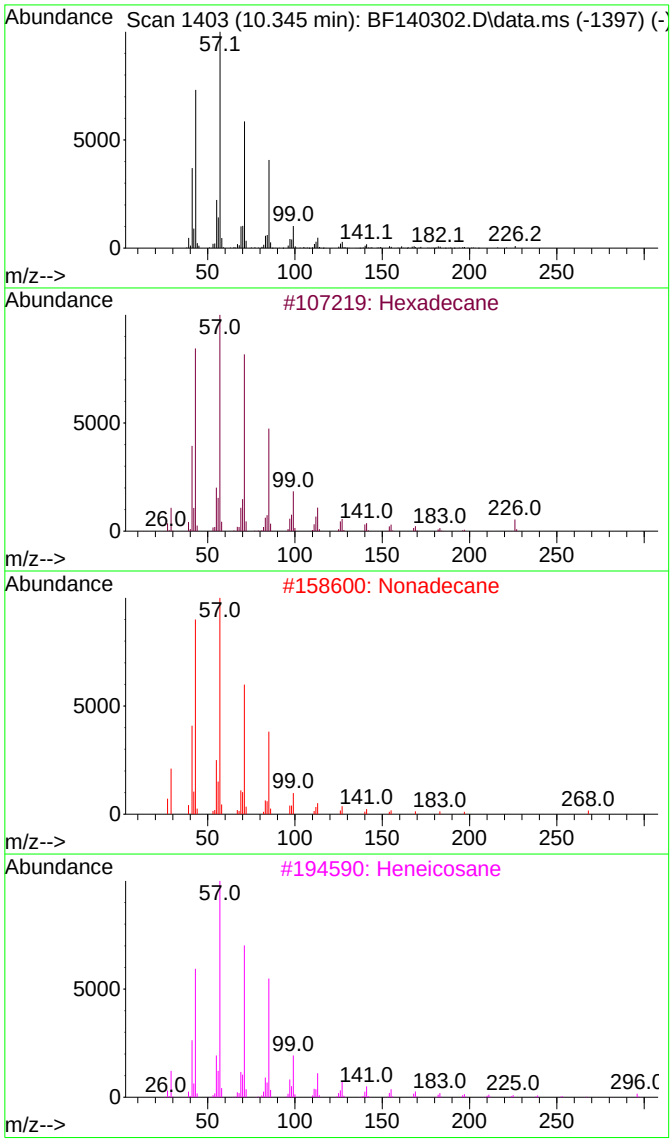
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

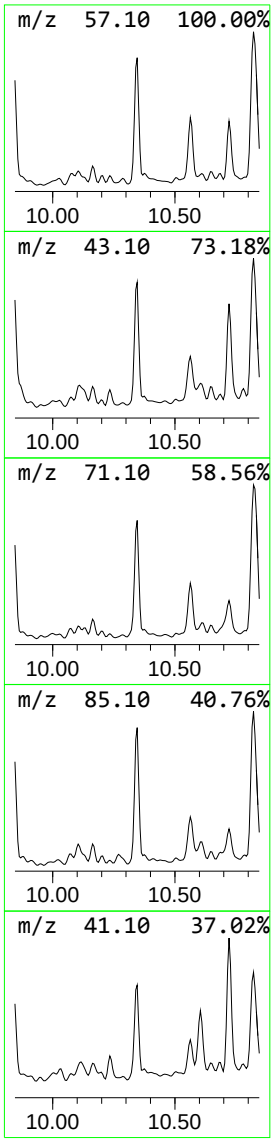
****

Peak Number 9 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	12.26 ng	501529	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

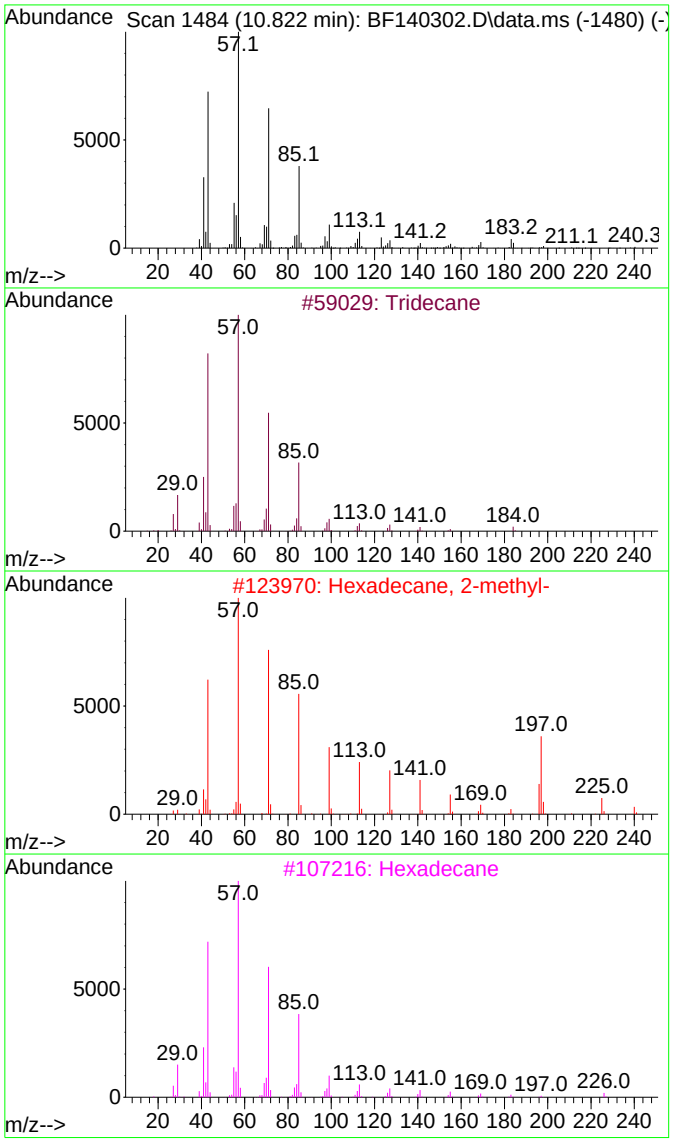
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

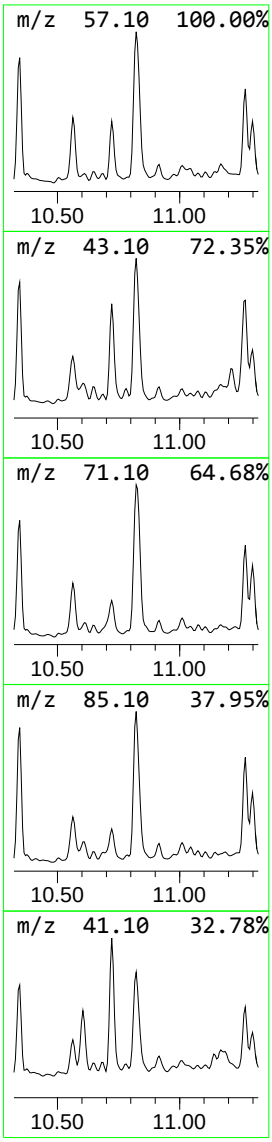
****

Peak Number 10 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	22.68 ng	770557	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Eicosane	282	C20H42	000112-95-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

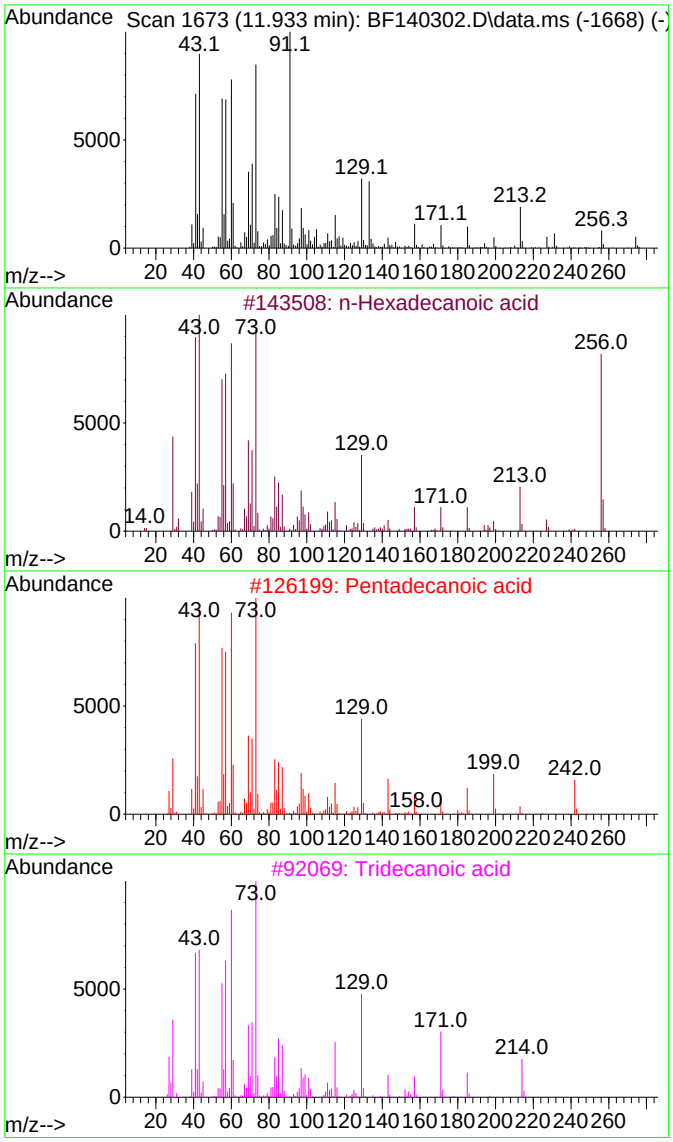
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

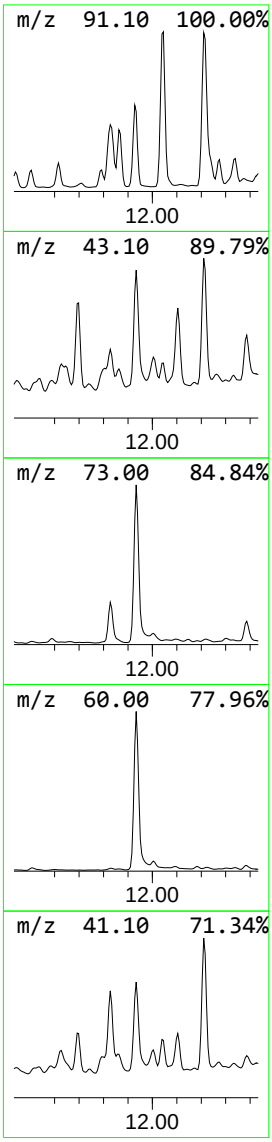
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	21.82 ng	741144	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

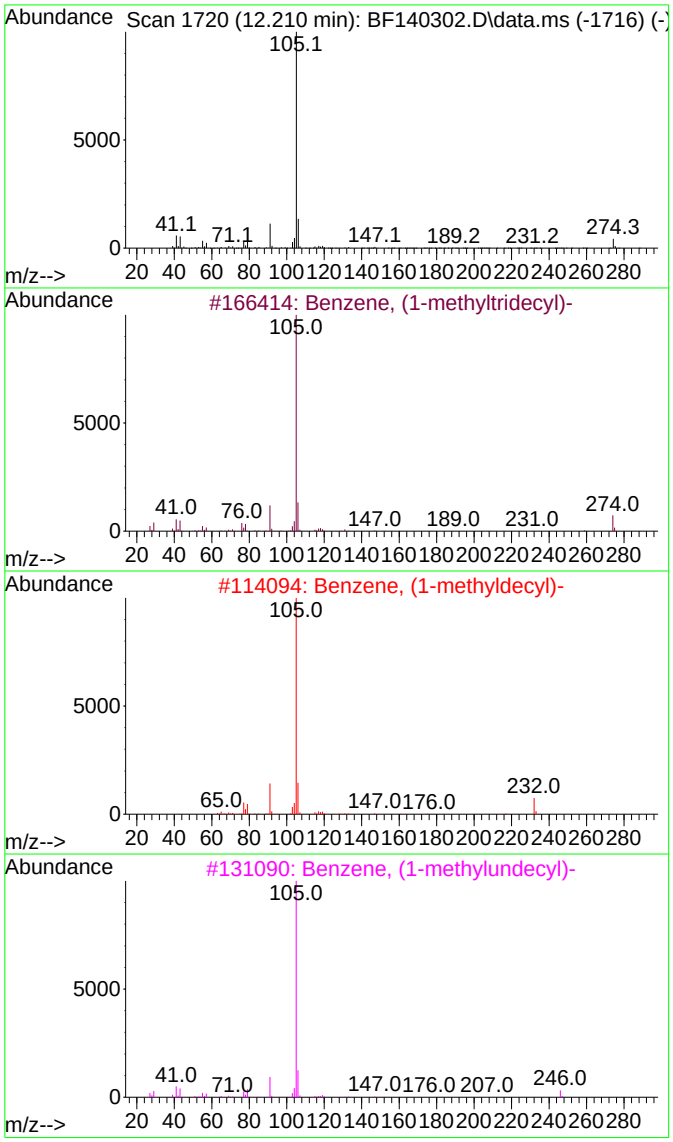
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

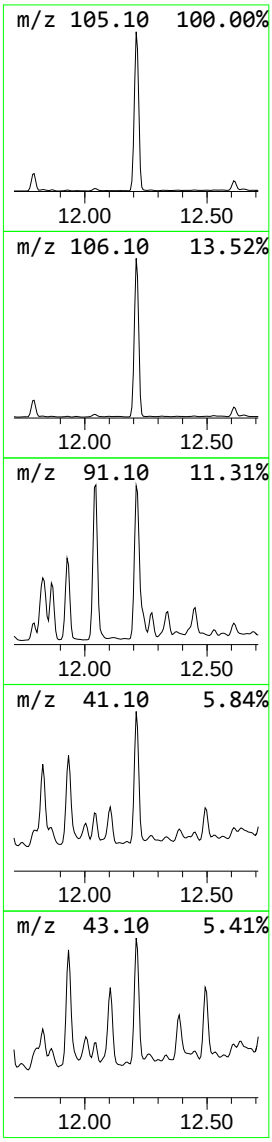
****

Peak Number 12 Benzene, (1-methyltridecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	53.62 ng	1821530	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	91
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

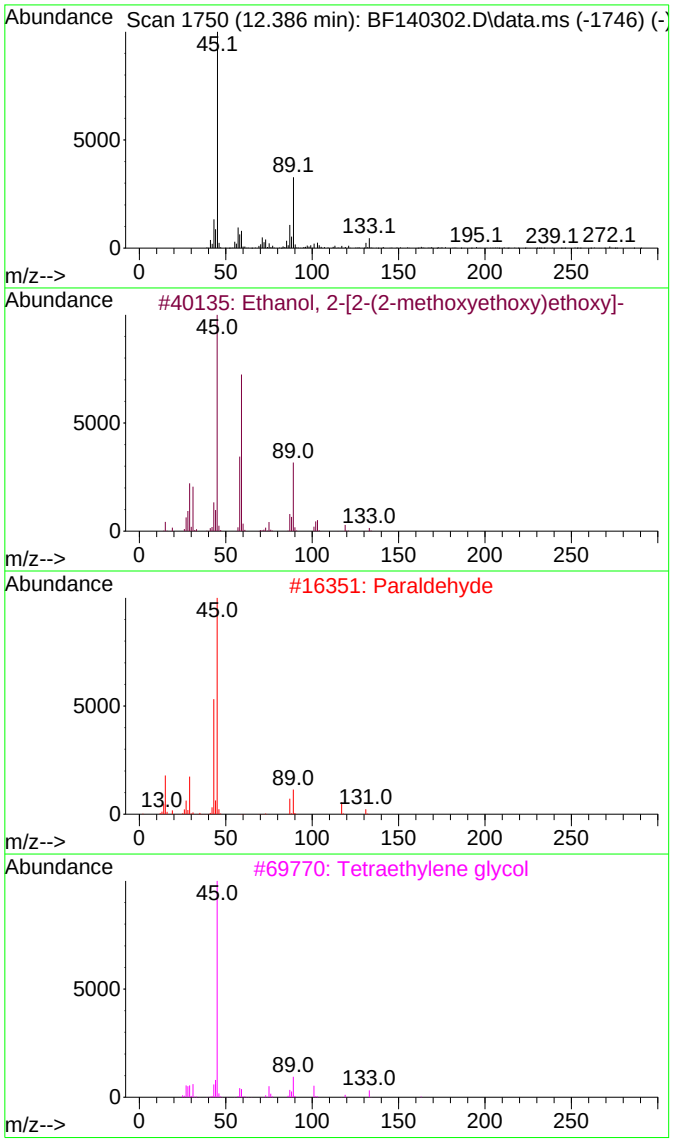
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

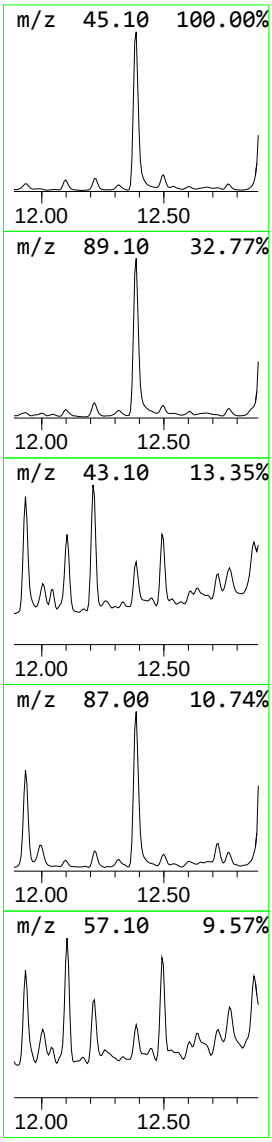
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	13.12 ng	445604	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	64
2	Paraldehyde	132	C6H12O3	000123-63-7	58
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	56
4	Triethylene glycol	150	C6H14O4	000112-27-6	56
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

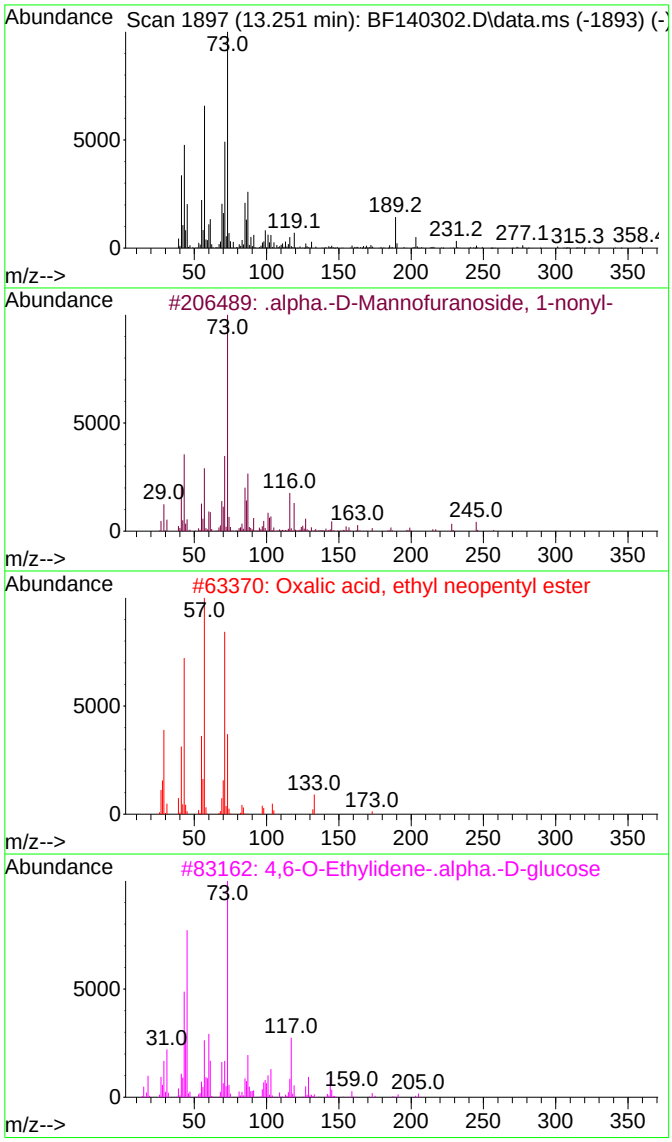
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

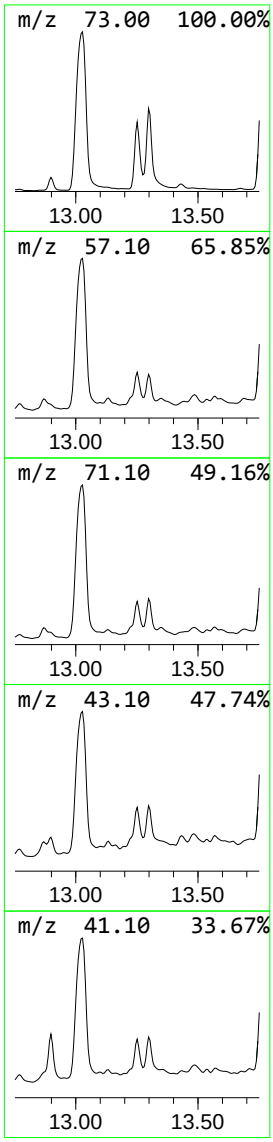
****

Peak Number 14 .alpha.-D-Mannofuranoside, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	18.29 ng	628705	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-D-Mannofuranoside, 1-nonyl-	306	C15H30O6	1000160-13-8	64
2	Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	22
3	4,6-O-Ethylidene-.alpha.-D-glucose	206	C8H14O6	013224-99-2	22
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	22
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

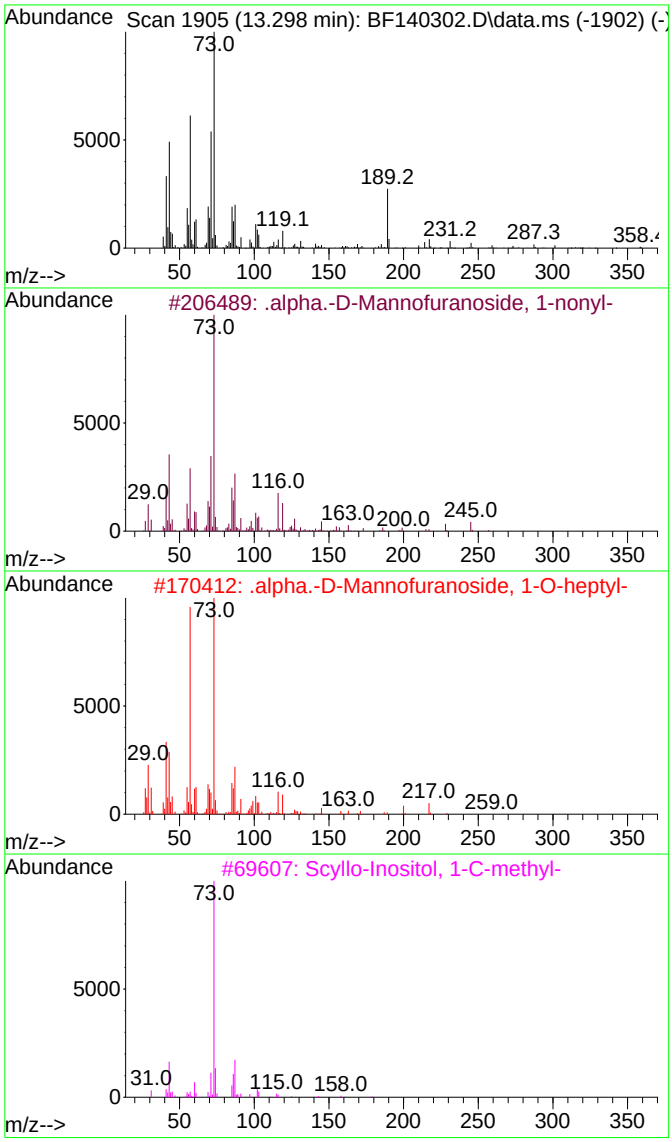
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

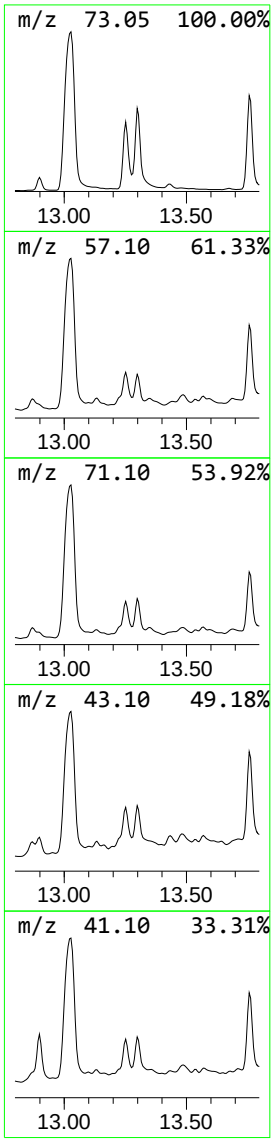
****

Peak Number 15 unknown13.298 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	21.84 ng	750831	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-D-Mannofuranoside, 1-nonyl-	306	C15H30O6	1000160-13-8	53
2	.alpha.-D-Mannofuranoside, 1-O-h...	278	C13H26O6	111570-47-9	43
3	Scyllo-Inositol, 1-C-methyl-	194	C7H14O6	000564-92-1	35
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	27
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

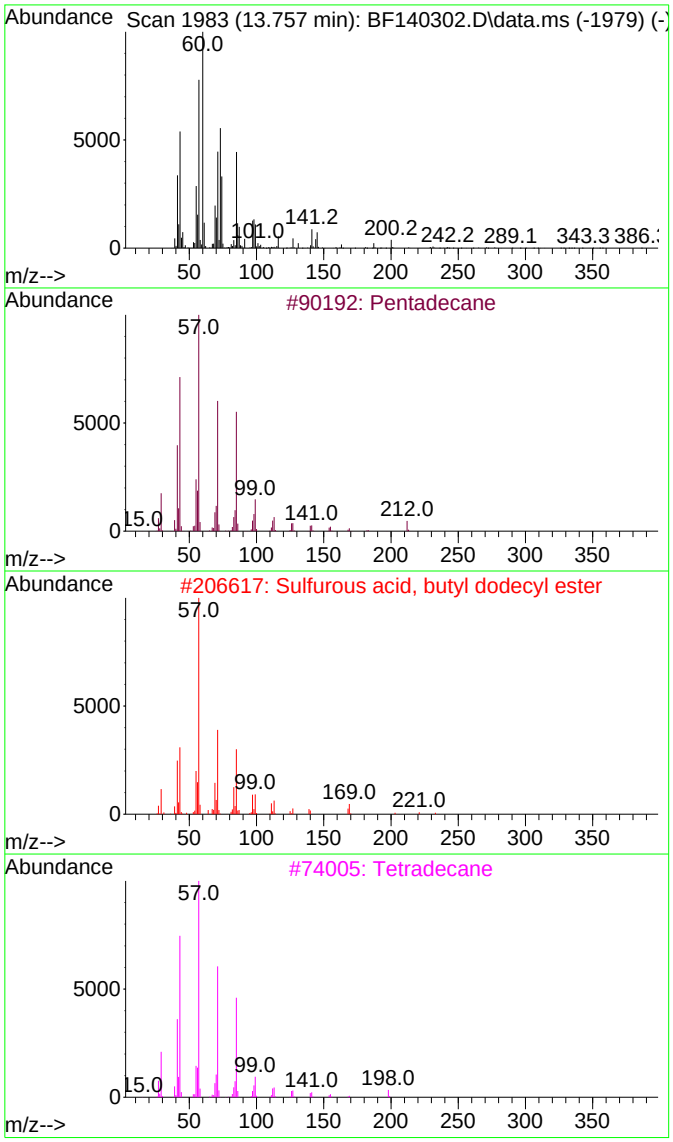
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

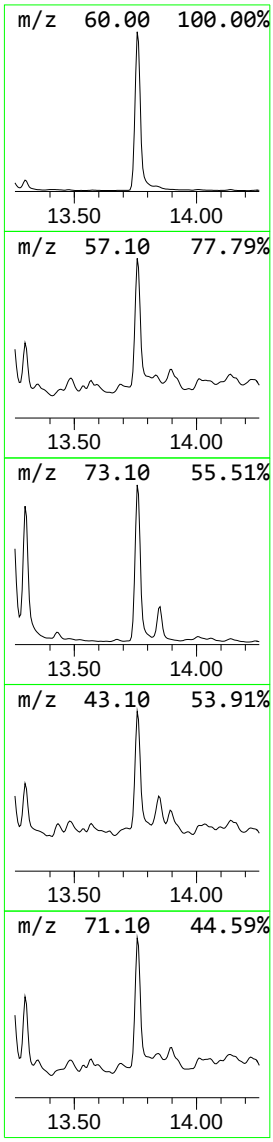
****

Peak Number 16 unknown13.757 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	54.44 ng	1871410	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	27
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
3	Tetradecane	198	C14H30	000629-59-4	27
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	27
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

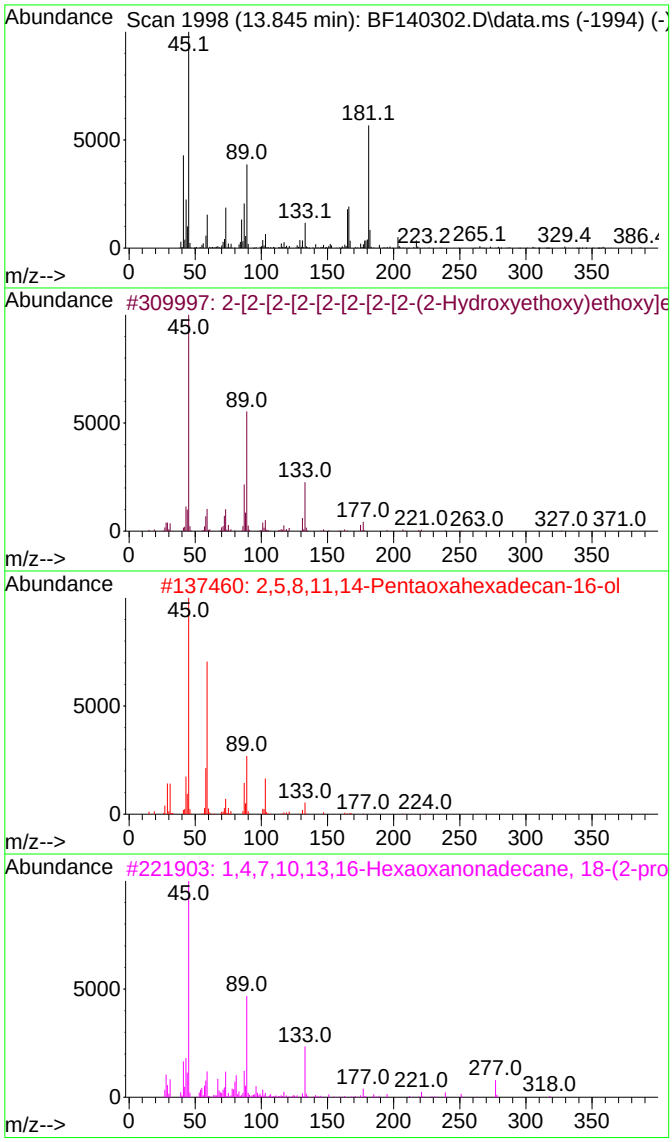
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

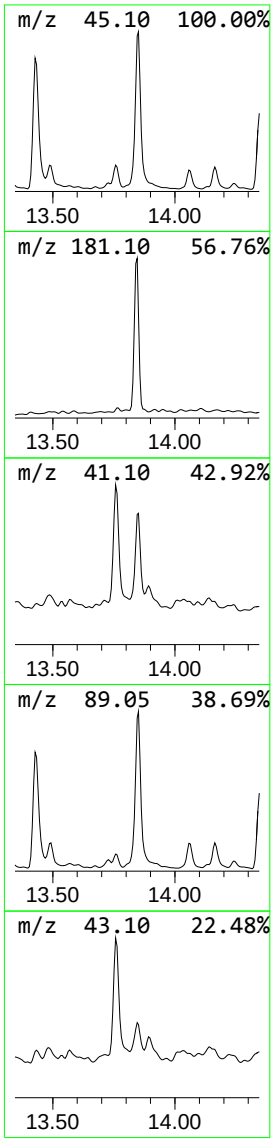
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	23.06 ng	792890	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	58
2	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	47
3	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	47
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	38
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

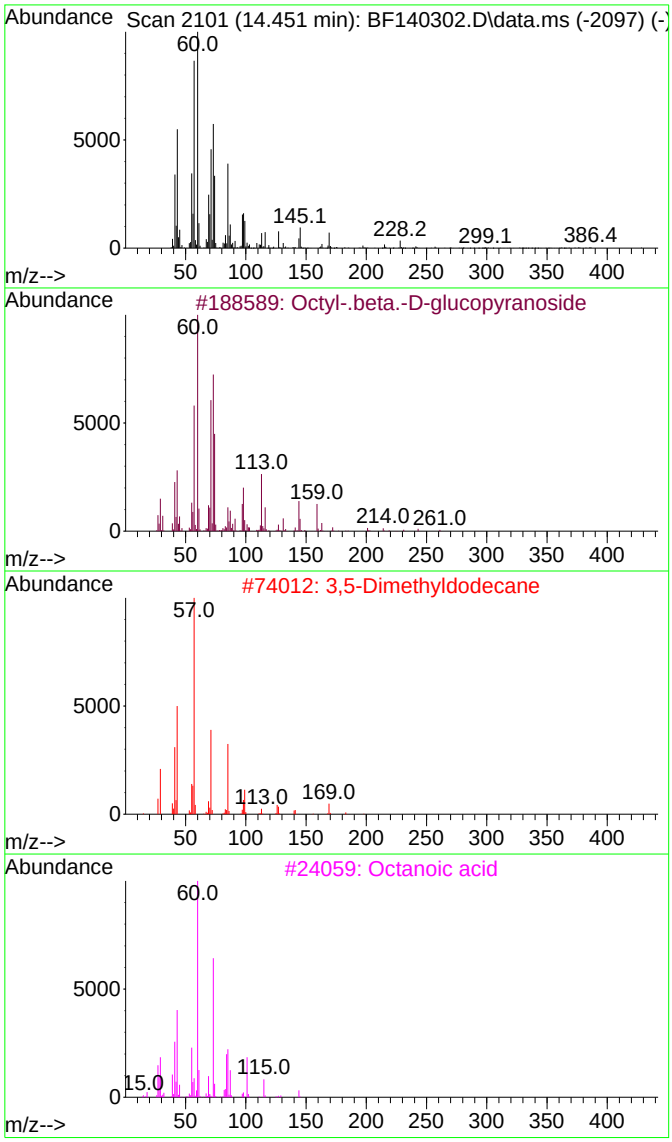
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

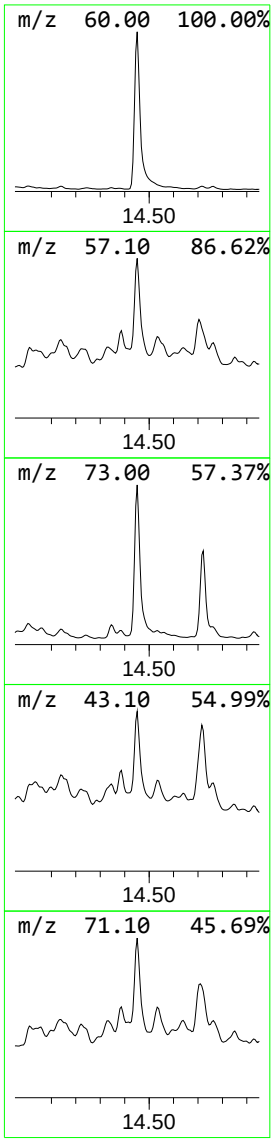
****

Peak Number 18 Octyl-.beta.-D-glucopyranoside Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	24.64 ng	847046	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl-.beta.-D-glucopyranoside	292	C14H28O6	029836-26-8	64
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
3	Octanoic acid	144	C8H16O2	000124-07-2	38
4	Dodecane	170	C12H26	000112-40-3	38
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

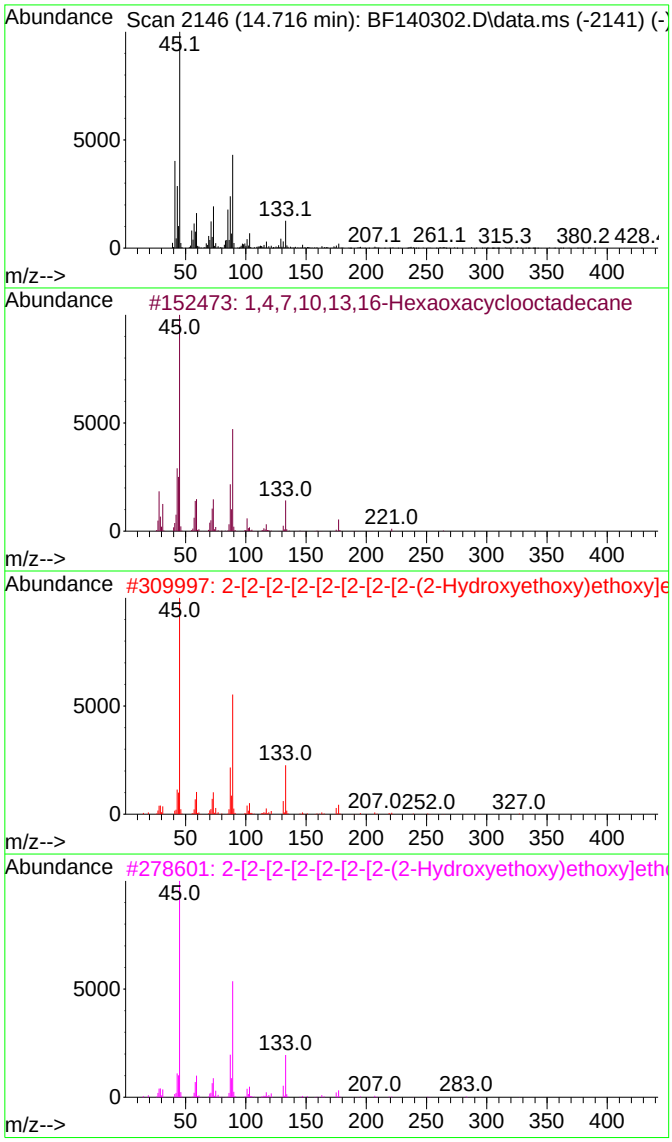
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

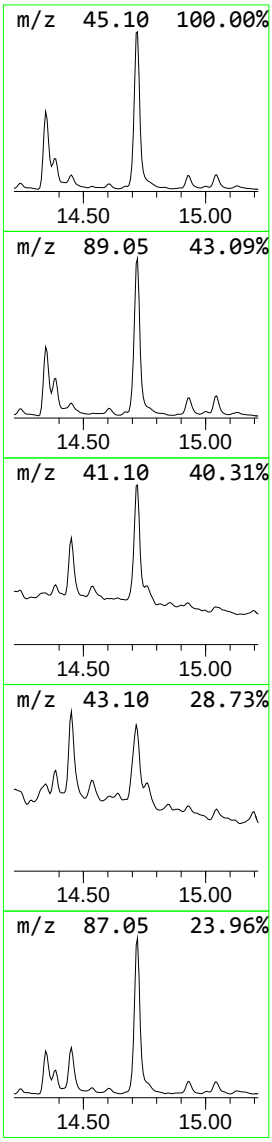
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	25.99 ng	893609	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	90
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	74
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	72
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	005579-66-8	72
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

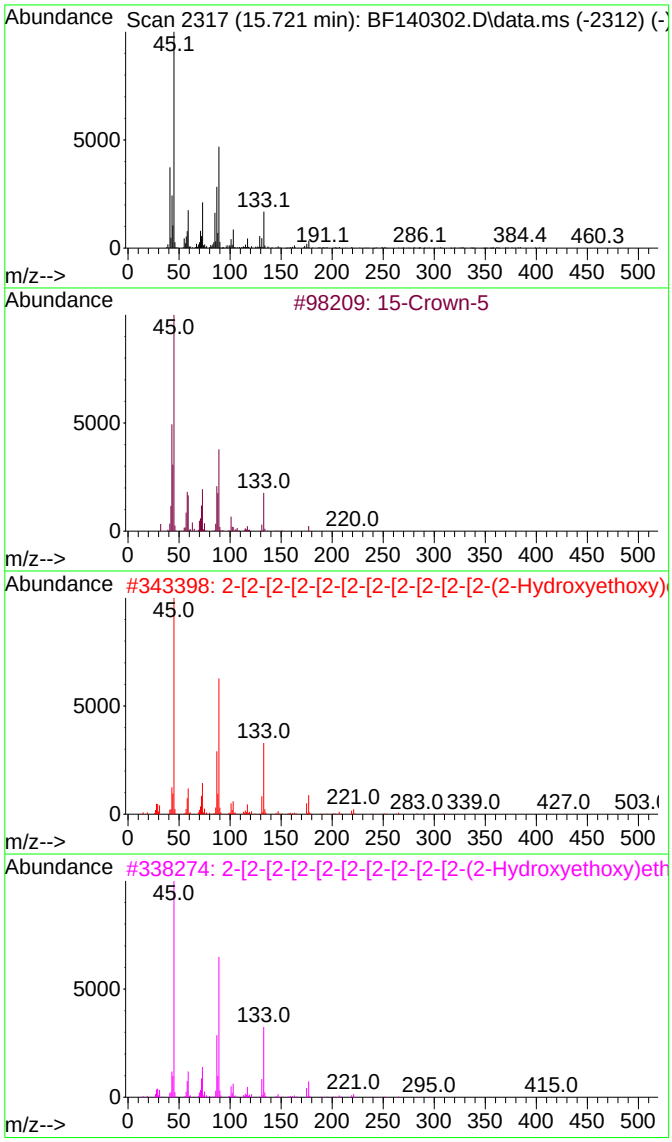
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

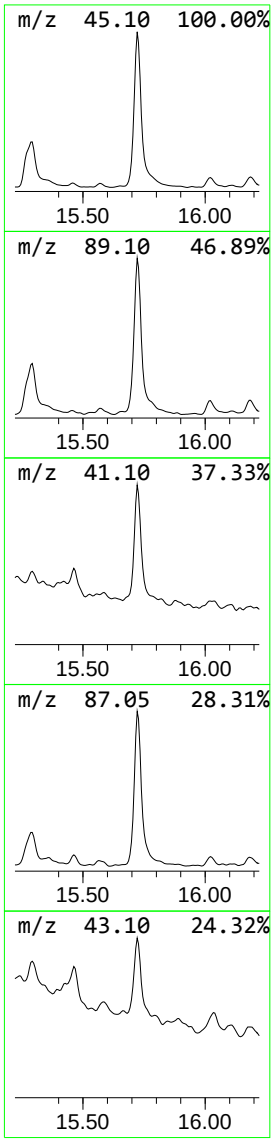
****

Peak Number 20 15-Crown-5 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.721	19.73 ng	515732	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Crown-5	220	C10H20O5	033100-27-5	93
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	83
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	006809-70-7	83
4	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	72
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140302.D
Acq On : 08 Nov 2024 16:43
Operator : RC/JU
Sample : P4738-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12018

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.152	73.2	ng	2467630	1	6.875	674382	20.0
Acetoin	2.669	18.8	ng	633155	1	6.875	674382	20.0
2-Heptanone	5.675	15.5	ng	524154	1	6.875	674382	20.0
1-Octanol	7.257	135.3	ng	4560800	1	6.875	674382	20.0
Mequinol	8.251	69.5	ng	3188680	2	8.157	917514	20.0
1-Decanol	8.587	70.2	ng	3218090	2	8.157	917514	20.0
n-Decanoic acid	9.081	14.8	ng	603838	3	9.916	817840	20.0
1-Decene	9.716	58.7	ng	2398990	3	9.916	817840	20.0
Hexadecane	10.345	12.3	ng	501529	3	9.916	817840	20.0
Tridecane	10.822	22.7	ng	770557	4	11.404	679386	20.0
n-Hexadecanoic ...	11.933	21.8	ng	741144	4	11.404	679386	20.0
Benzene, (1-met...	12.210	53.6	ng	1821530	4	11.404	679386	20.0
Ethanol, 2-[2-(...	12.386	13.1	ng	445604	4	11.404	679386	20.0
.alpha.-D-Manno...	13.251	18.3	ng	628705	5	14.057	687548	20.0
unknown13.298	13.298	21.8	ng	750831	5	14.057	687548	20.0
unknown13.757	13.757	54.4	ng	1871410	5	14.057	687548	20.0
2-[2-[2-[2-[2-[...	13.845	23.1	ng	792890	5	14.057	687548	20.0
Octyl-.beta.-D-...	14.451	24.6	ng	847046	5	14.057	687548	20.0
1,4,7,10,13,16-...	14.716	26.0	ng	893609	5	14.057	687548	20.0
15-Crown-5	15.721	19.7	ng	515732	6	15.563	522840	20.0