LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(1.0-1.5)

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	9	rVB	10439	10640	4.64%	0.681%
2	5.093	508	511	515	rBB	3820	4084	1.78%	0.261%
3	5.487	574	578	581	rVB	151668	153330	66.84%	9.815%
4	6.504	746	751	753	rBV	148496	163049	71.07%	10.437%
5	6.698	782	784	787	rBB	4789	3644	1.59%	0.233%
6	6.869	810	813	816	rBB	47025	35446	15.45%	2.269%
7	7.434	905	909	912	rBV	117676	113588	49.51%	7.271%
8	7.463	912	914	916	rVB	7598	4784	2.09%	0.306%
9	8.051	1011	1014	1020	rBB	26454	19721	8.60%	1.262%
10	8.128	1025	1027	1029	rBV	8286	6378	2.78%	0.408%
11	8.151	1029	1031	1034	rVB	63079	47397	20.66%	3.034%
12	8.569	1100	1102	1104	rBB	4375	3028	1.32%	0.194%
13	8.739	1129	1131	1133	rBB	7361	5349	2.33%	0.342%
14	9.228	1210	1214	1217	rBV	259073	229415	100.00%	14.685%
15	9.304	1225	1227	1229	rBV	7785	5747	2.51%	0.368%
16	9.622	1278	1281	1284	rBV	4995	5095	2.22%	0.326%
17	9.833	1315	1317	1321	rVB	6977	6207	2.71%	0.397%
18	9.910	1327	1330	1333	rBV	78005	59551	25.96%	3.812%
19	10.151	1368	1371	1376	rBV2	3591	4168	1.82%	0.267%
20	10.316	1395	1399	1400	rBV	2661	2553	1.11%	0.163%
21	10.333	1400	1402	1405	rVB	7483	5775	2.52%	0.370%
22	10.551	1434	1439	1443	rBV	5965	8132	3.54%	0.521%
23	10.704	1461	1465	1468	rBV	145885	143585	62.59%	9.191%
24	10.822	1480	1485	1488	rBV	12972	16510	7.20%	1.057%
25	11.204	1547	1550	1553	rBV2	2320	2945	1.28%	0.189%
26	11.257	1555	1559	1561	rVV2	5572	6059	2.64%	0.388%
27	11.286	1561	1564	1568	rVB	6944	6769	2.95%	0.433%
28	11.398	1580	1583	1586	rBV	80234	62797	27.37%	4.020%
29	11.422	1586	1587	1590	rVB	4267	2487	1.08%	0.159%
30	11.680	1629	1631	1635	rVB	4518	3802	1.66%	0.243%
31	11.780	1645	1648	1650	rVB	4224	3808	1.66%	0.244%
32	11.898	1665	1668	1669	rBV2	4756	3181	1.39%	0.204%
33	11.922	1669	1672	1675	rVB2	13064	12636	5.51%	0.809%
34	12.004	1683	1686	1689	rVB	5920	4785	2.09%	0.306%
35	12.033	1689	1691	1695	rVB2	3332	2905	1.27%	0.186%
36	12.086	1698	1700	1703	rBV2	3923	3698	1.61%	0.237%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(1.0-1.5)

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.445	1759	1761	1764	rBV	5311	5179	2.26%	0.332%
38	12.480	1764	1767	1774	rVB2	7677	11086	4.83%	0.710%
39	12.610	1787	1789	1795	rVB4	2883	2937	1.28%	0.188%
40	12.704	1801	1805	1807	rBV3	2181	2707	1.18%	0.173%
41	12.851	1827	1830	1832	rBV2	4631	4759	2.07%	0.305%
42	12.986	1848	1853	1856	rBV	246431	215204	93.81%	13.775%
43	13.204	1886	1890	1893	rBV	6872	6910	3.01%	0.442%
44	13.545	1942	1948	1951	rBV	7117	7485	3.26%	0.479%
45	13.880	2001	2005	2014	rVB2	15464	22569	9.84%	1.445%
46	14.039	2028	2032	2035	rBV	42718	36077	15.73%	2.309%
47	14.192	2054	2058	2061	rBV	8688	9145	3.99%	0.585%
48	14.421	2094	2097	2101	rBV4	2062	2596	1.13%	0.166%
49	14.498	2106	2110	2113	rBV2	7162	7383	3.22%	0.473%
50	14.551	2117	2119	2123	rVB4	2341	2771	1.21%	0.177%
51	14.804	2159	2162	2165	rVB2	4754	4356	1.90%	0.279%
52	15.145	2216	2220	2225	rVB3	5318	6890	3.00%	0.441%
53	15.474	2270	2276	2279	rBV3	1800	2580	1.12%	0.165%
54	15.515	2279	2283	2290	rVV2	27375	35166	15.33%	2.251%
55	15.962	2358	2359	2364	rVB2	3000	3384	1.48%	0.217%

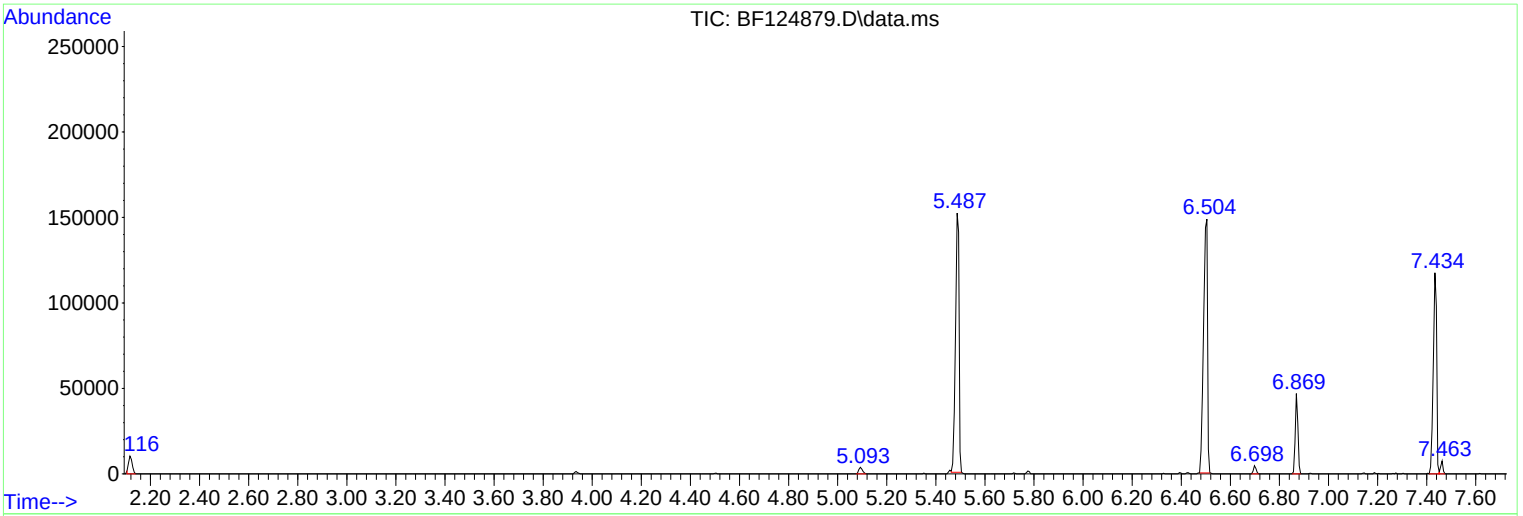
Sum of corrected areas: 1562232

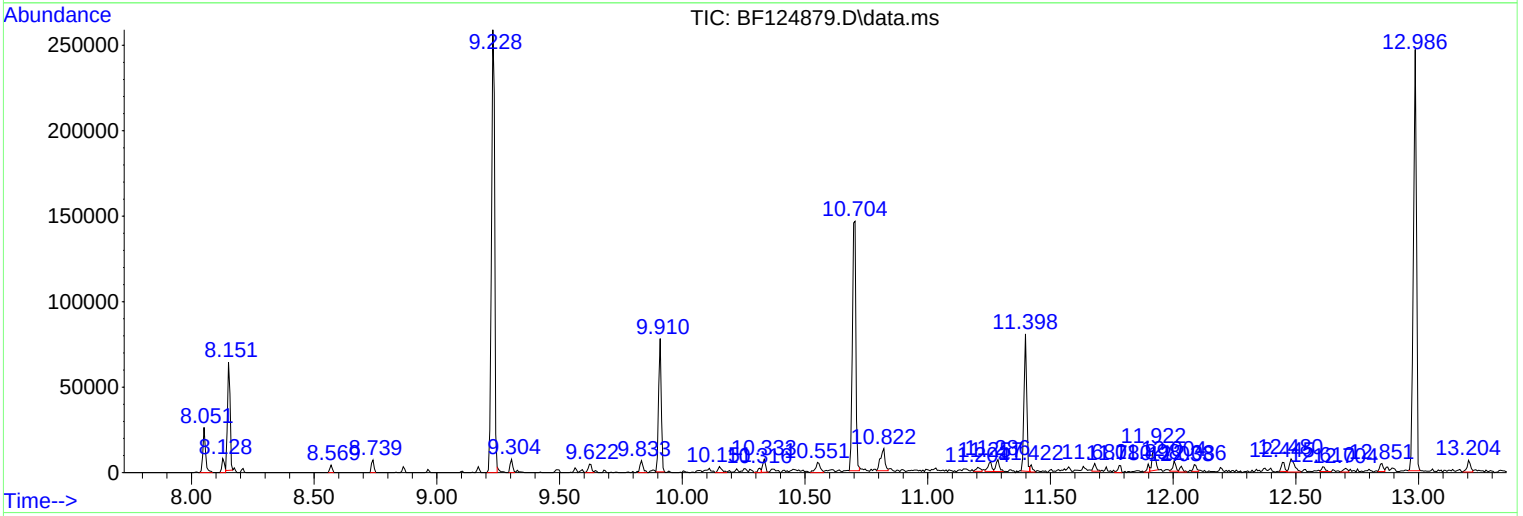
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

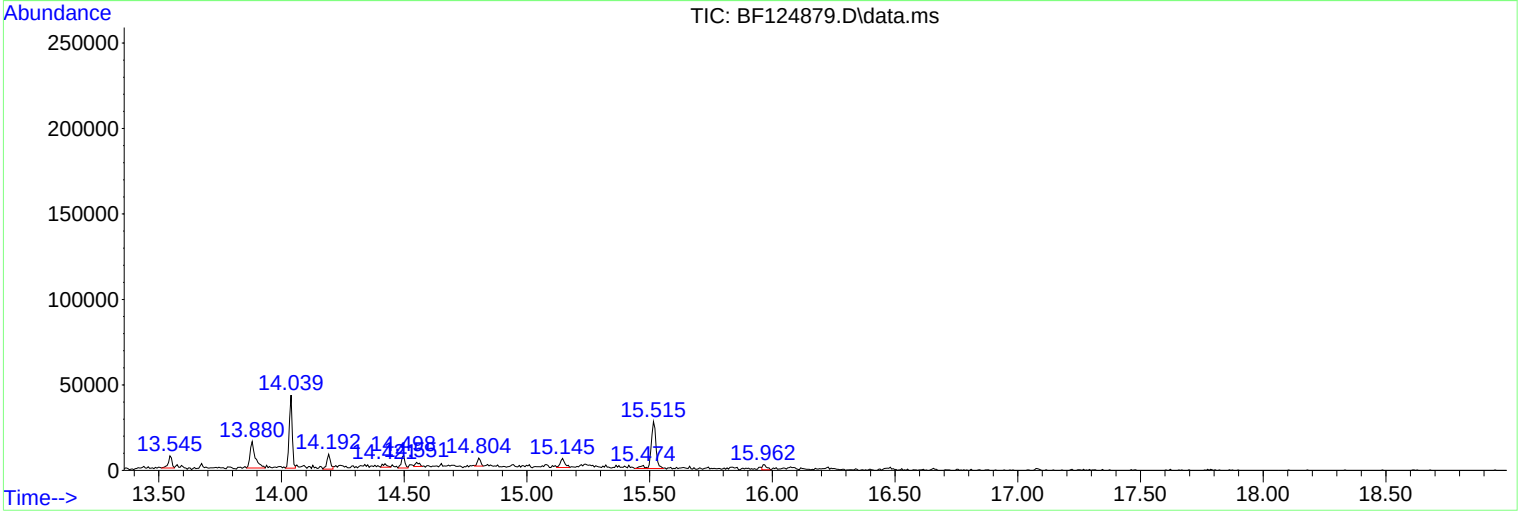
Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

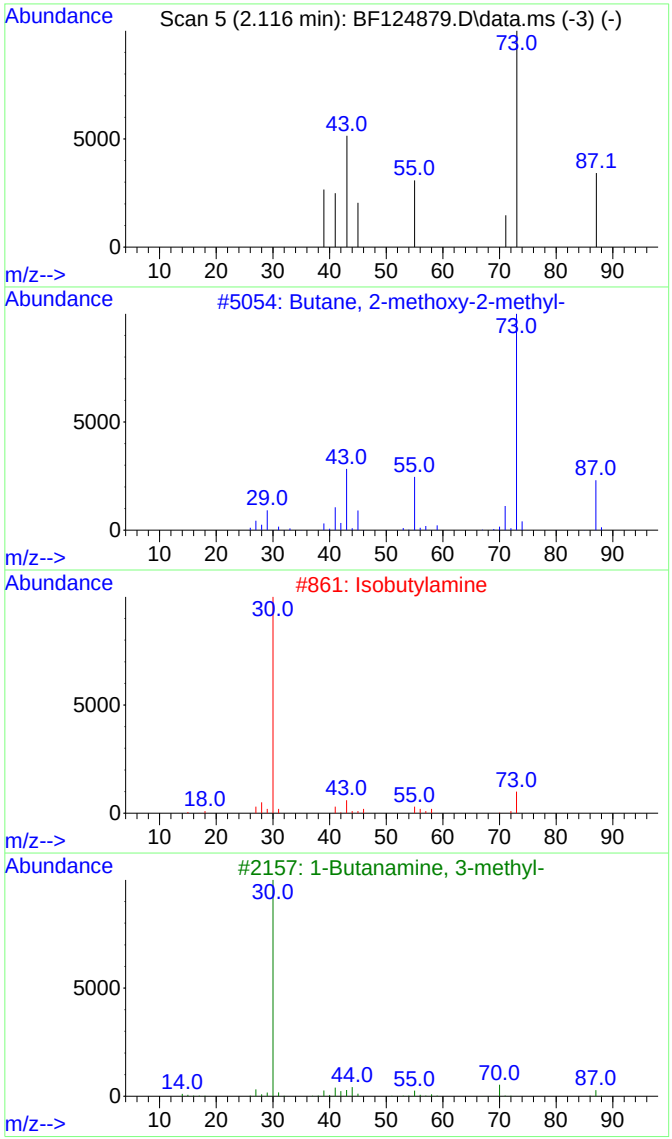
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

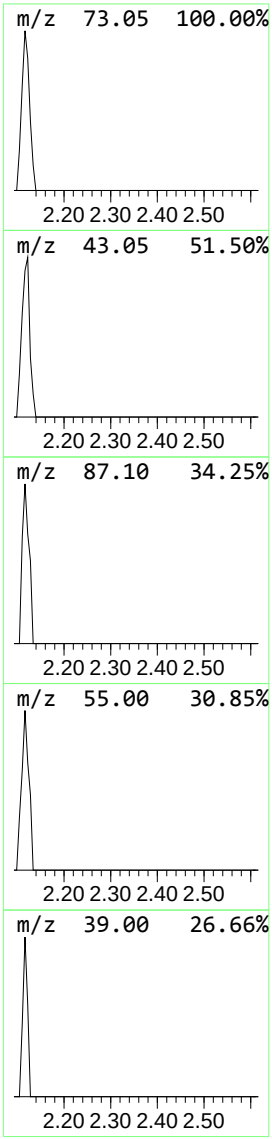
****

Peak Number 1 unknown2.116 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	6.00 ng	10640	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	Isobutylamine	73	C4H11N	000078-81-9	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	1-Butanamine	73	C4H11N	000109-73-9	4
5	1-Pentanamine	87	C5H13N	000110-58-7	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

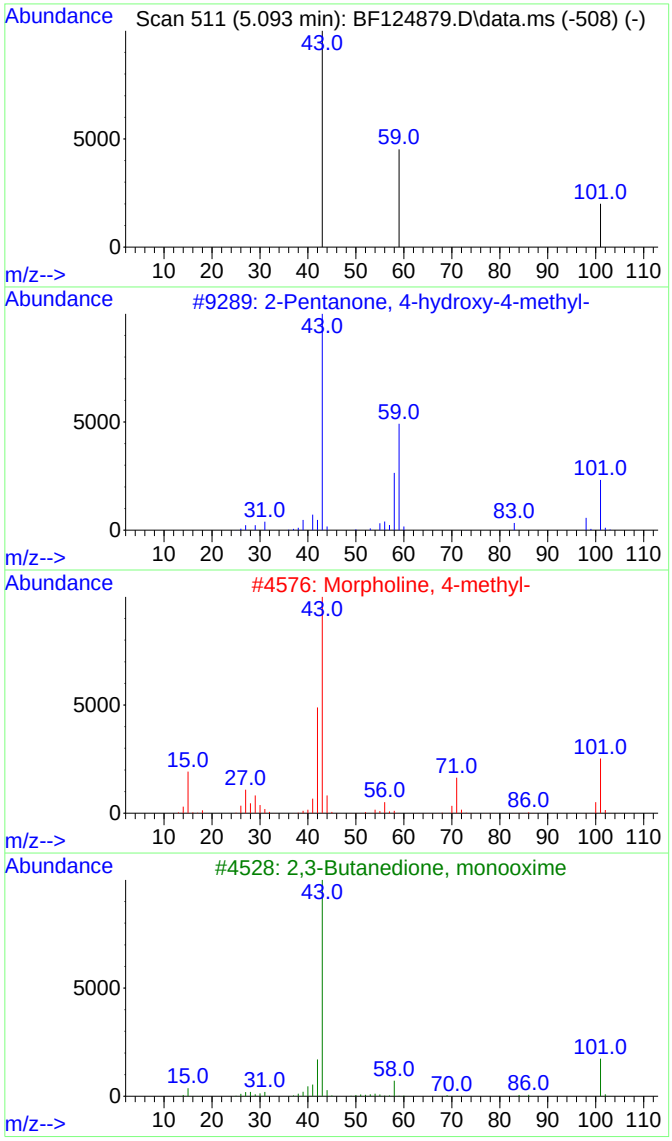
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

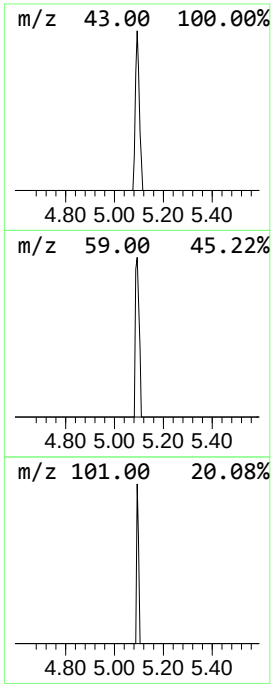
****

Peak Number 2 unknown5.093 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	2.30 ng	4084	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	4
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	4
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	3
4	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	3
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

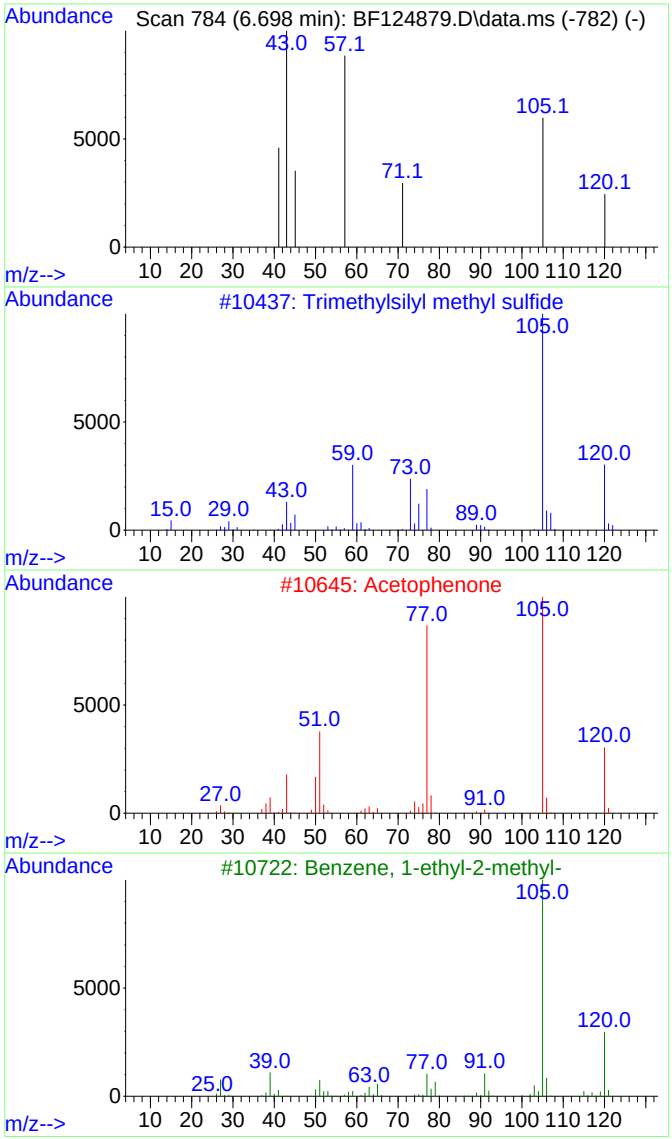
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

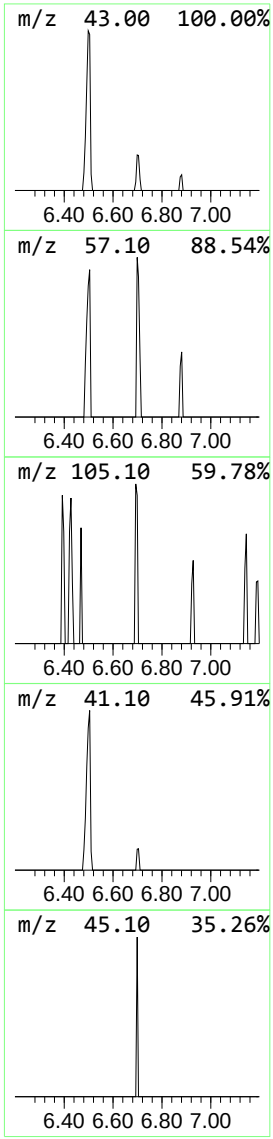
****

Peak Number 3 unknown6.698 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	2.06 ng	3644	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl methyl sulfide	120	C4H12SSi	003908-55-2	4
2	Acetophenone	120	C8H8O	000098-86-2	4
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	4
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	4
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

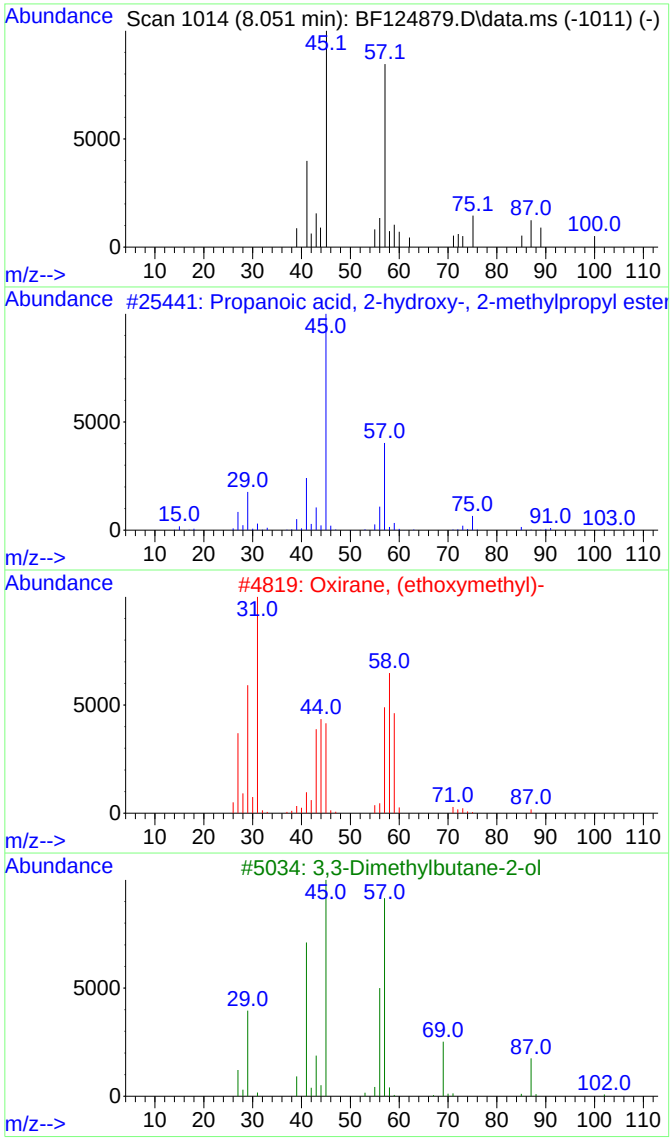
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

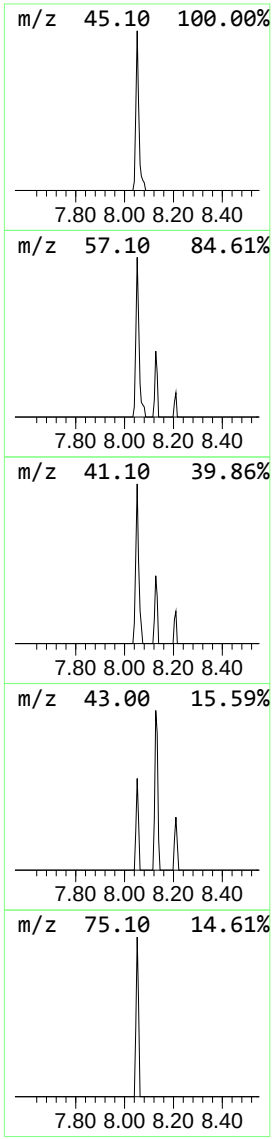
****

Peak Number 4 unknown8.051 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	8.32 ng	19721	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	38
2	Oxirane, (ethoxymethyl)-	102	C5H10O2	004016-11-9	36
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	33
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

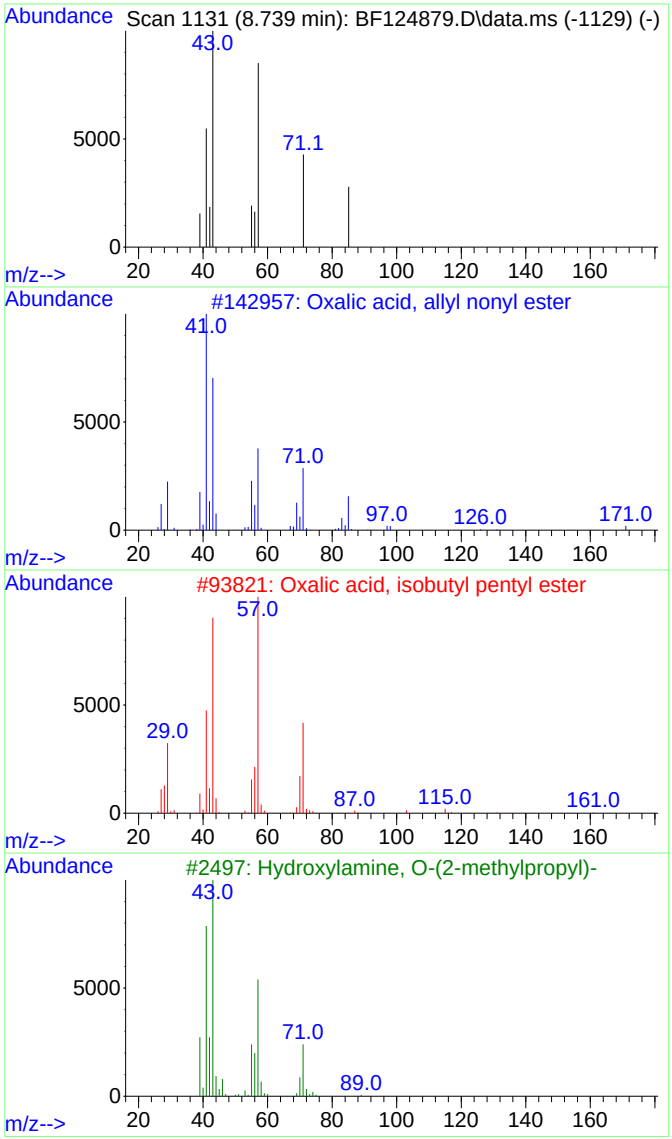
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

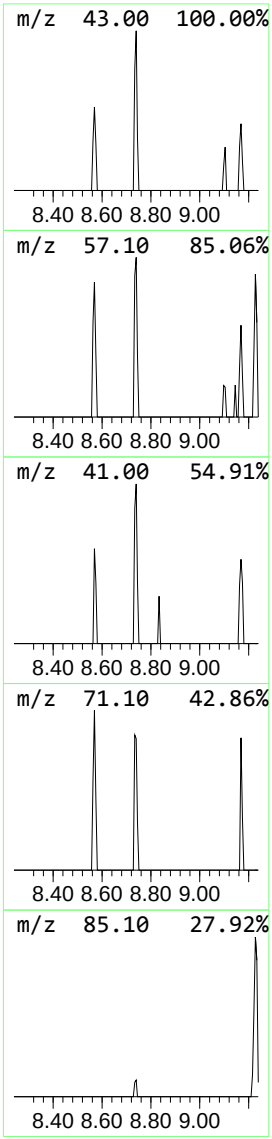
****

Peak Number 5 unknown8.739 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	2.26 ng	5349	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	43
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	39
3	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	17
4	Octane, 4-methyl-	128	C9H20	002216-34-4	9
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

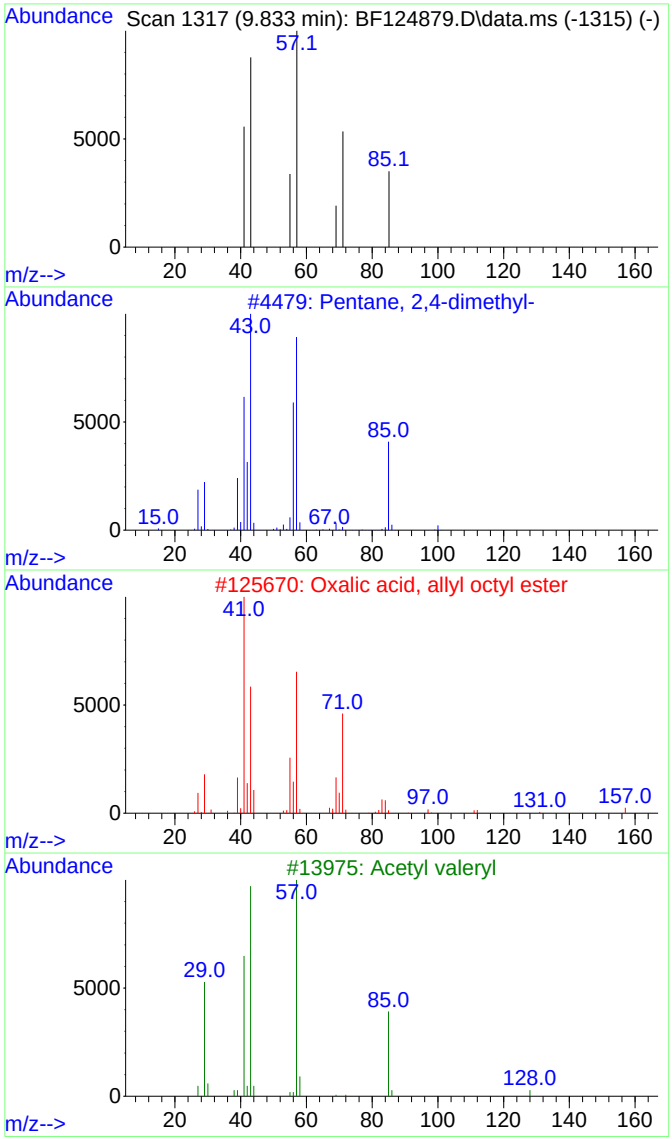
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

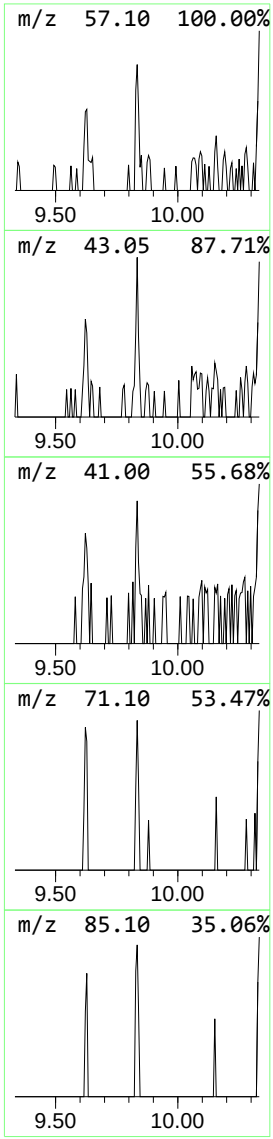
****

Peak Number 6 unknown9.833 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	2.08 ng	6207	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	9
2	Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	9
3	Acetyl valeryl	128	C7H12O2	000096-04-8	9
4	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	4
5	2-Propenamide	71	C3H5NO	000079-06-1	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

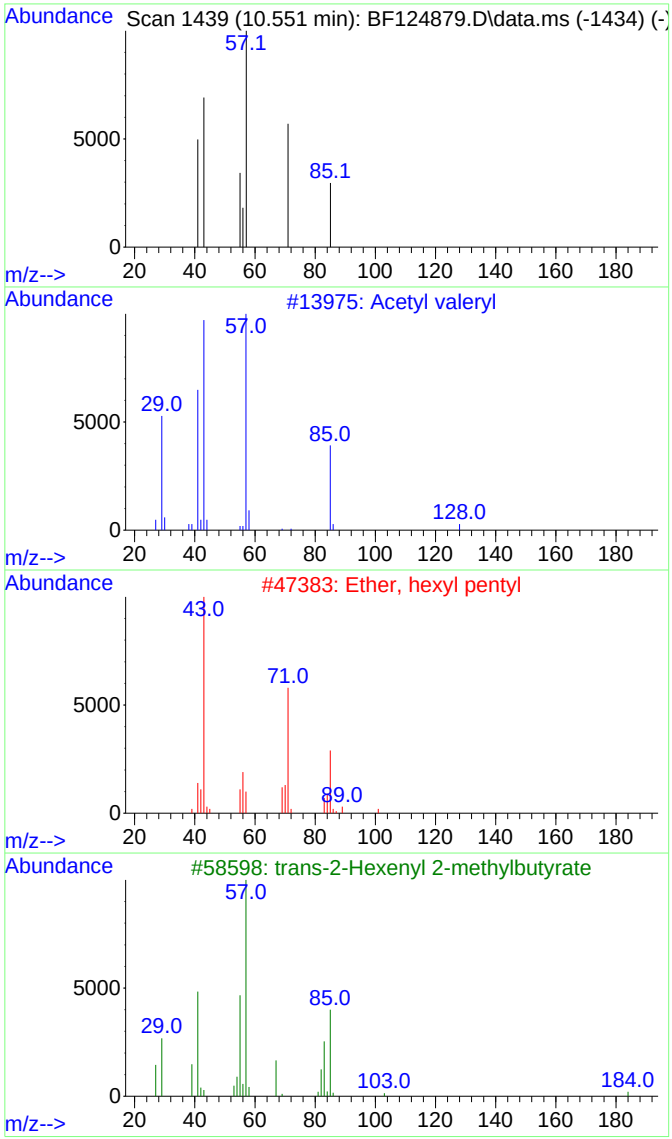
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

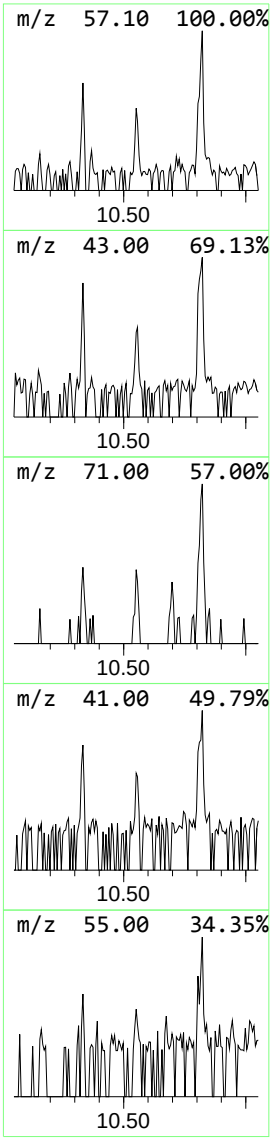
****

Peak Number 7 unknown10.551 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.73 ng	8132	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetyl valeryl	128	C7H12O2	000096-04-8	9
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	9
3	trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
5	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

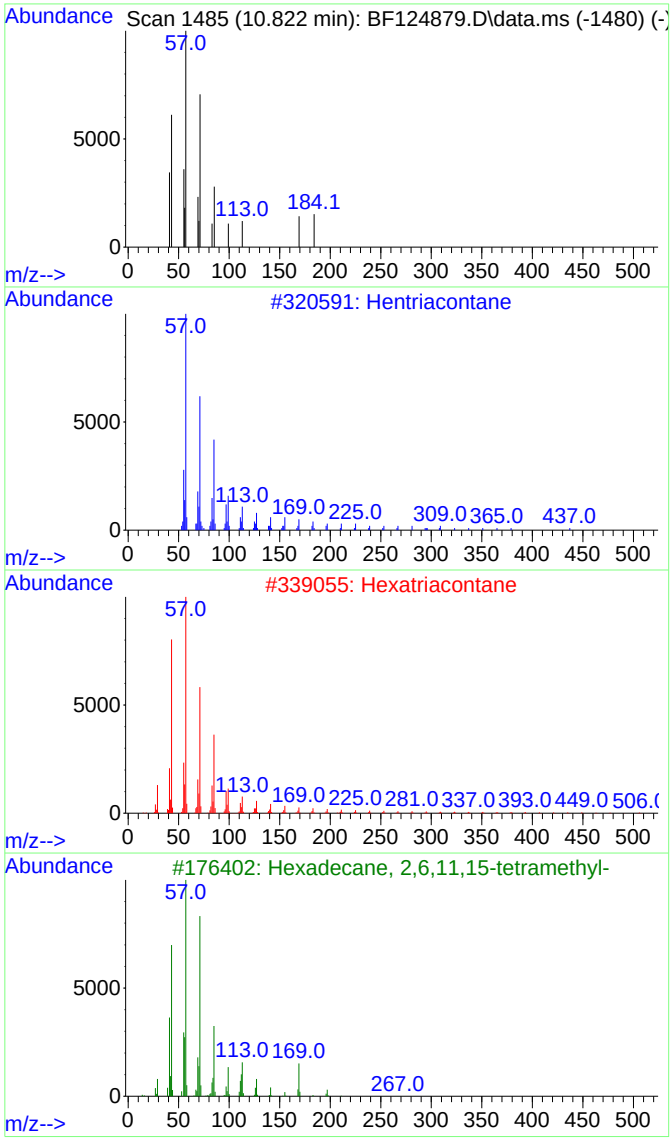
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

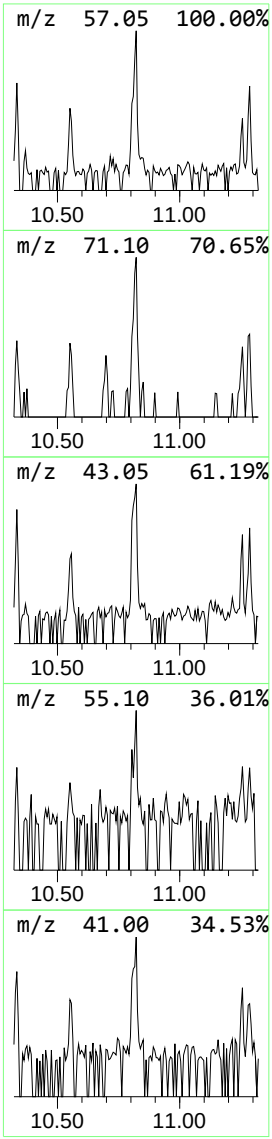
****

Peak Number 8 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	5.26 ng	16510	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	72
2	Hexatriacontane	507	C36H74	000630-06-8	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Hexacosane	366	C26H54	000630-01-3	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

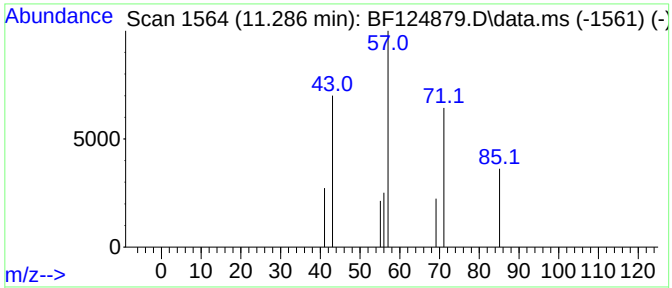
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

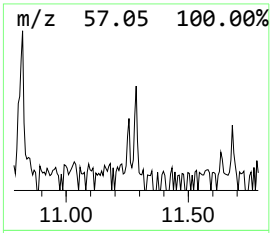
****

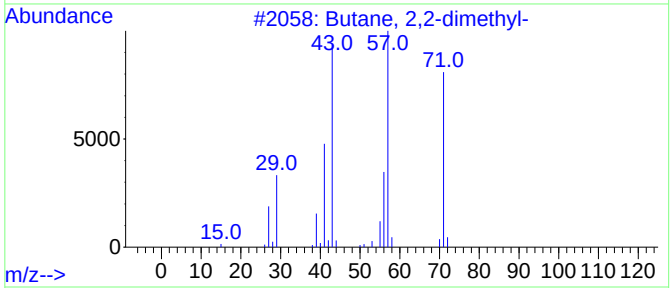
Peak Number 9 unknown11.286 Concentration Rank 17

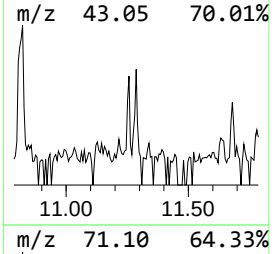
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.16 ng	6769	Phenanthrene-d10	11.398

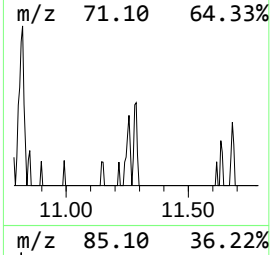
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	9
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5
4	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	4
5	2-Propen-1-amine	57	C3H7N	000107-11-9	4

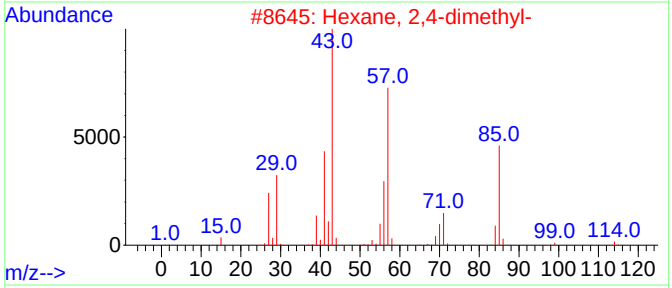


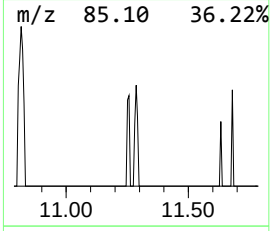


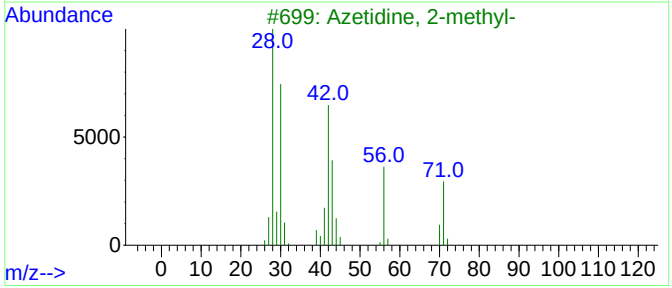


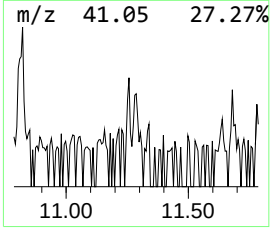












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

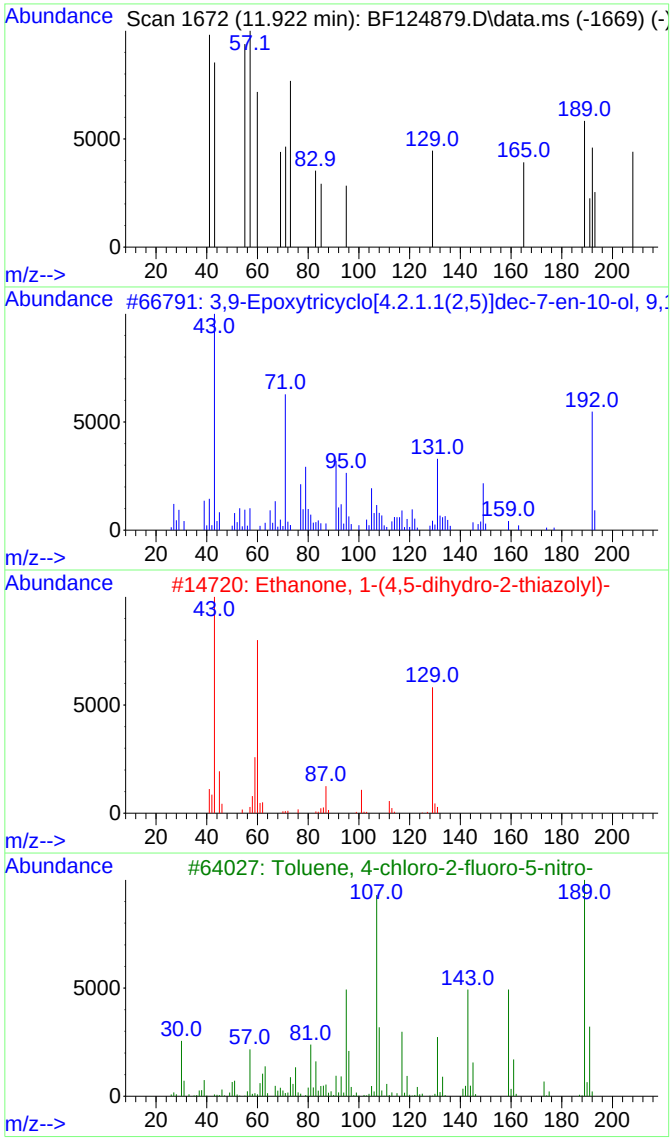
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

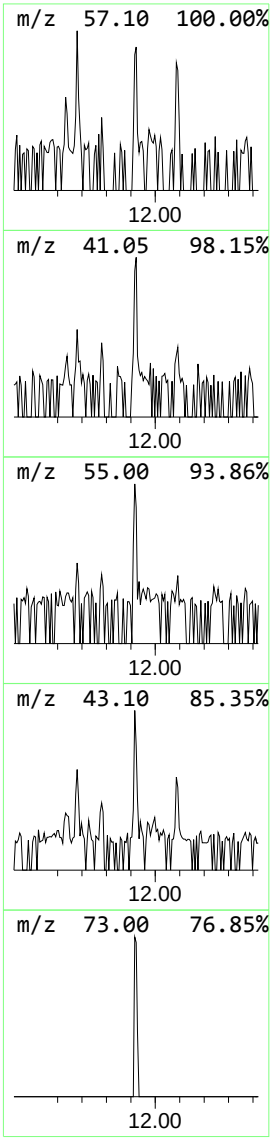
****

Peak Number 10 unknown11.922 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.02 ng	12636	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxytricyclo[4.2.1.1(2,5)]d...	192	C12H16O2	1000187-97-8	10
2	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	9
3	Toluene, 4-chloro-2-fluoro-5-nitro-	189	C7H5ClFNO2	018349-11-6	9
4	(5-Bromo-1-methyl-1,2,4-triazol-...	191	C4H6BrN3O	1000486-82-3	7
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

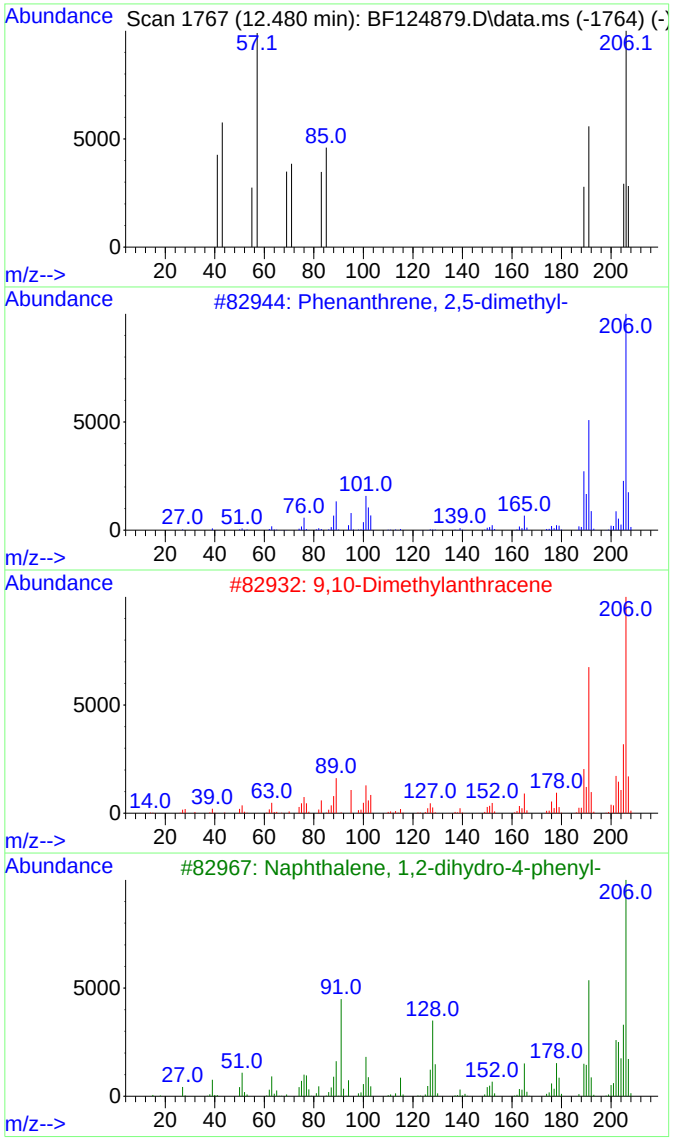
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

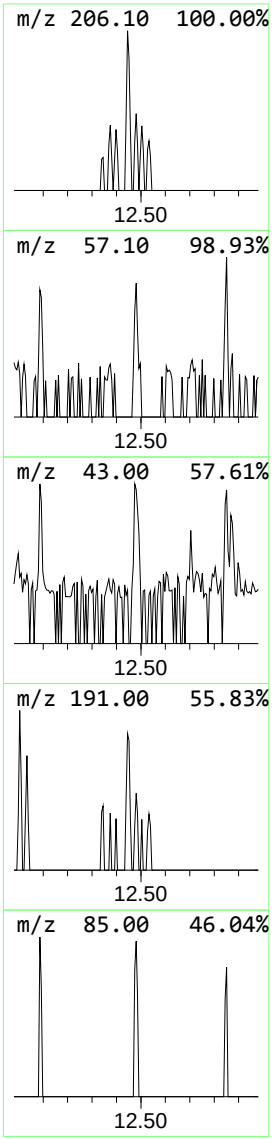
****

Peak Number 11 unknown12.480 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.53 ng	11086	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	47
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	37
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	37
4	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	10
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

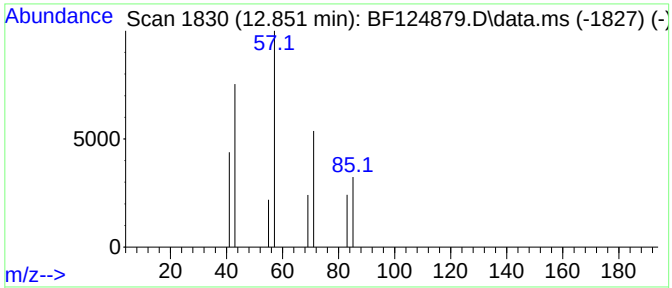
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

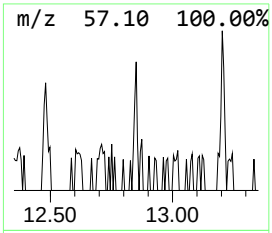
****

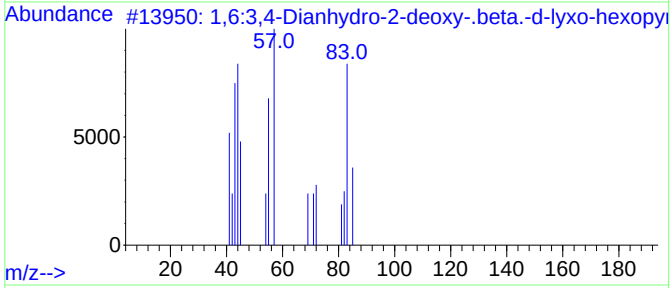
Peak Number 12 unknown12.851 Concentration Rank 13

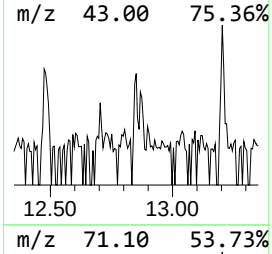
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.64 ng	4759	Chrysene-d12	14.039

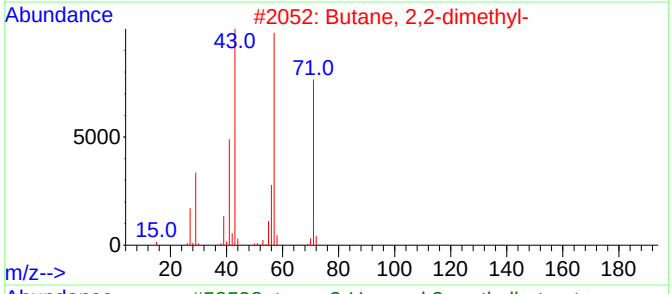
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	33
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
3	trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
4	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9
5	Acetyl valeryl	128	C7H12O2	000096-04-8	9

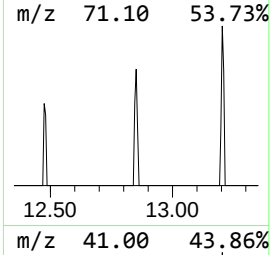


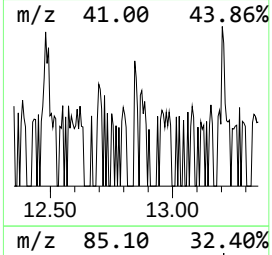


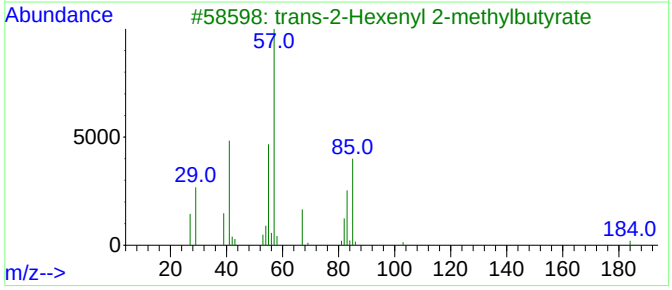


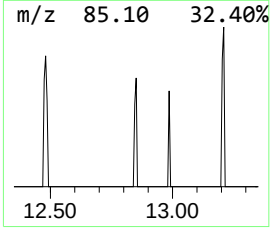












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

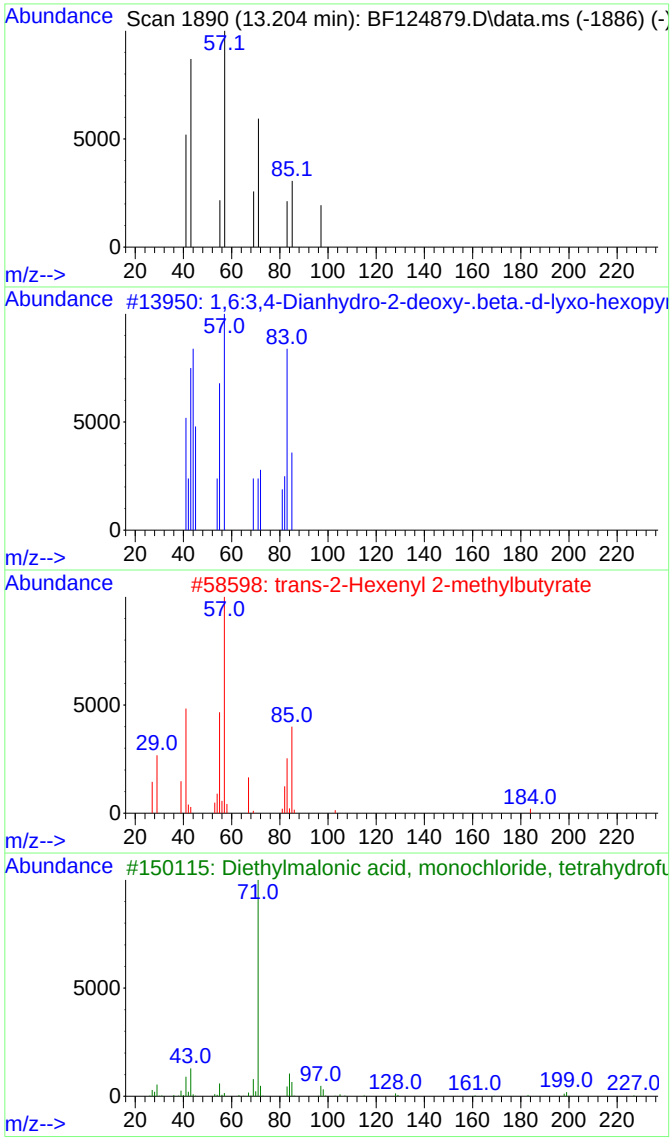
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

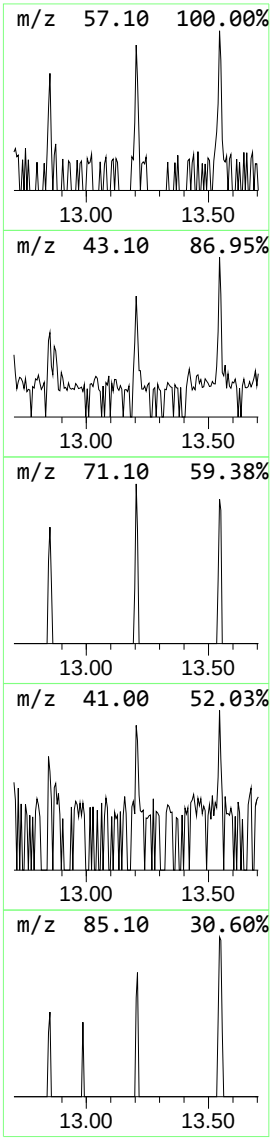
****

Peak Number 13 unknown13.204 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.83 ng	6910	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	25
2	trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
3	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	9
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
5	Acetyl valeryl	128	C7H12O2	000096-04-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

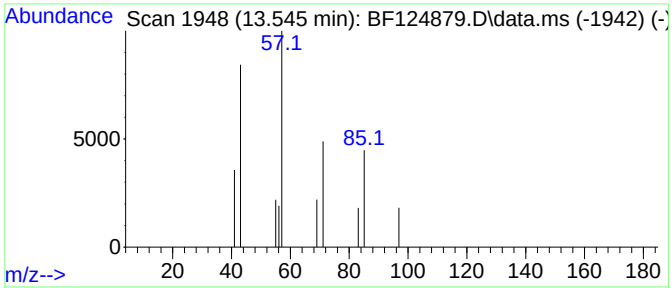
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

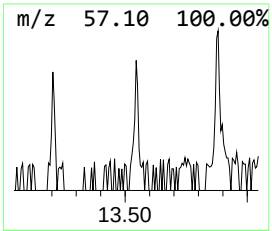
****

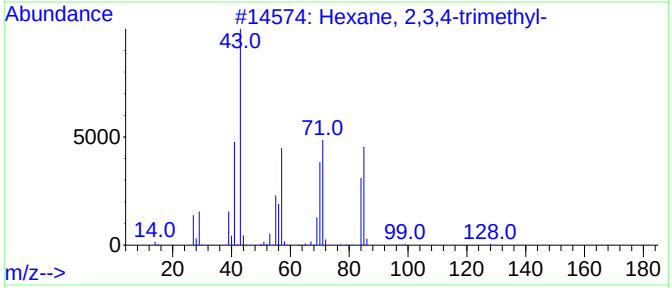
Peak Number 14 unknown13.545 Concentration Rank 6

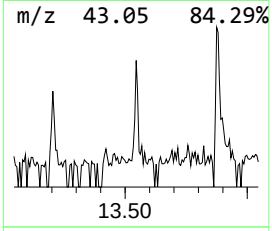
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	4.15 ng	7485	Chrysene-d12	14.039

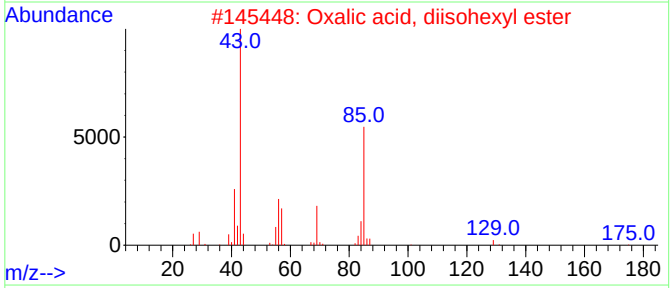
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
2	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	9
3	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	9
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
5	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5

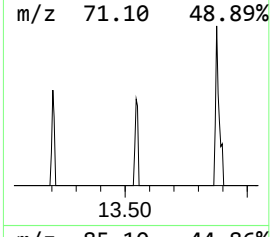


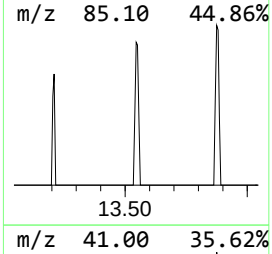


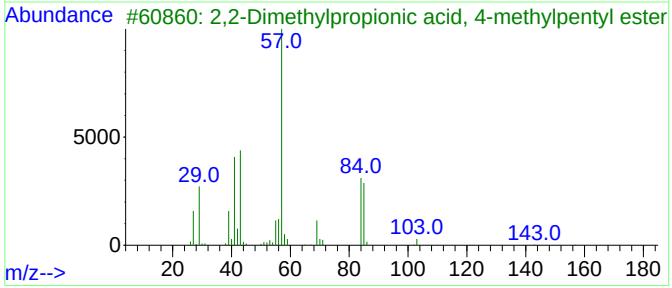


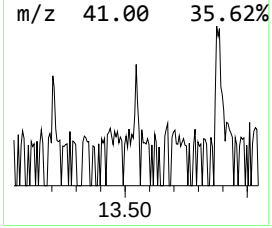












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

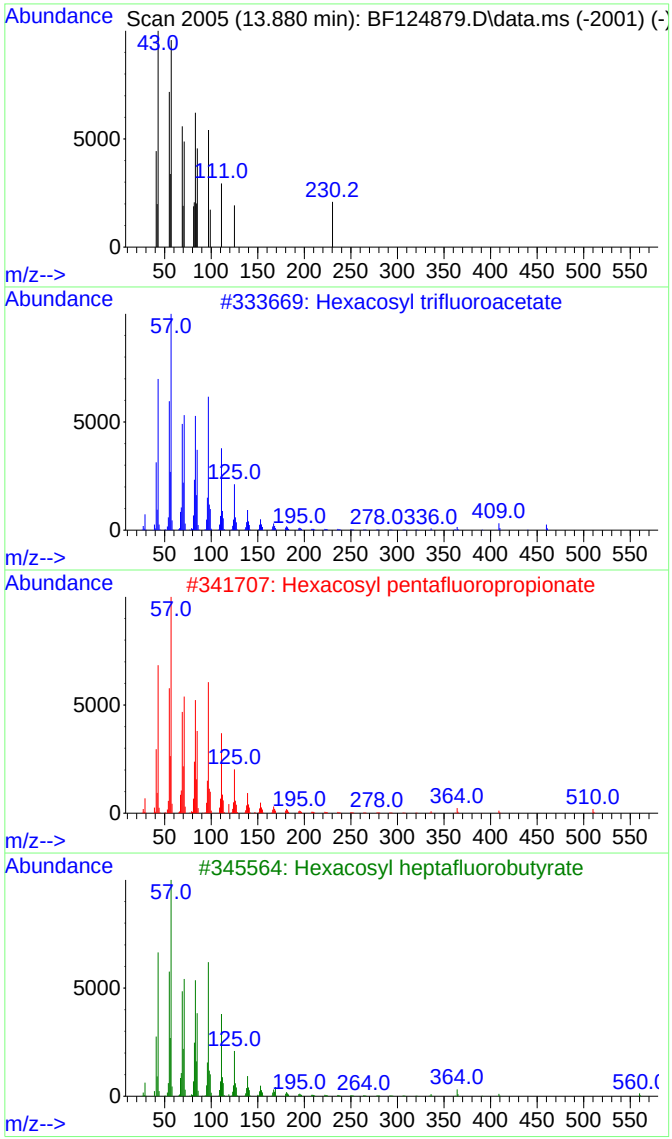
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

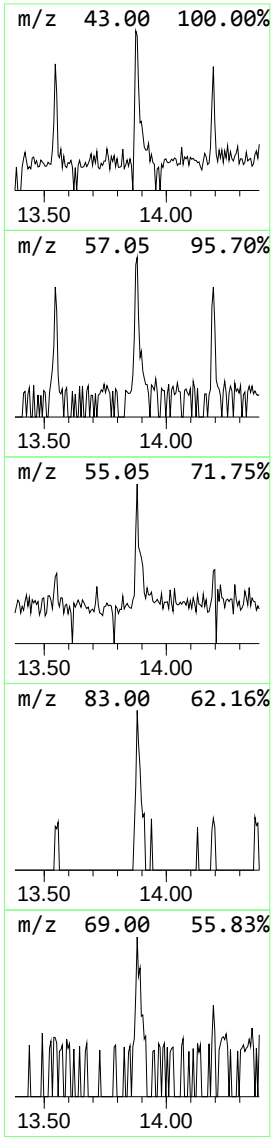
****

Peak Number 15 Hexacosyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	12.51 ng	22569	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	86
2	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	80
3	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	80
4	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	80
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

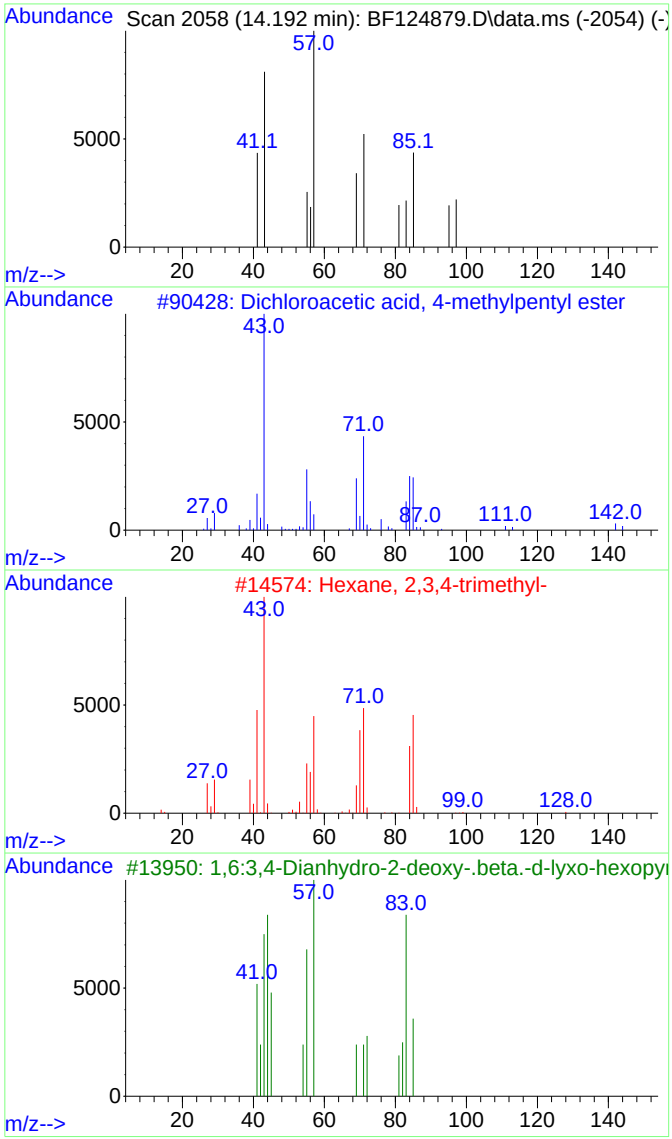
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

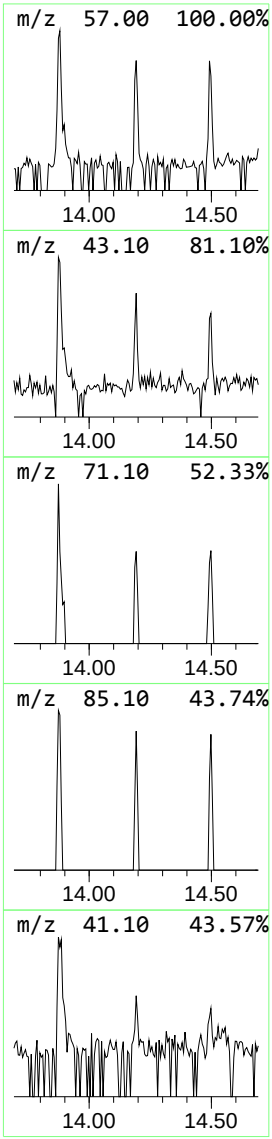
****

Peak Number 16 unknown14.192 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	5.07 ng	9145	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	28
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	28
3	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	23
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	17
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

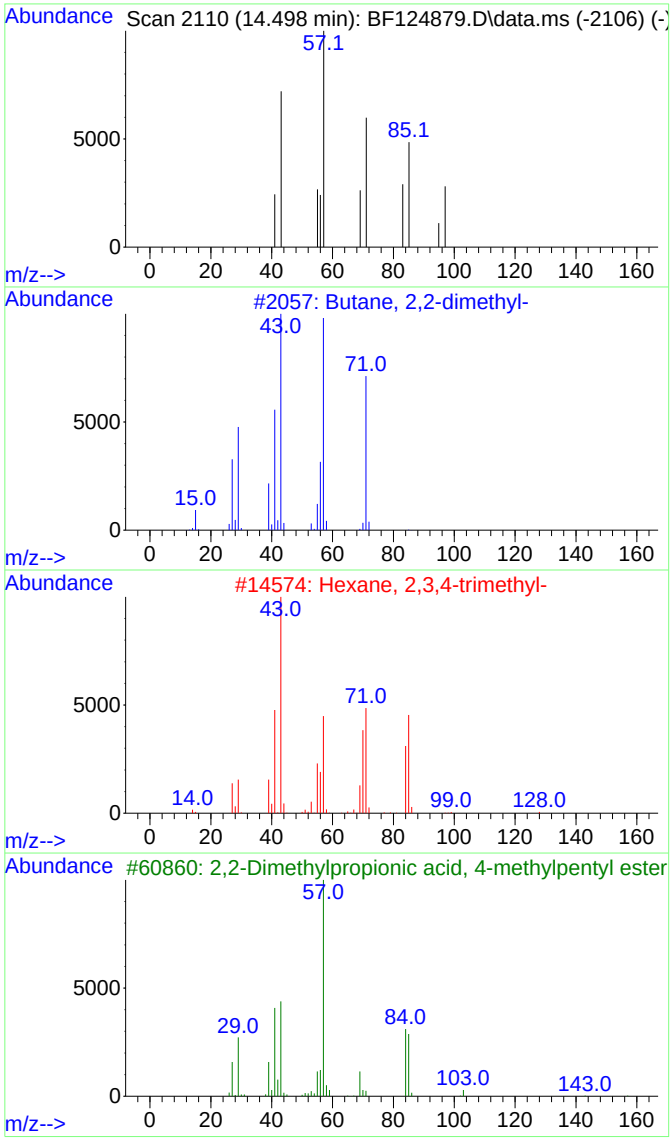
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

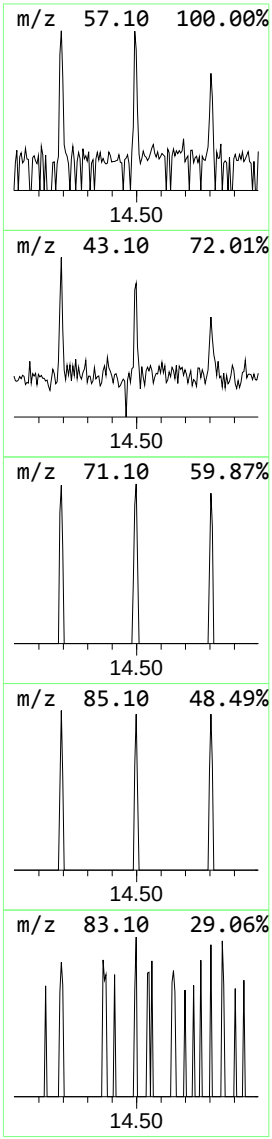
****

Peak Number 17 unknown14.498 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	4.09 ng	7383	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9
3	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	9
4	Cyclobutanemethanol, .alpha.-met...	100	C6H12O	007515-29-9	9
5	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

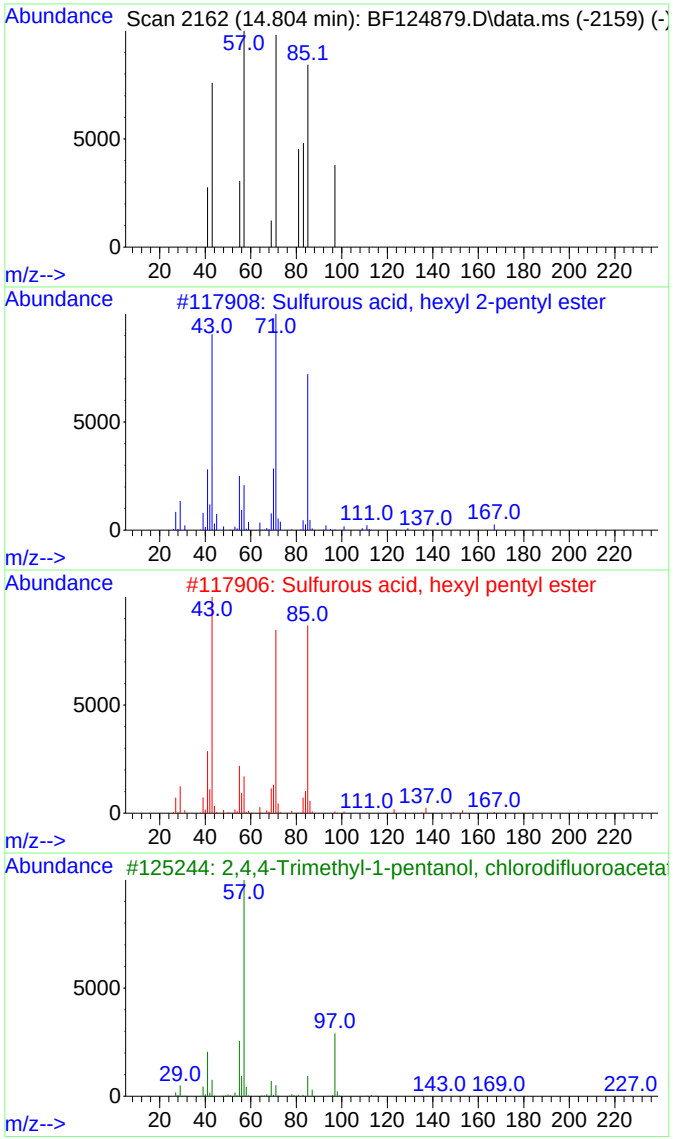
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

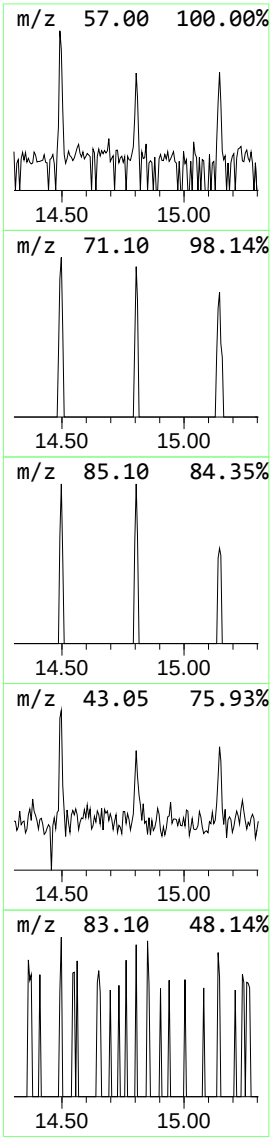
****

Peak Number 18 unknown14.804 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.48 ng	4356	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	9
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	9
3	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	9
4	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	9
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

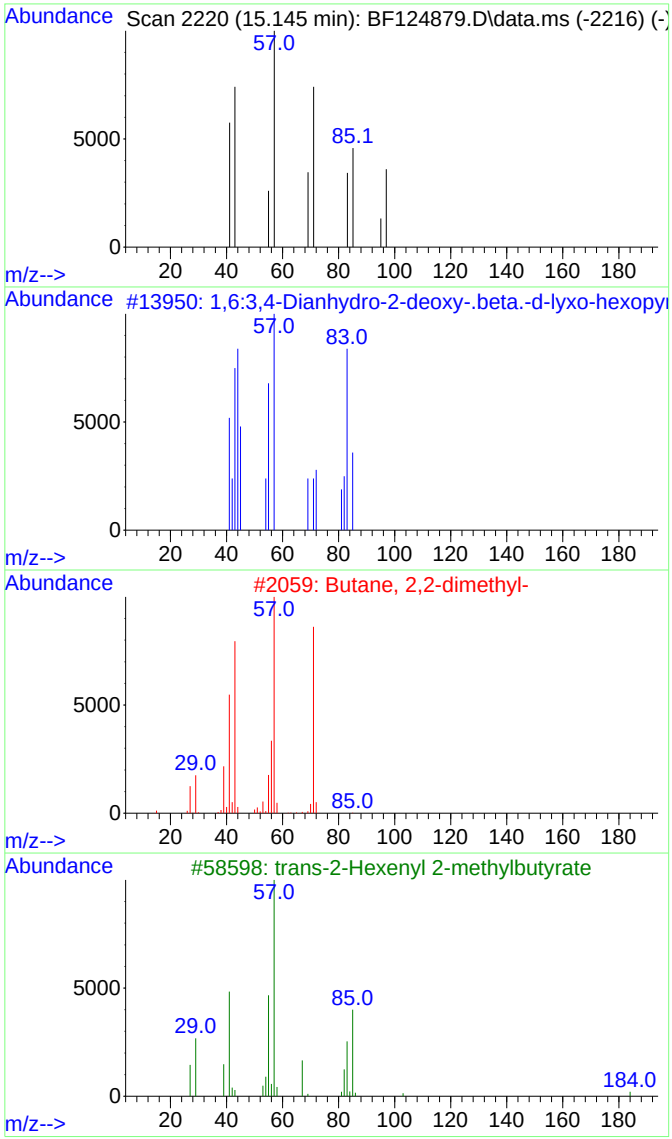
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

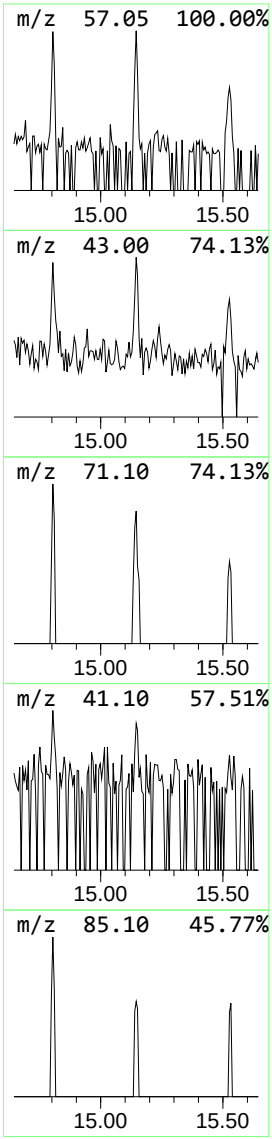
****

Peak Number 19 unknown15.145 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	3.92 ng	6890	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	12
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
3	trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
4	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9
5	trans-Crotonamide	85	C4H7NO	000625-37-6	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124879.D
Acq On : 30 Jul 2021 16:45
Operator : JU/CG
Sample : M3210-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(1.0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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
unknown2.116	2.116	6.0	ng	10640	1	6.869	35446	20.0
unknown5.093	5.093	2.3	ng	4084	1	6.869	35446	20.0
unknown6.698	6.698	2.1	ng	3644	1	6.869	35446	20.0
unknown8.051	8.051	8.3	ng	19721	2	8.151	47397	20.0
unknown8.739	8.739	2.3	ng	5349	2	8.151	47397	20.0
unknown9.833	9.833	2.1	ng	6207	3	9.910	59551	20.0
unknown10.551	10.551	2.7	ng	8132	3	9.910	59551	20.0
Hentriacontane	10.822	5.3	ng	16510	4	11.398	62797	20.0
unknown11.286	11.286	2.2	ng	6769	4	11.398	62797	20.0
unknown11.922	11.922	4.0	ng	12636	4	11.398	62797	20.0
unknown12.480	12.480	3.5	ng	11086	4	11.398	62797	20.0
unknown12.851	12.851	2.6	ng	4759	5	14.039	36077	20.0
unknown13.204	13.204	3.8	ng	6910	5	14.039	36077	20.0
unknown13.545	13.545	4.2	ng	7485	5	14.039	36077	20.0
Hexacosyl trifl...	13.880	12.5	ng	22569	5	14.039	36077	20.0
unknown14.192	14.192	5.1	ng	9145	5	14.039	36077	20.0
unknown14.498	14.498	4.1	ng	7383	5	14.039	36077	20.0
unknown14.804	14.804	2.5	ng	4356	6	15.515	35166	20.0
unknown15.145	15.145	3.9	ng	6890	6	15.515	35166	20.0