LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.463	380	386	402	rVB	71772	108211	14.35%	1.472%
2	5.081	482	491	503	rBV	83636	121943	16.17%	1.658%
3	5.487	555	560	570	rBV	477811	640774	84.96%	8.715%
4	6.498	727	732	752	rBV	493599	628829	83.38%	8.552%
5	6.869	790	795	803	rBV	215336	275089	36.48%	3.741%
6	7.434	886	891	904	rBV	304467	377095	50.00%	5.129%
7	8.157	1009	1014	1031	rBV	262987	327168	43.38%	4.450%
8	9.228	1191	1196	1201	rBV	494438	614552	81.49%	8.358%
9	9.910	1307	1312	1317	rBV	254483	317995	42.16%	4.325%
10	10.622	1428	1433	1440	rVB	66785	83047	11.01%	1.129%
11	10.698	1442	1446	1458	rBV	306572	404980	53.70%	5.508%
12	11.398	1560	1565	1574	rBV2	233786	374658	49.68%	5.096%
13	11.474	1574	1578	1582	rVB	9963	12754	1.69%	0.173%
14	11.633	1598	1605	1611	rBV2	4917	7745	1.03%	0.105%
15	11.921	1647	1654	1662	rBV3	69687	123770	16.41%	1.683%
16	12.016	1667	1670	1680	rVB	14492	27916	3.70%	0.380%
17	12.616	1767	1772	1777	rBV	127866	156959	20.81%	2.135%
18	12.710	1784	1788	1794	rBV2	8935	11417	1.51%	0.155%
19	12.845	1804	1811	1816	rBV	114780	162650	21.57%	2.212%
20	12.986	1827	1835	1843	rBV	596708	754172	100.00%	10.257%
21	13.063	1843	1848	1852	rBV3	8234	13891	1.84%	0.189%
22	13.174	1859	1867	1871	rBV2	12458	24786	3.29%	0.337%
23	13.280	1881	1885	1892	rVB3	11031	16982	2.25%	0.231%
24	13.404	1903	1906	1914	rVB5	6484	8925	1.18%	0.121%
25	13.557	1927	1932	1937	rBV3	7605	13637	1.81%	0.185%
26	13.686	1947	1954	1960	rBV	13131	20170	2.67%	0.274%
27	13.798	1968	1973	1975	rBV2	11696	16850	2.23%	0.229%
28	13.892	1984	1989	1998	rVB2	40123	76855	10.19%	1.045%
29	14.045	2007	2015	2027	rBV2	354781	598592	79.37%	8.141%
30	14.139	2027	2031	2037	rBV2	22044	38854	5.15%	0.528%
31	14.198	2037	2041	2046	rBV3	14582	24595	3.26%	0.335%
32	14.433	2077	2081	2084	rBV	13999	17463	2.32%	0.238%
33	14.504	2090	2093	2099	rBV3	14890	27085	3.59%	0.368%
34	14.821	2143	2147	2151	rVV3	8596	13272	1.76%	0.181%
35	14.892	2156	2159	2163	rVV	9503	13177	1.75%	0.179%
36	14.939	2164	2167	2176	rVB4	6326	10179	1.35%	0.138%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.098	2189	2194	2202	rBV	79286	181971	24.13%	2.475%
38	15.210	2210	2213	2218	rBV	10589	15142	2.01%	0.206%
39	15.410	2242	2247	2253	rVB	41324	66028	8.76%	0.898%
40	15.474	2253	2258	2263	rBV	60011	92498	12.26%	1.258%
41	15.539	2263	2269	2282	rVB	262271	436003	57.81%	5.930%
42	17.045	2518	2525	2533	rVB2	21182	48251	6.40%	0.656%
43	17.286	2561	2566	2573	rBV5	5213	12298	1.63%	0.167%
44	17.498	2596	2602	2610	rVB	14922	33455	4.44%	0.455%

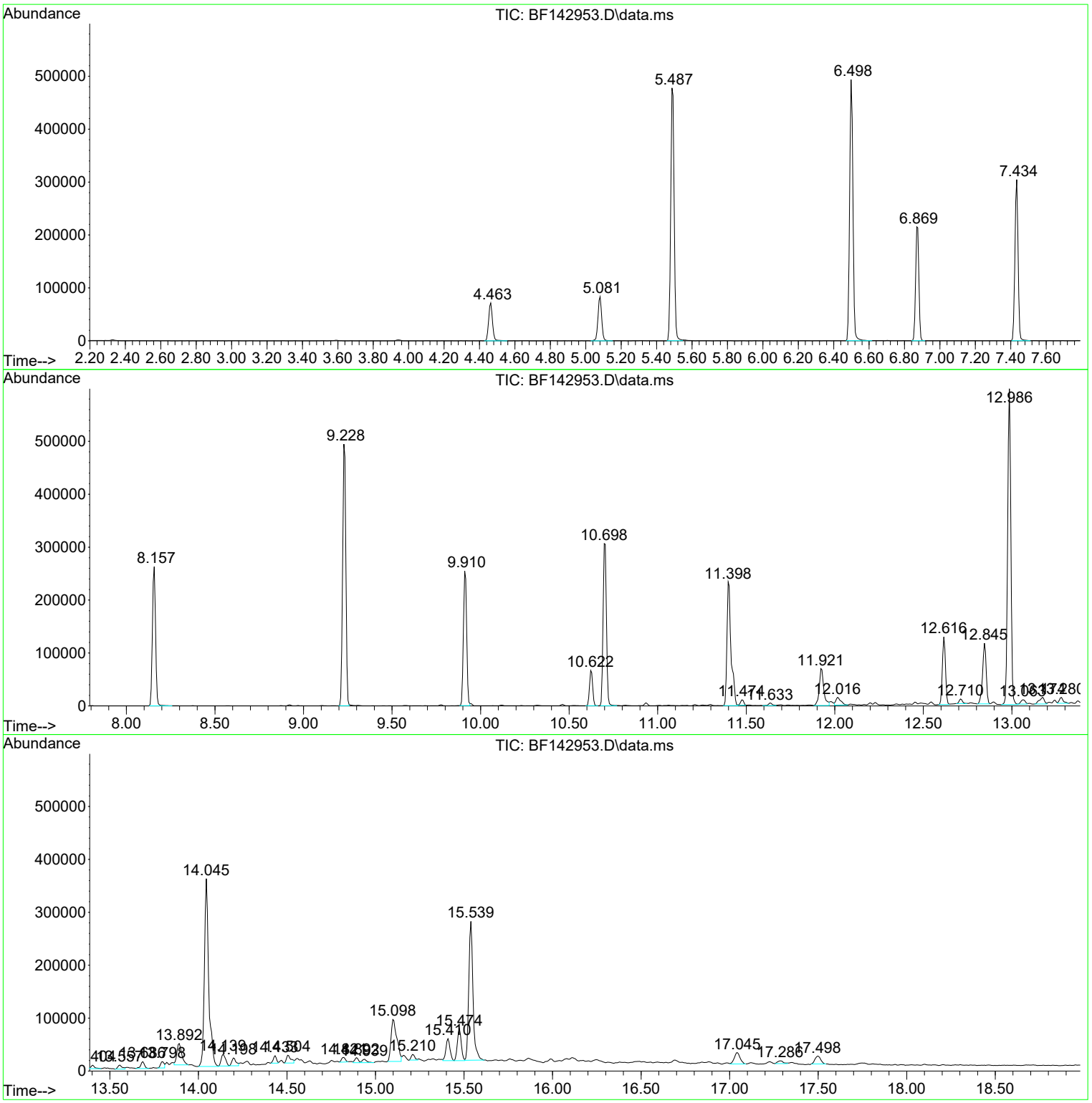
Sum of corrected areas: 7352683

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

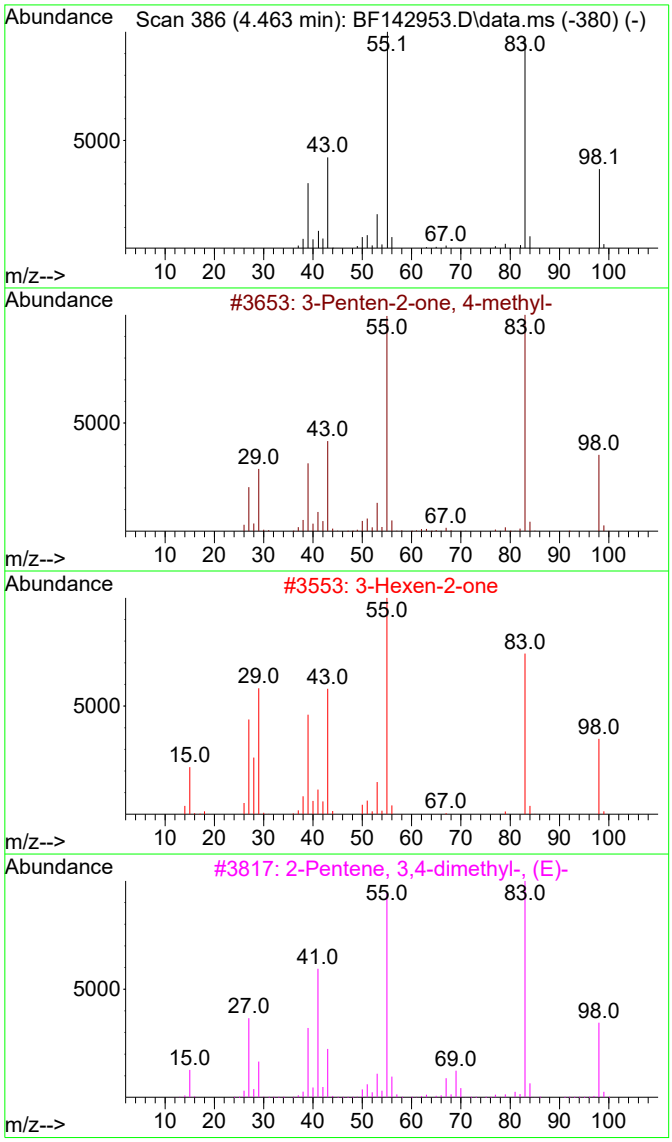
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

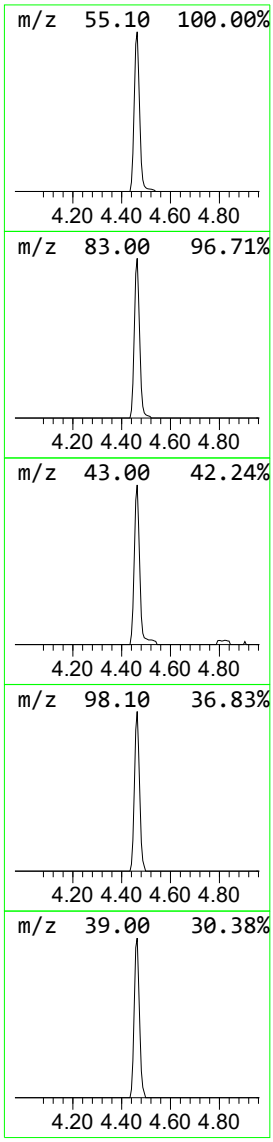
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.463	7.87 ng	108211	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

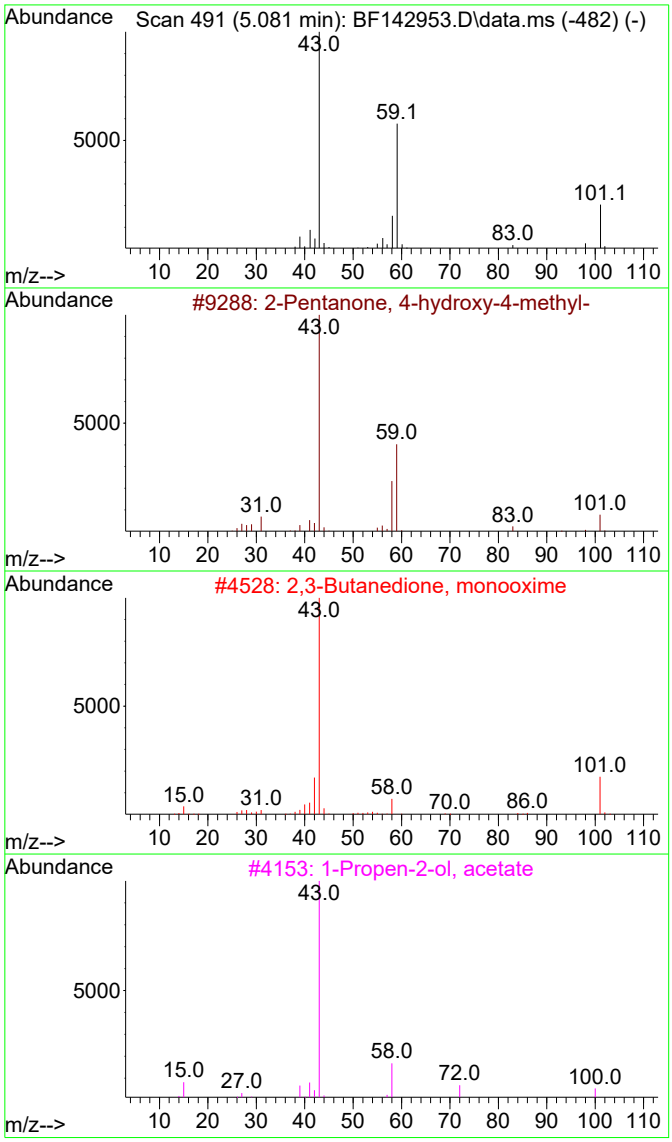
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

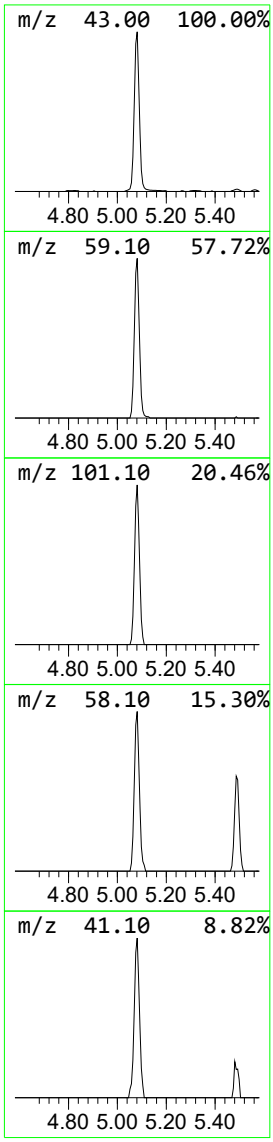
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	8.87 ng	121943	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

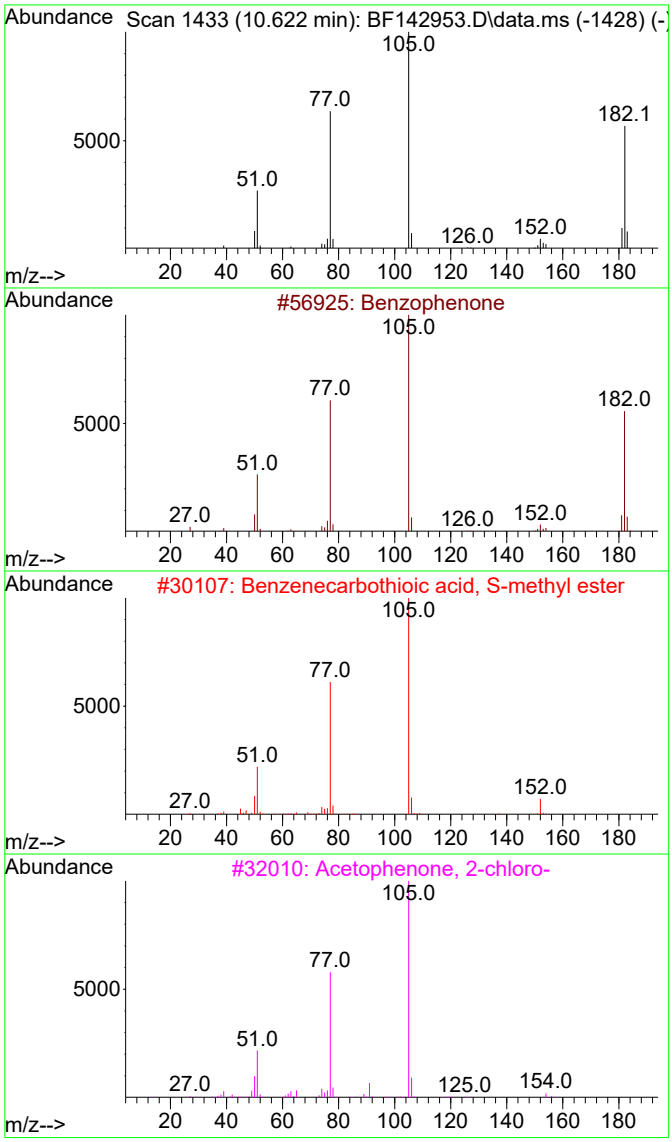
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

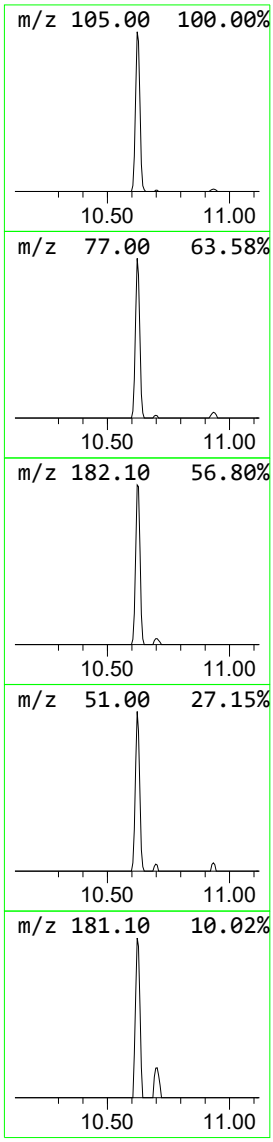
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	5.22 ng	83047	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

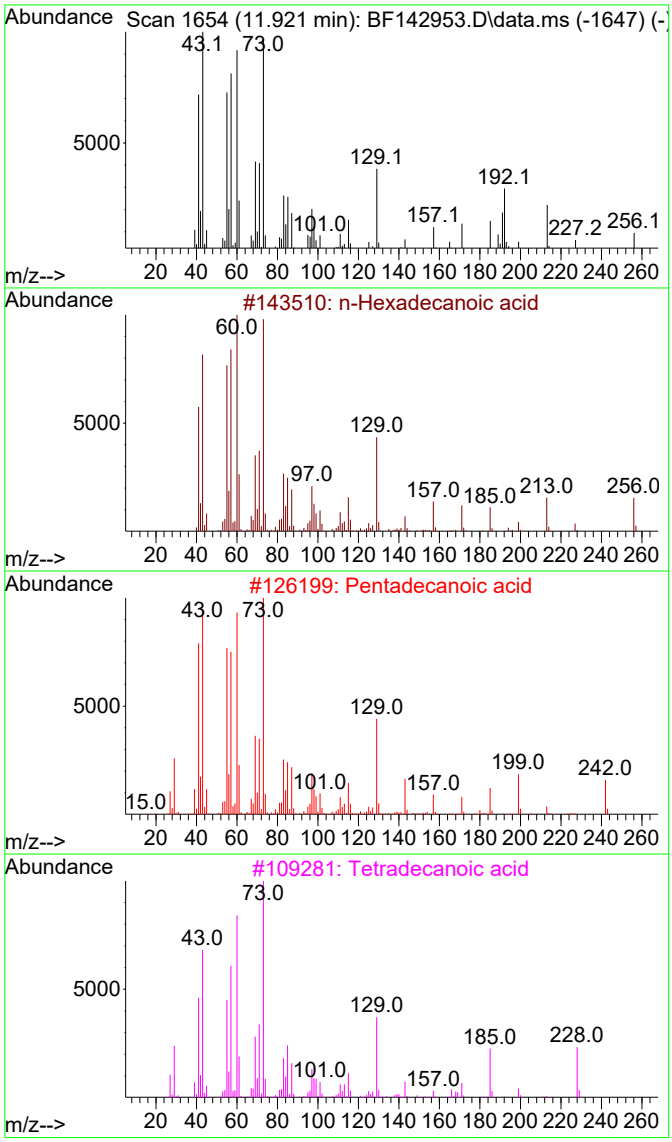
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

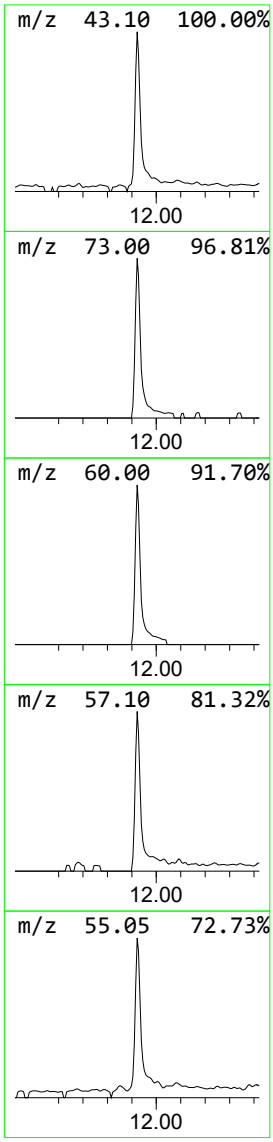
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	6.61 ng	123770	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

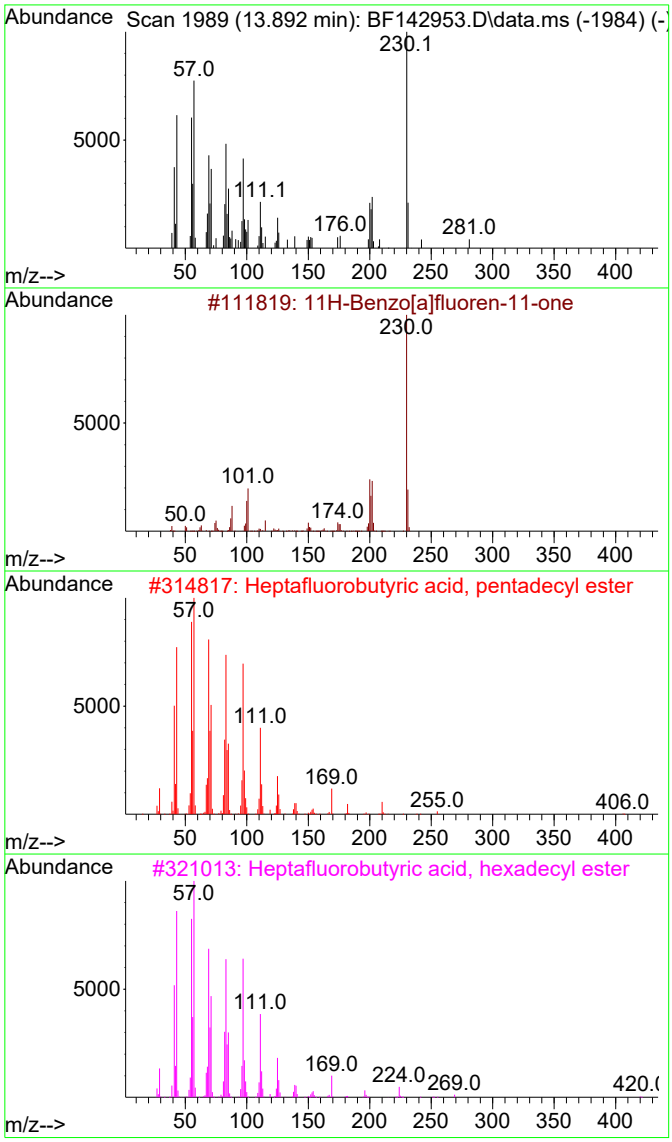
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

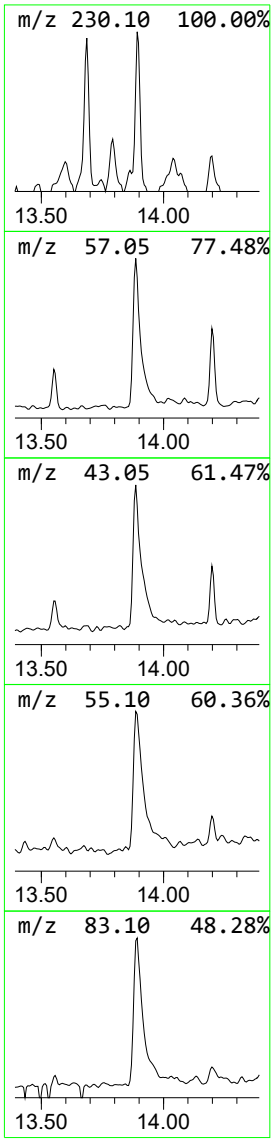
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.57 ng	76855	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	80
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	80
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

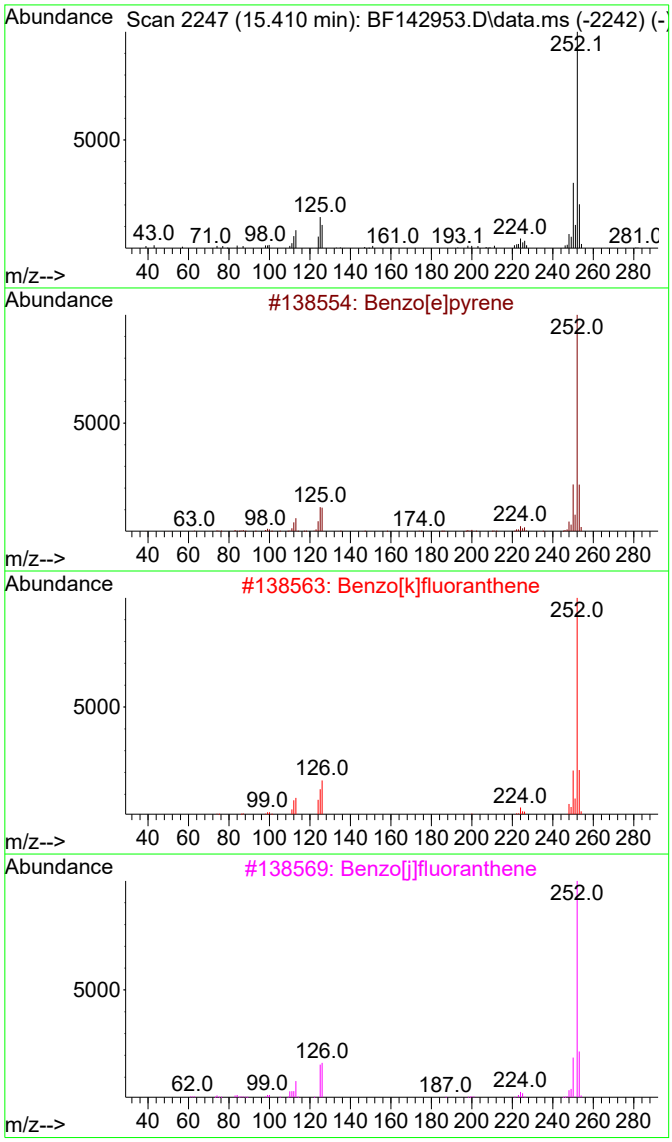
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

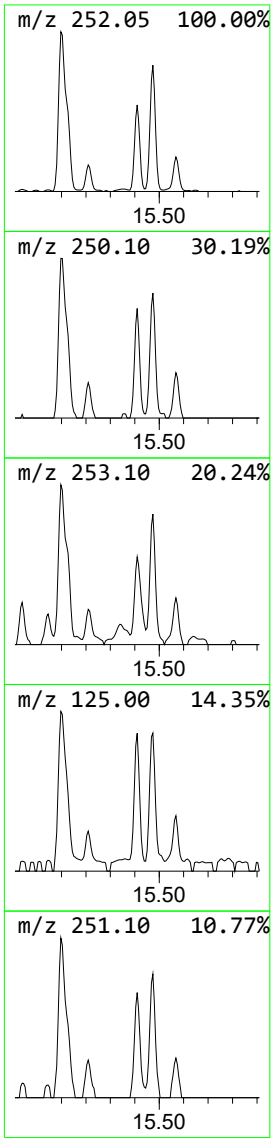
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.03 ng	66028	Perylene-d12	15.539

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	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

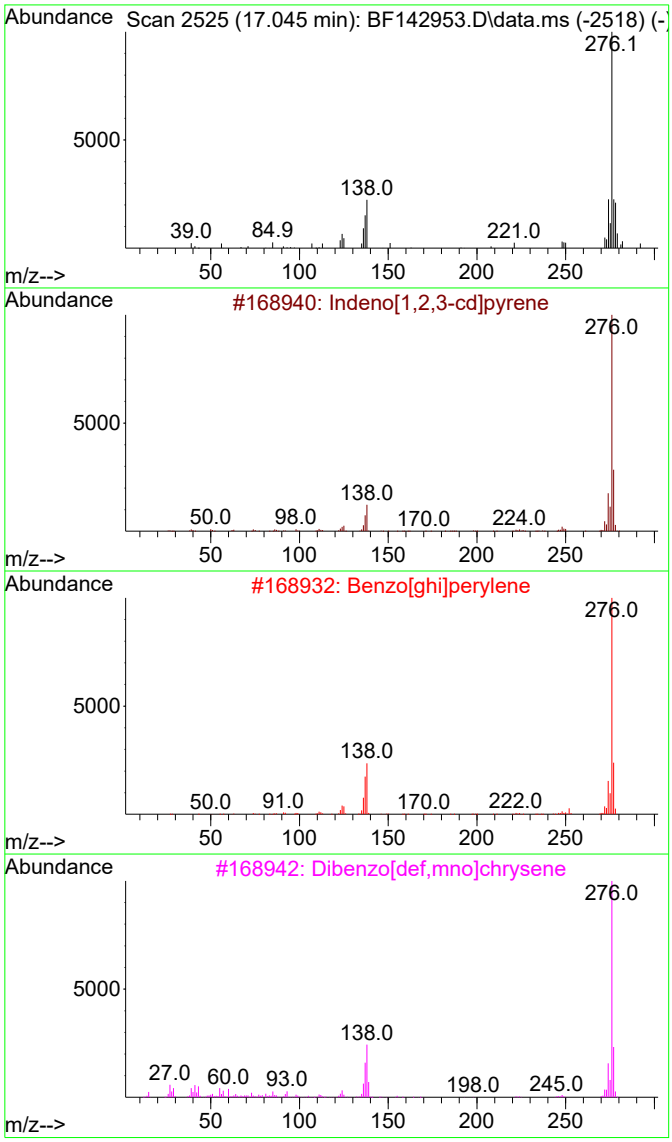
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

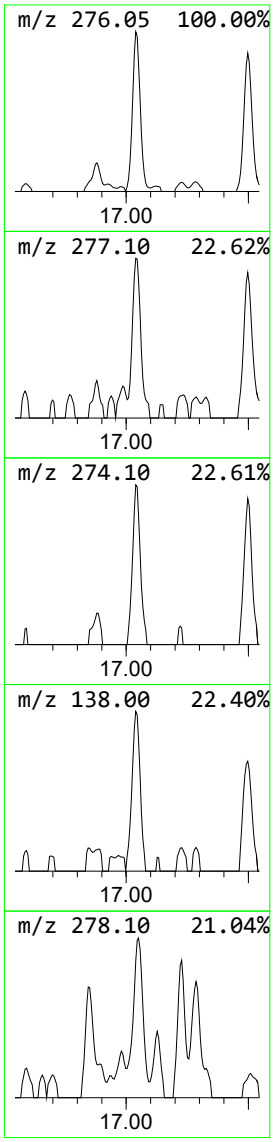
****

Peak Number 7 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	2.21 ng	48251	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142953.D
Acq On : 01 Jul 2025 16:58
Operator : RC/JU
Sample : Q2469-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
3-Penten-2-one,...	4.463	7.9	ng	108211	1	6.875	275089	20.0
2-Pentanone, 4-...	5.081	8.9	ng	121943	1	6.875	275089	20.0
Benzophenone	10.622	5.2	ng	83047	3	9.910	317995	20.0
n-Hexadecanoic ...	11.922	6.6	ng	123770	4	11.398	374658	20.0
11H-Benzo[a]flu...	13.892	2.6	ng	76855	5	14.045	598592	20.0
Benzo[e]pyrene	15.410	3.0	ng	66028	6	15.539	436003	20.0
Dibenzo[def,mno...	17.045	2.2	ng	48251	6	15.539	436003	20.0