LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142030.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	3	11	27	rVB	945013	1506836	41.57%	5.307%
2	5.093	501	510	519	rBV	126004	203557	5.62%	0.717%
3	5.493	571	578	589	rBV	1774510	2404042	66.32%	8.467%
4	6.493	742	748	769	rBV	1940325	2704963	74.62%	9.527%
5	6.875	808	813	819	rBV	644084	811914	22.40%	2.859%
6	7.434	902	908	918	rBV	1348706	1806734	49.84%	6.363%
7	7.687	946	951	961	rBV	52081	73816	2.04%	0.260%
8	8.151	1025	1030	1048	rBV	783216	1087059	29.99%	3.829%
9	8.369	1062	1067	1078	rBV	24959	38562	1.06%	0.136%
10	9.228	1207	1213	1223	rBV	2858569	3624911	100.00%	12.767%
11	9.910	1323	1329	1333	rBV	944008	1252396	34.55%	4.411%
12	9.939	1333	1334	1338	rVB	54974	41947	1.16%	0.148%
13	10.457	1418	1422	1427	rVB	36616	46862	1.29%	0.165%
14	10.616	1444	1449	1457	rVB	242989	312161	8.61%	1.099%
15	10.692	1457	1462	1473	rBV	1161905	1512064	41.71%	5.325%
16	11.392	1576	1581	1590	rBV2	829741	1611551	44.46%	5.676%
17	11.469	1590	1594	1598	rVB	93174	123225	3.40%	0.434%
18	11.622	1614	1620	1628	rBV	86548	143471	3.96%	0.505%
19	11.916	1662	1670	1676	rBV2	92784	205450	5.67%	0.724%
20	12.010	1682	1686	1693	rVB2	69962	119331	3.29%	0.420%
21	12.169	1709	1713	1715	rBV2	31002	41941	1.16%	0.148%
22	12.439	1755	1759	1764	rBV3	28481	42351	1.17%	0.149%
23	12.604	1782	1787	1793	rBV	565644	743539	20.51%	2.619%
24	12.698	1799	1803	1810	rBV	73974	125039	3.45%	0.440%
25	12.833	1819	1826	1832	rBV	487343	718227	19.81%	2.530%
26	12.975	1842	1850	1858	rBV	1931885	2607812	71.94%	9.185%
27	13.051	1858	1863	1867	rBV2	23976	44778	1.24%	0.158%
28	13.163	1874	1882	1885	rBV2	39393	79347	2.19%	0.279%
29	13.669	1964	1968	1974	rVB	32815	45751	1.26%	0.161%
30	13.780	1983	1987	1990	rBV2	31382	49257	1.36%	0.173%
31	13.875	1999	2003	2011	rVB2	101576	169922	4.69%	0.598%
32	14.027	2022	2029	2041	rBV2	656685	1316152	36.31%	4.635%
33	14.139	2044	2048	2052	rVB	35334	45370	1.25%	0.160%
34	14.504	2106	2110	2114	rBV4	27569	48450	1.34%	0.171%
35	14.886	2171	2175	2178	rBV2	37710	59603	1.64%	0.210%
36	15.074	2201	2207	2216	rBV	265916	605437	16.70%	2.132%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.180	2223	2225	2230	rVB	35971	42525	1.17%	0.150%
38	15.380	2254	2259	2264	rVB	137727	216540	5.97%	0.763%
39	15.439	2264	2269	2274	rVV	195793	287764	7.94%	1.013%
40	15.504	2274	2280	2293	rVB	502762	909343	25.09%	3.203%
41	16.792	2495	2499	2510	rVB5	36463	100272	2.77%	0.353%
42	16.986	2526	2532	2543	rVB2	108662	249284	6.88%	0.878%
43	17.433	2602	2608	2623	rVB	88476	214050	5.90%	0.754%

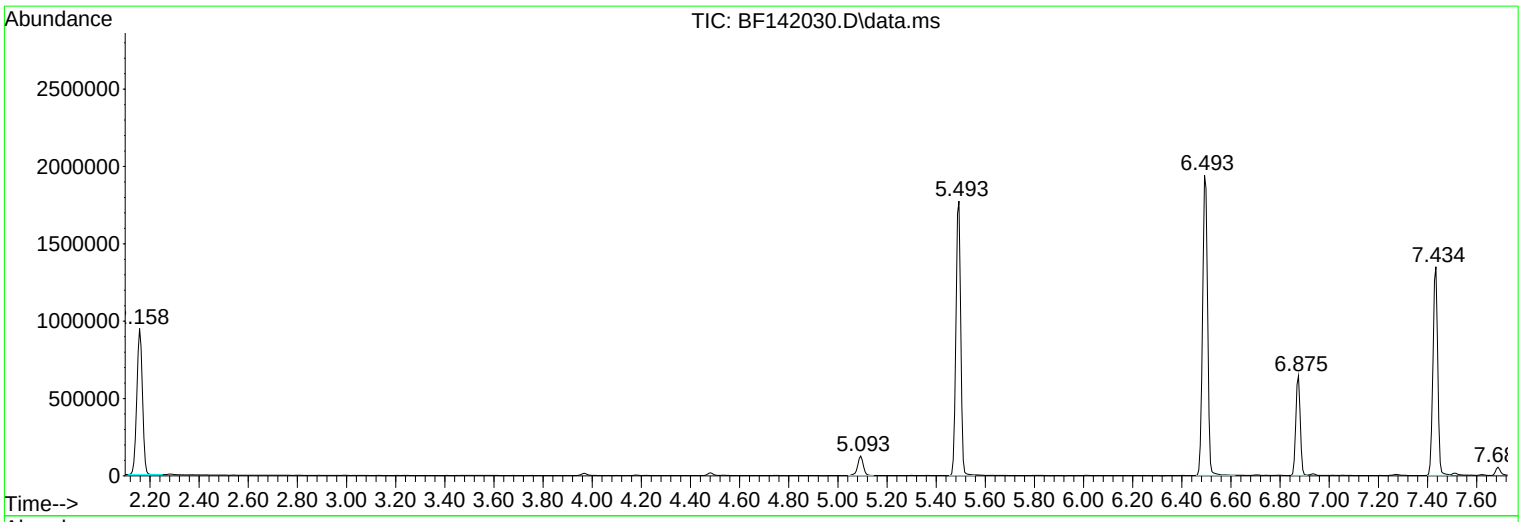
Sum of corrected areas: 28393606

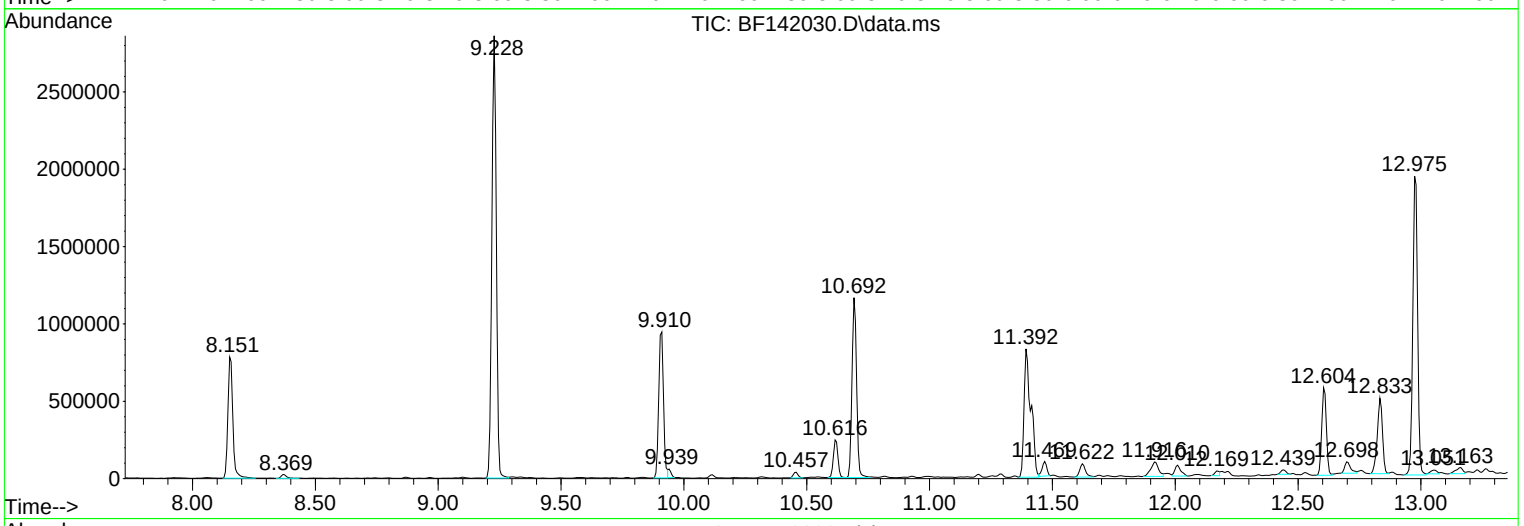
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

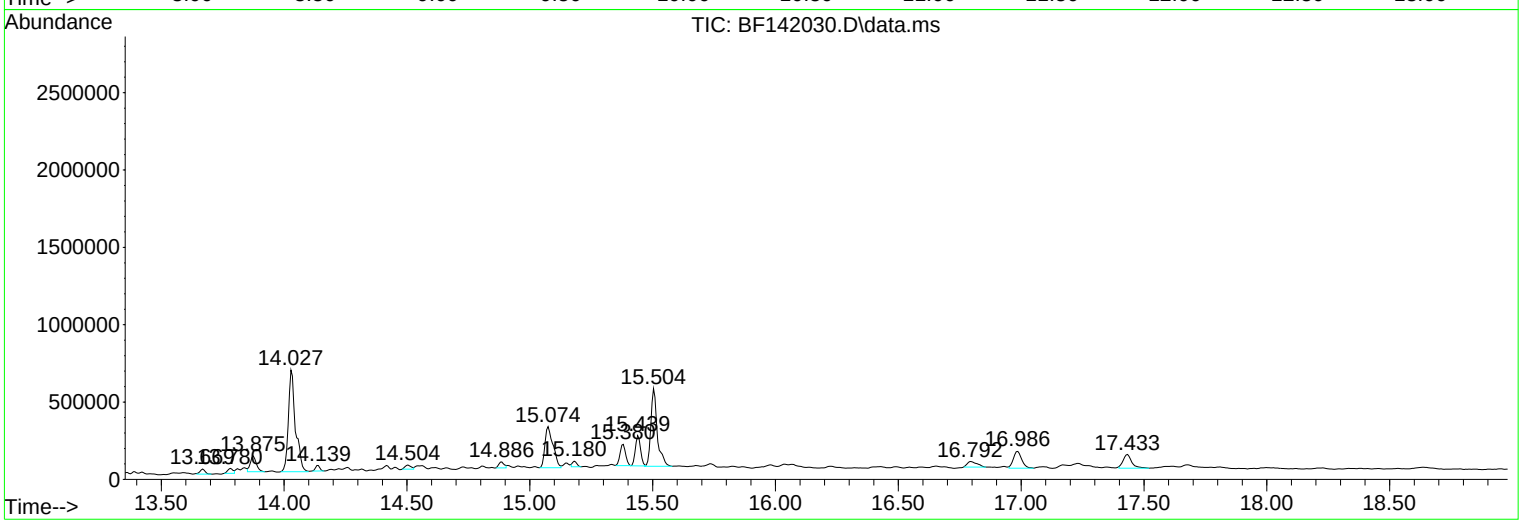
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

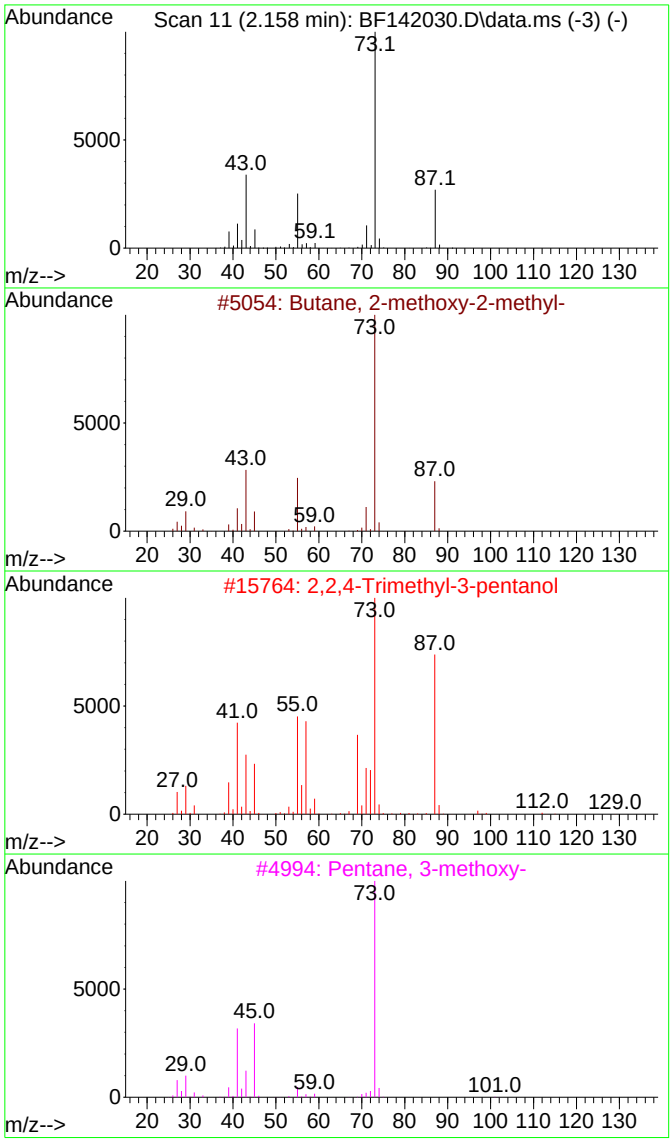
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

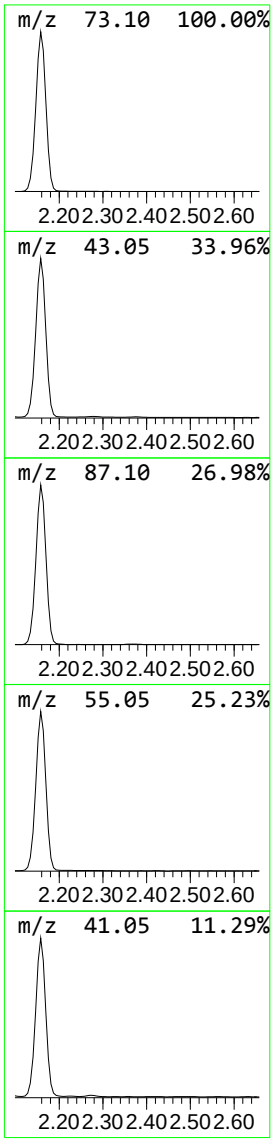
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	37.12 ng	1506840	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

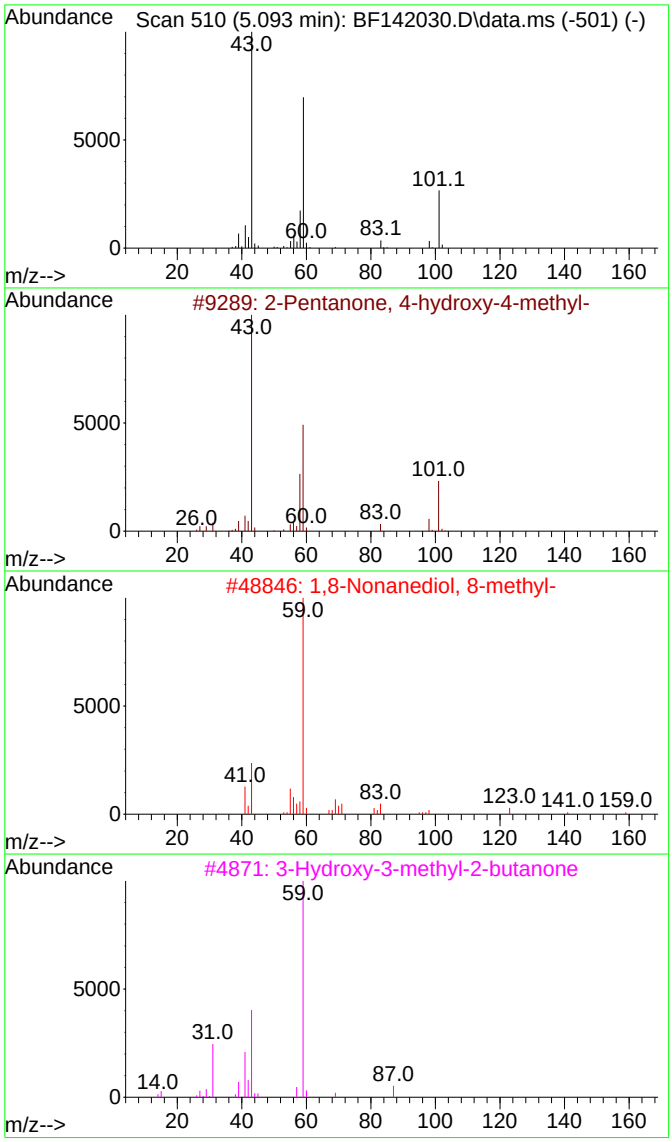
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

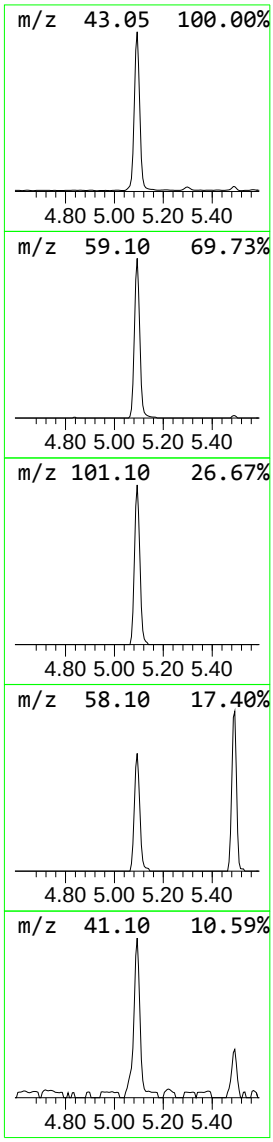
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.01 ng	203557	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

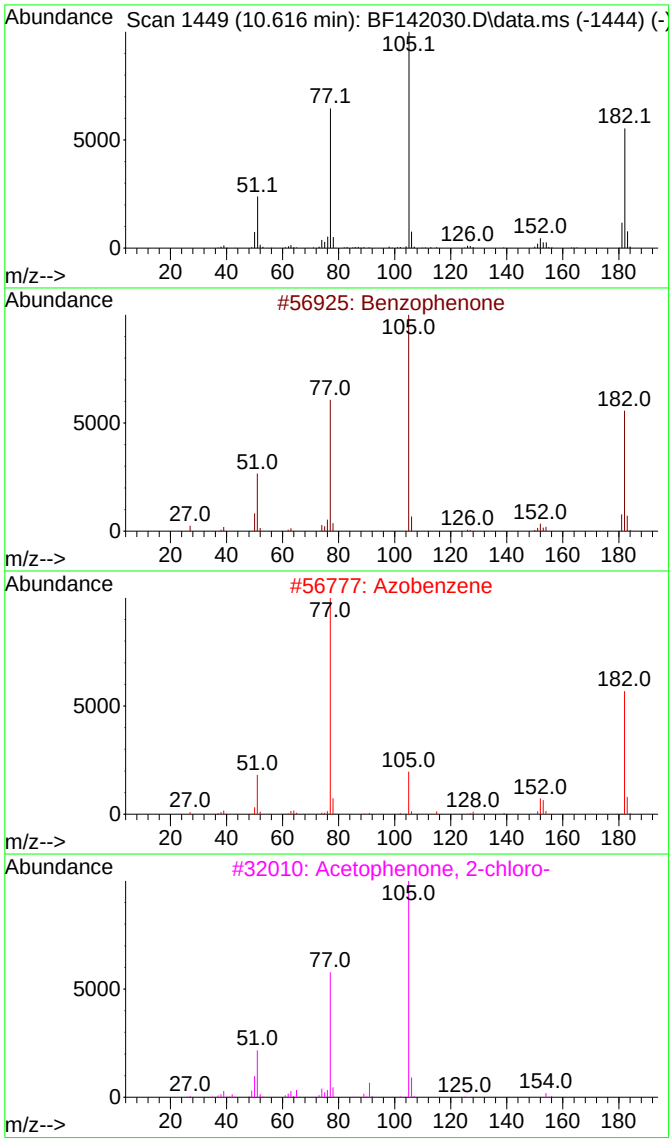
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

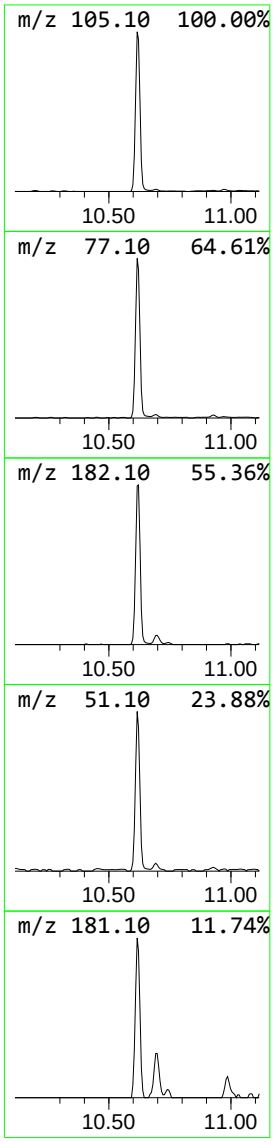
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.99 ng	312161	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

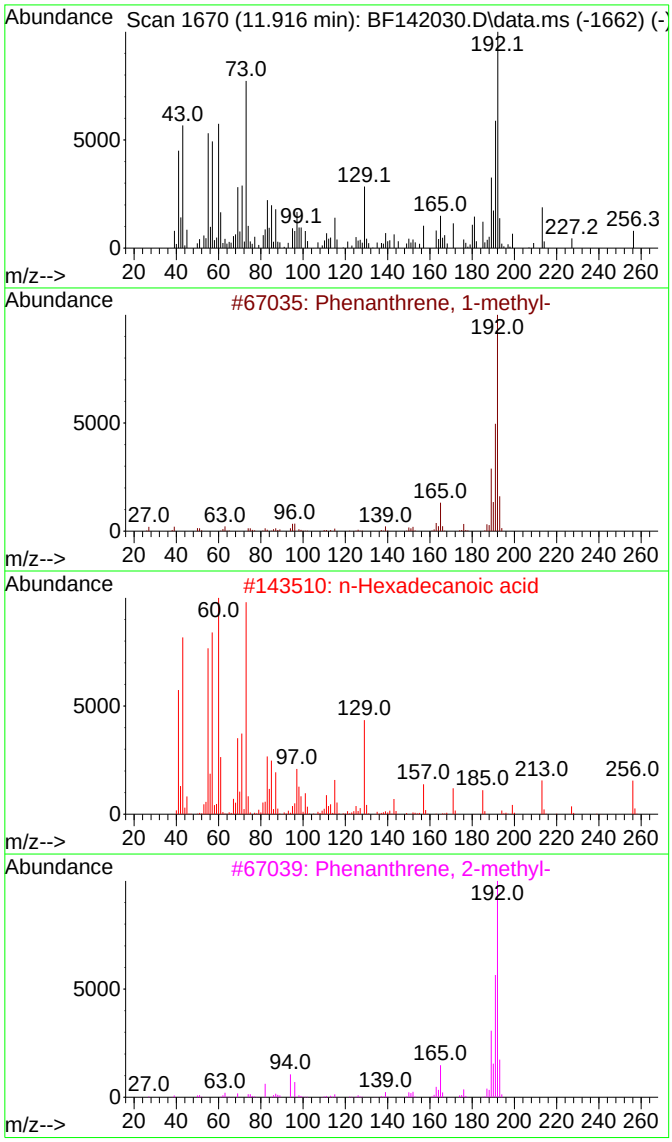
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

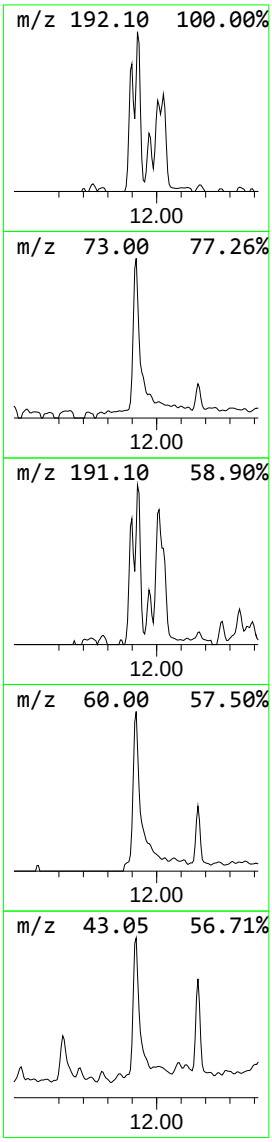
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.55 ng	205450	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	84
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

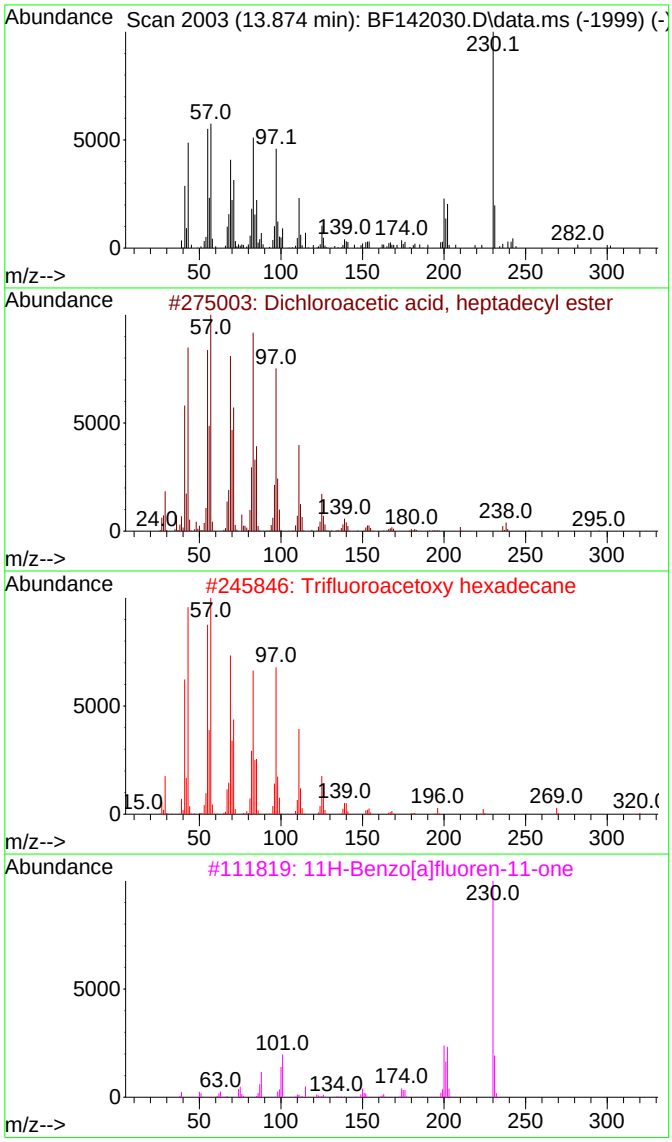
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

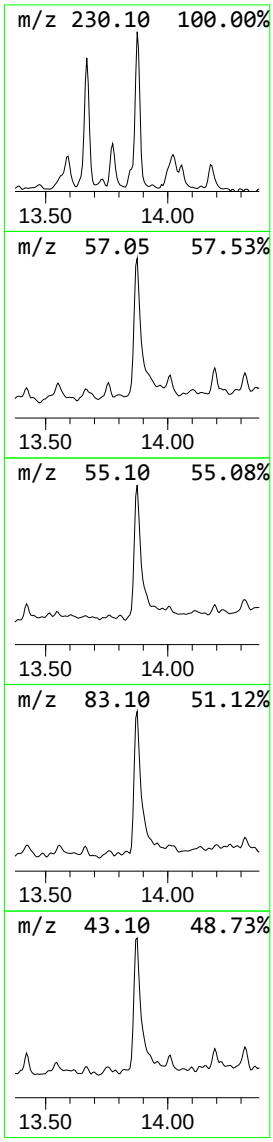
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.58 ng	169922	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	84
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

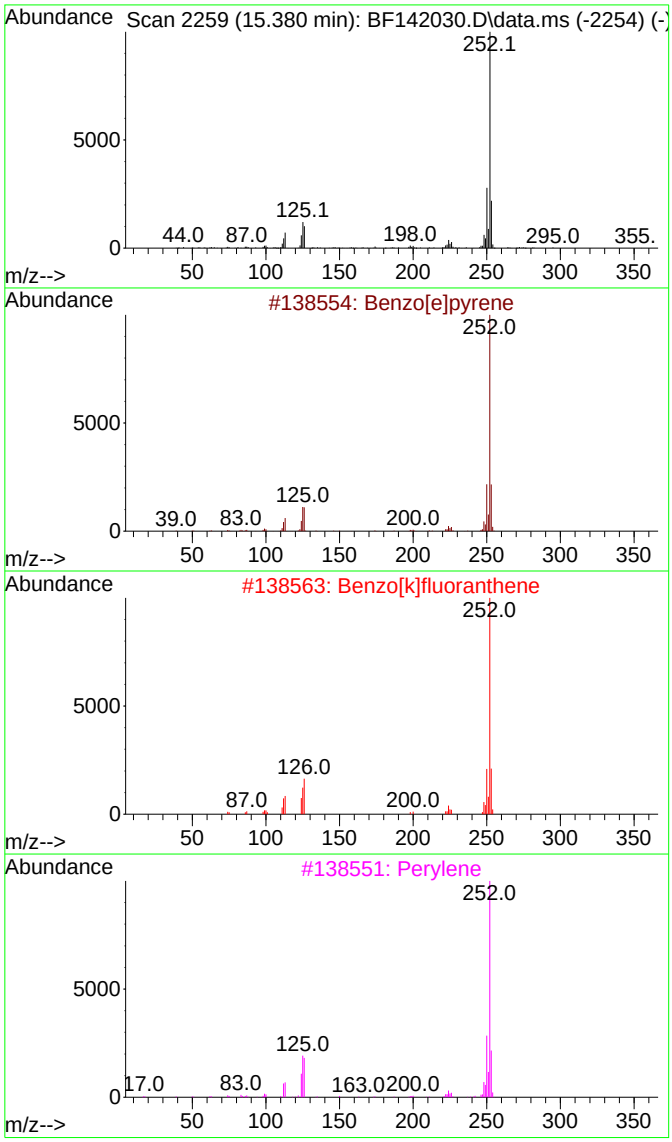
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

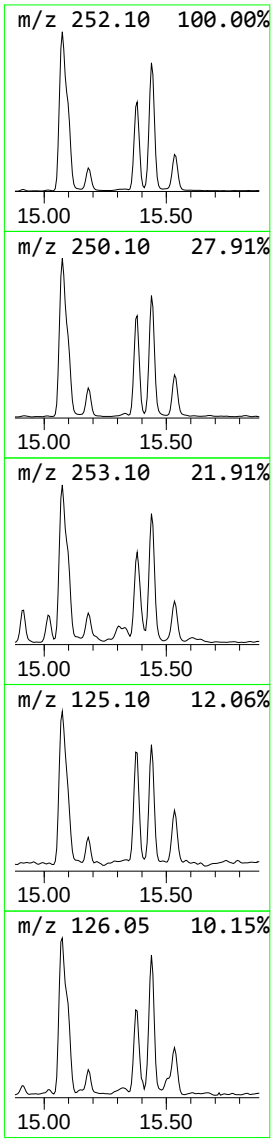
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	4.76 ng	216540	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

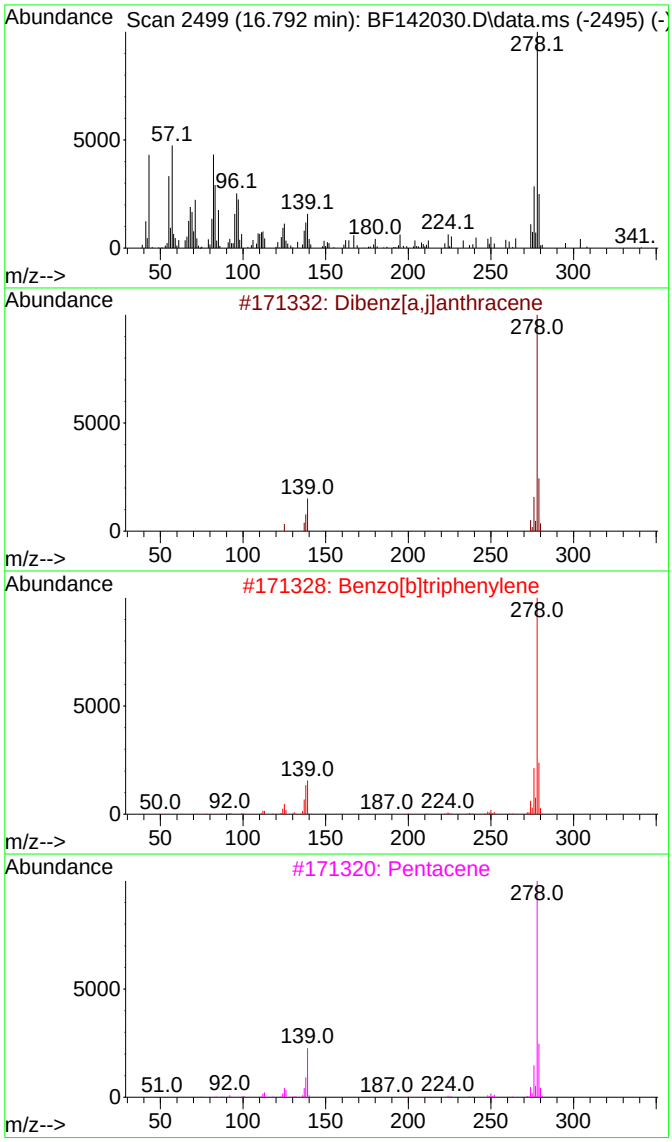
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

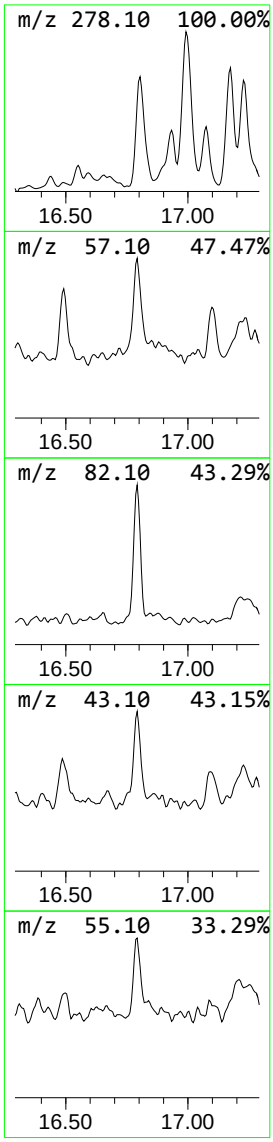
****

Peak Number 7 Dibenz[a,j]anthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.792	2.21 ng	100272	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	72
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	55
3	Pentacene	278	C22H14	000135-48-8	53
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	50
5	Benzo[b]chrysene	278	C22H14	000214-17-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142030.D
Acq On : 21 Mar 2025 15:22
Operator : RC/JU
Sample : Q1619-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.158	37.1	ng	1506840	1	6.875	811914	20.0
2-Pentanone, 4-...	5.093	5.0	ng	203557	1	6.875	811914	20.0
Benzophenone	10.616	5.0	ng	312161	3	9.910	1252400	20.0
Phenanthrene, 1...	11.916	2.5	ng	205450	4	11.392	1611550	20.0
Dichloroacetic ...	13.874	2.6	ng	169922	5	14.033	1316150	20.0
Benzo[e]pyrene	15.380	4.8	ng	216540	6	15.504	909343	20.0
Dibenz[a,j]anth...	16.792	2.2	ng	100272	6	15.504	909343	20.0