LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1403

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139632.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	17	rVB	4785202	8739935	100.00%	21.921%
2	5.069	498	506	511	rBV	117824	177783	2.03%	0.446%
3	5.487	564	577	586	rBV	1045862	1441824	16.50%	3.616%
4	5.828	624	635	640	rBV	1281140	2060569	23.58%	5.168%
5	6.493	738	748	757	rBV	726693	965509	11.05%	2.422%
6	6.863	806	811	816	rBV	418354	505599	5.78%	1.268%
7	7.428	900	907	912	rBV	1403981	1891458	21.64%	4.744%
8	7.522	917	923	929	rVB2	53062	108068	1.24%	0.271%
9	7.887	970	985	990	rBV2	89048	183407	2.10%	0.460%
10	8.145	1024	1029	1037	rVB	527089	664728	7.61%	1.667%
11	8.798	1135	1140	1147	rBV	123599	170694	1.95%	0.428%
12	9.222	1206	1212	1217	rBV	2544434	3283338	37.57%	8.235%
13	9.363	1230	1236	1241	rBV	285408	362124	4.14%	0.908%
14	9.898	1323	1327	1338	rVB	613932	899089	10.29%	2.255%
15	10.281	1387	1392	1406	rBV2	180195	279042	3.19%	0.700%
16	10.651	1449	1455	1457	rBV2	75412	125445	1.44%	0.315%
17	10.692	1457	1462	1467	rVB	1411903	1882900	21.54%	4.722%
18	11.222	1547	1552	1562	rBV	204226	281779	3.22%	0.707%
19	11.386	1575	1580	1589	rBV	597432	779709	8.92%	1.956%
20	11.539	1601	1606	1614	rBV	164676	242387	2.77%	0.608%
21	11.904	1663	1668	1678	rBV	119841	201040	2.30%	0.504%
22	12.357	1738	1745	1756	rBV	470764	670930	7.68%	1.683%
23	12.639	1783	1793	1798	rBV	140075	233083	2.67%	0.585%
24	12.692	1798	1802	1812	rVB	106624	178816	2.05%	0.448%
25	12.975	1844	1850	1855	rBV	2224505	2896541	33.14%	7.265%
26	13.363	1911	1916	1919	rBV	933315	1299732	14.87%	3.260%
27	13.422	1919	1926	1931	rVV	1465249	2944219	33.69%	7.384%
28	13.463	1931	1933	1939	rVB	177188	236286	2.70%	0.593%
29	13.610	1954	1958	1971	rVB	213044	334972	3.83%	0.840%
30	13.822	1990	1994	2008	rBV2	183276	339581	3.89%	0.852%
31	14.027	2021	2029	2040	rVB	399650	575031	6.58%	1.442%
32	14.257	2062	2068	2089	rBV	1097788	1701084	19.46%	4.266%
33	14.474	2100	2105	2111	rBV	344443	556474	6.37%	1.396%
34	15.121	2210	2215	2226	rBV	623515	1110324	12.70%	2.785%
35	15.392	2256	2261	2273	rBV	224675	447216	5.12%	1.122%
36	15.498	2273	2279	2284	rVB	327733	497878	5.70%	1.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.292	2407	2414	2426	rBV	163767	417446	4.78%	1.047%
38	16.686	2475	2481	2499	rBV	56043	184880	2.12%	0.464%

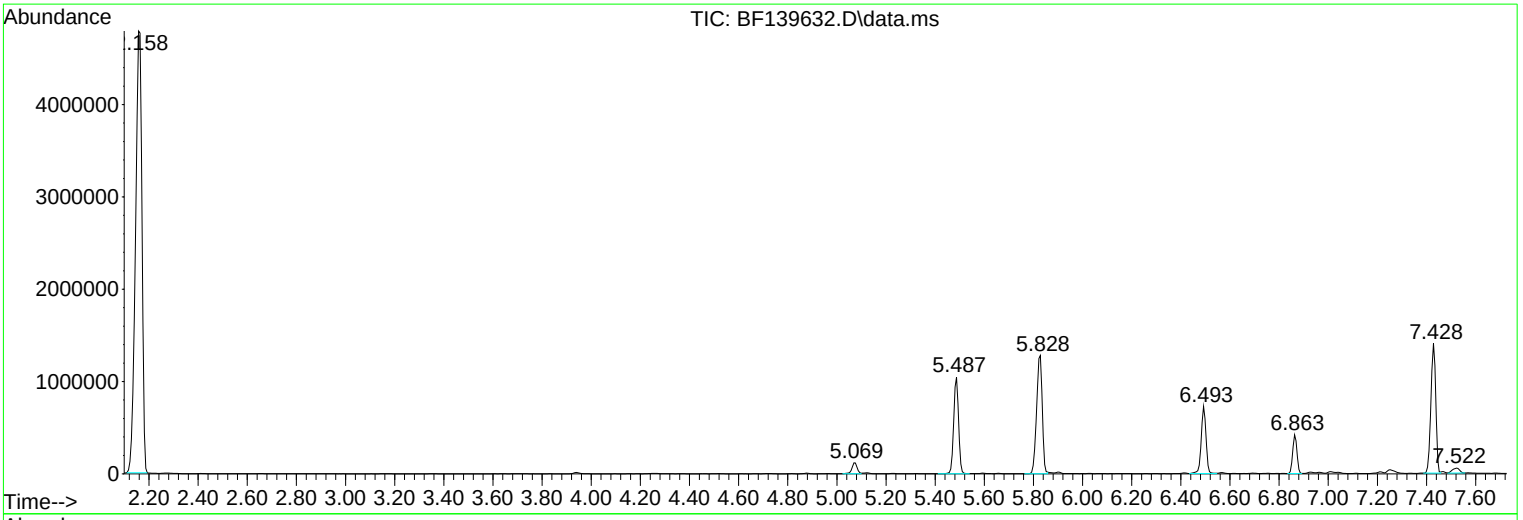
Sum of corrected areas: 39870920

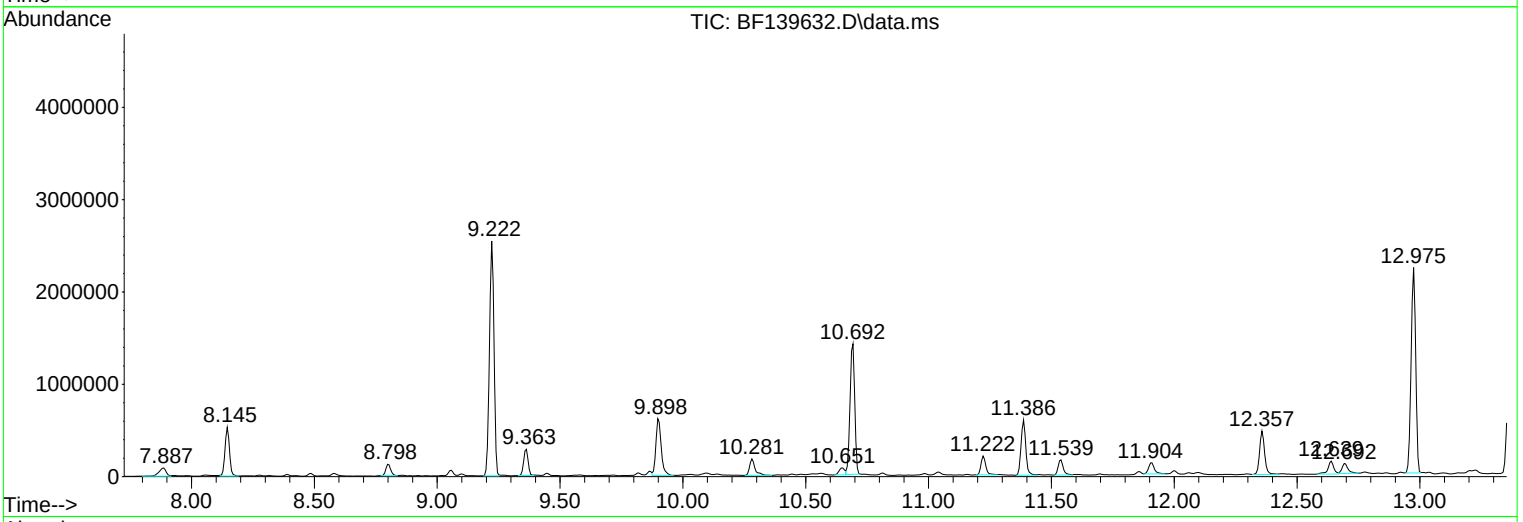
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

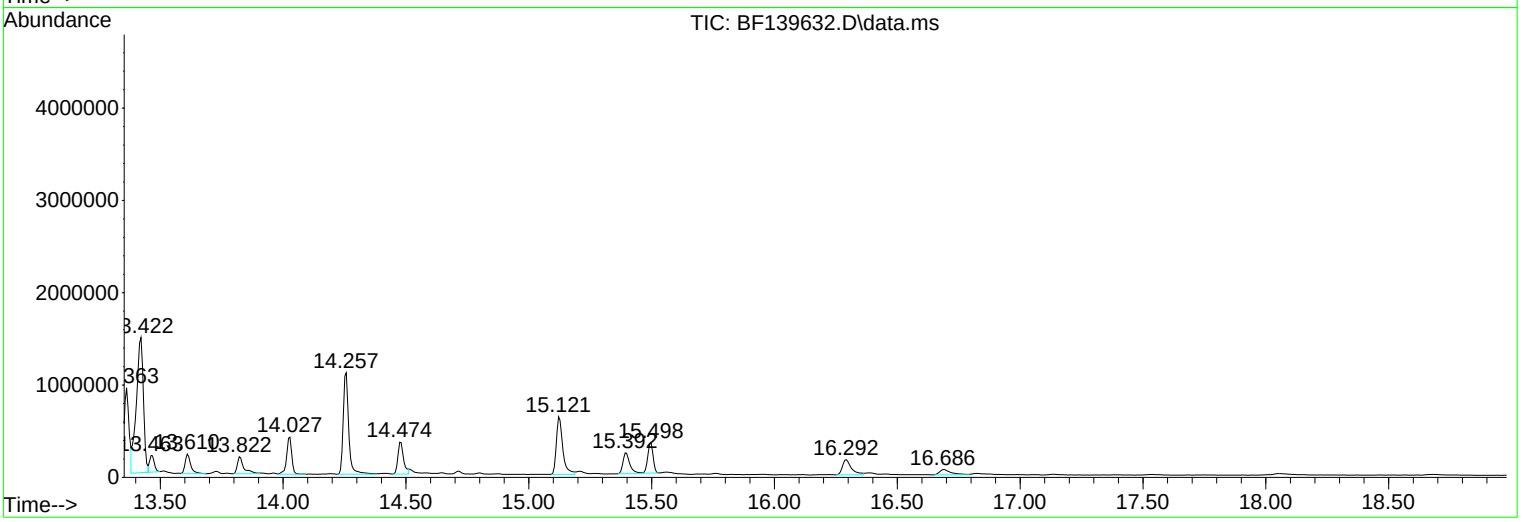
Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

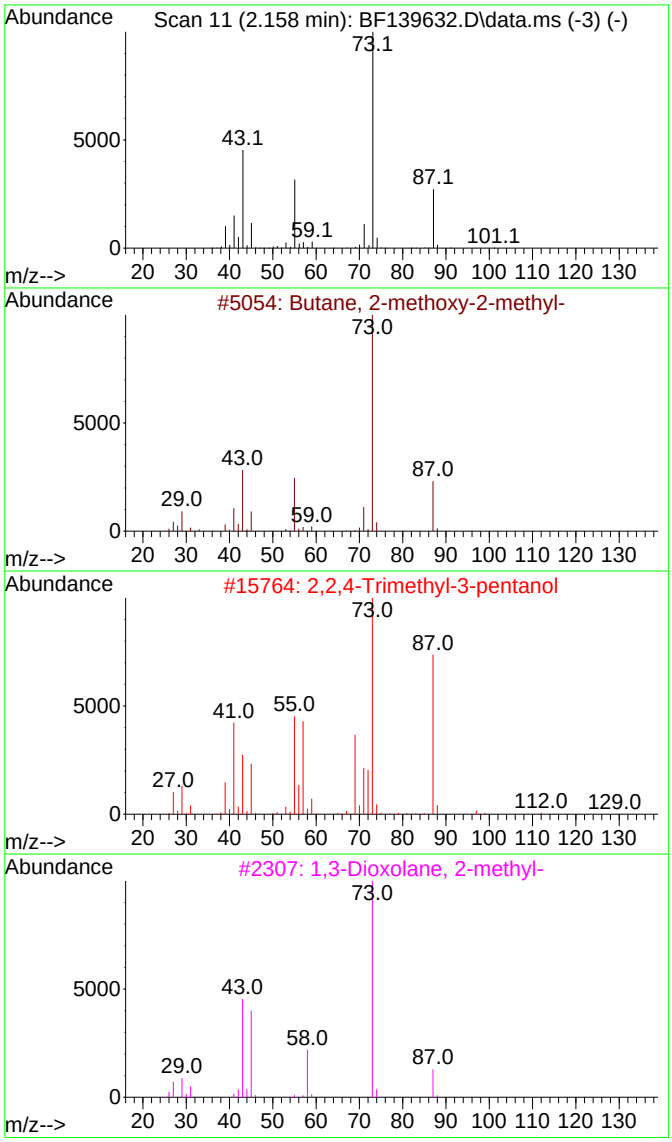
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

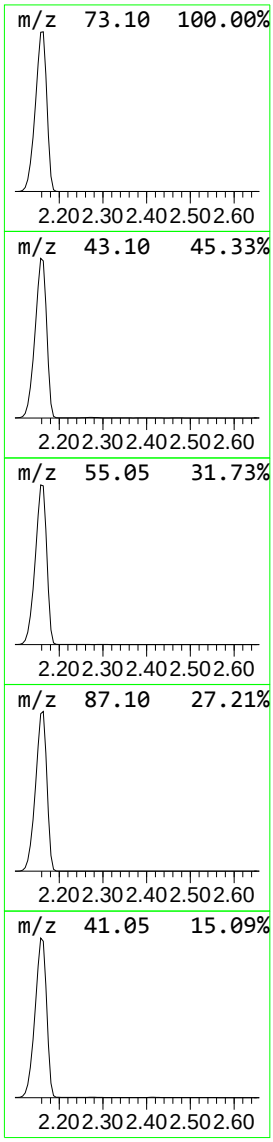
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	345.73 ng	8739940	1,4-Dichlorobenzene-d4	6.863

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

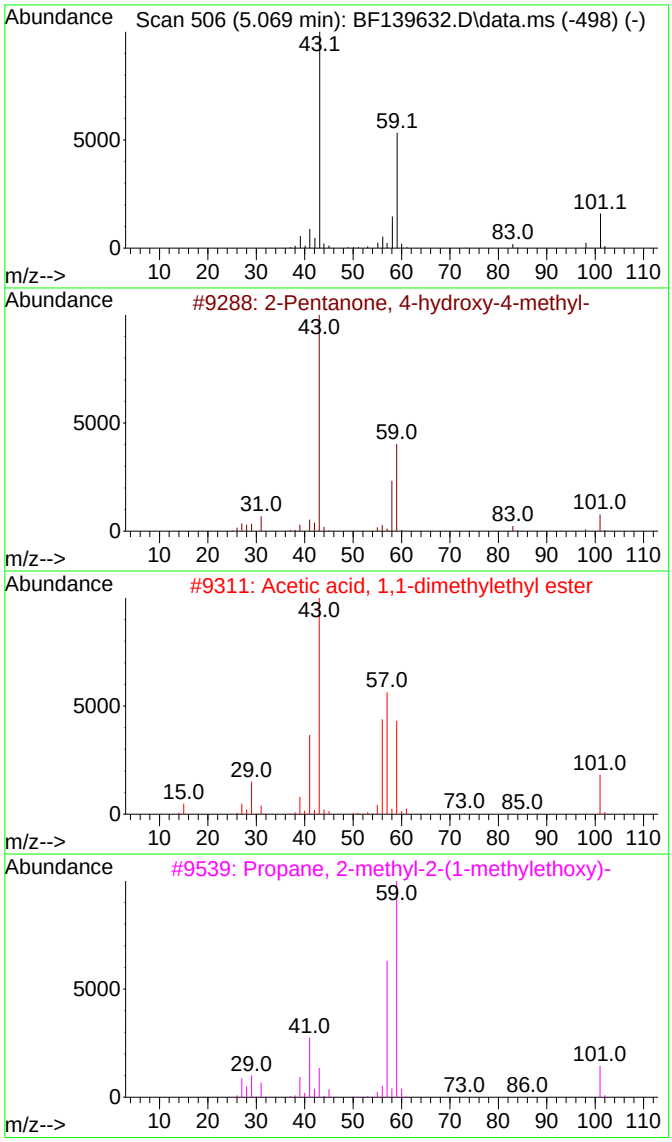
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

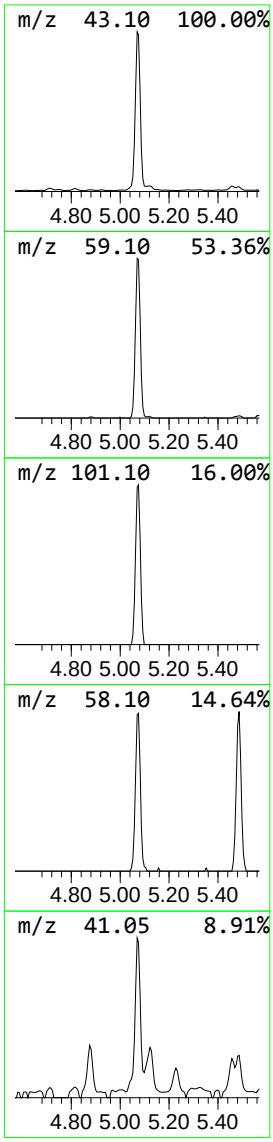
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	7.03 ng	177783	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

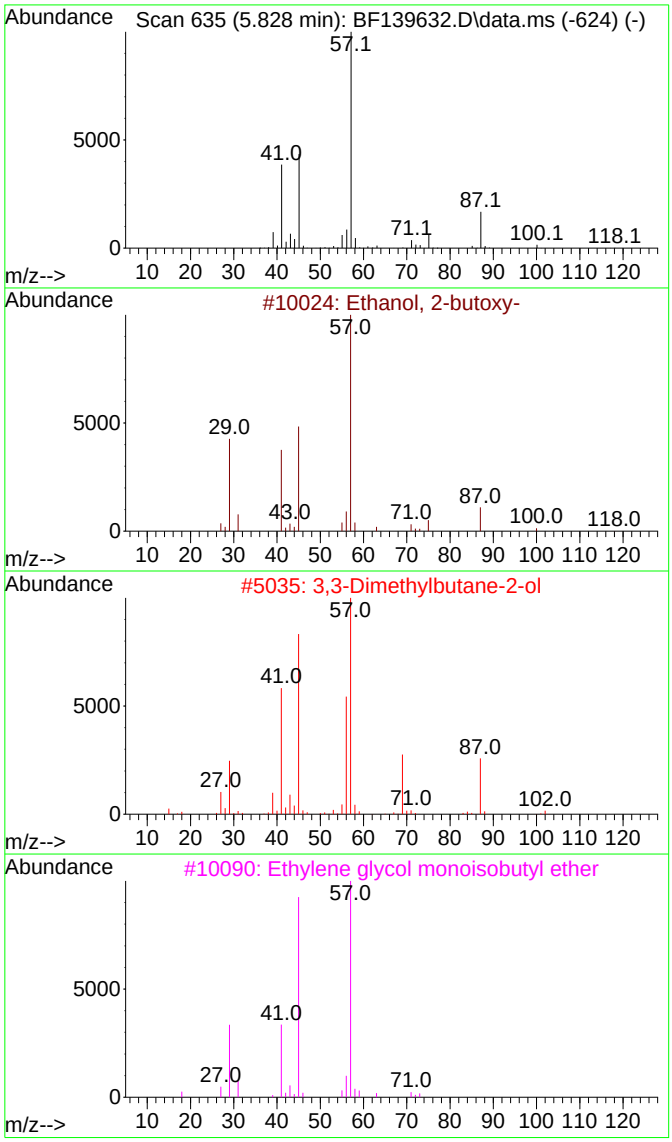
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

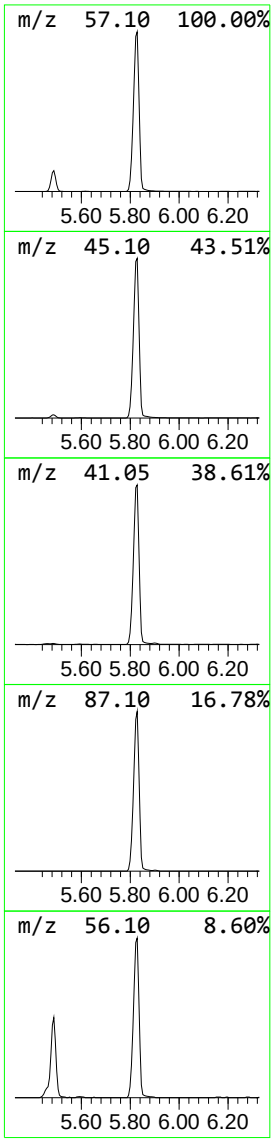
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	81.51 ng	2060570	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
4	1,3-Propanediol, 2-methyl-, dipr...	202	C10H18O4	054932-83-1	12
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

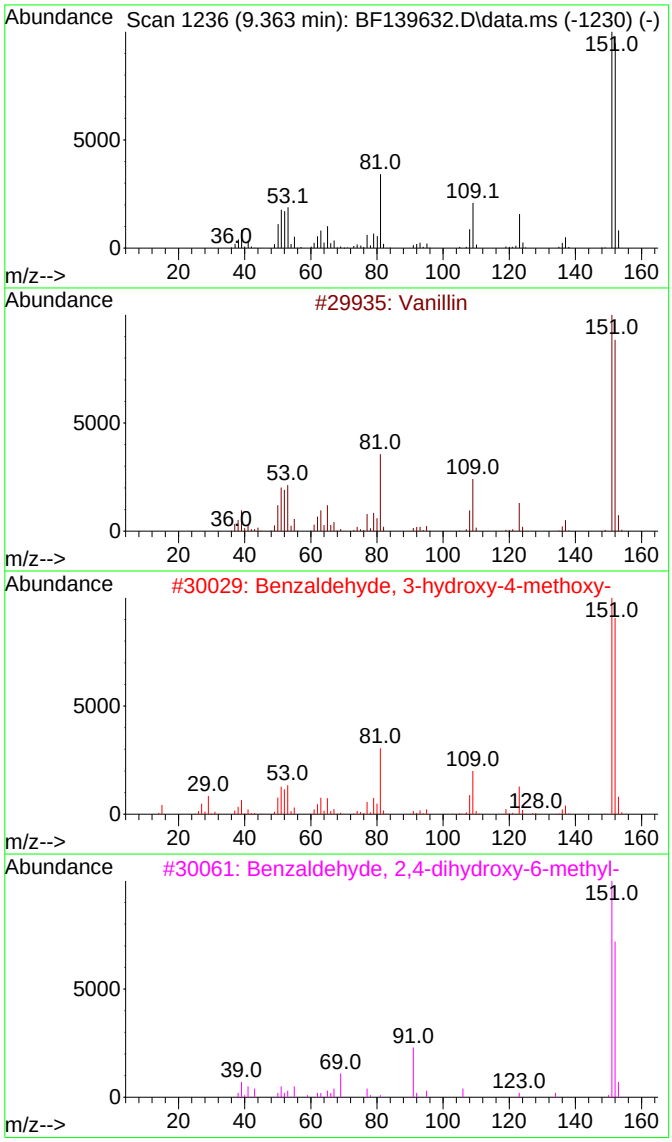
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

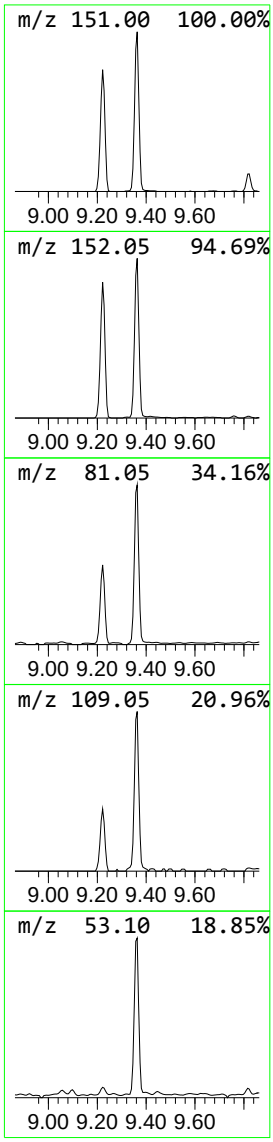
****

Peak Number 4 Vanillin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	8.06 ng	362124	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	98
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3	Benzaldehyde, 2,4-dihydroxy-6-me...	152	C8H8O3	000487-69-4	64
4	2-Hydroxy-4-methoxybenzaldehyde,...	194	C10H10O4	1010352-92-0	59
5	Benzaldehyde, 2,6-dihydroxy-4-me...	152	C8H8O3	000526-37-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

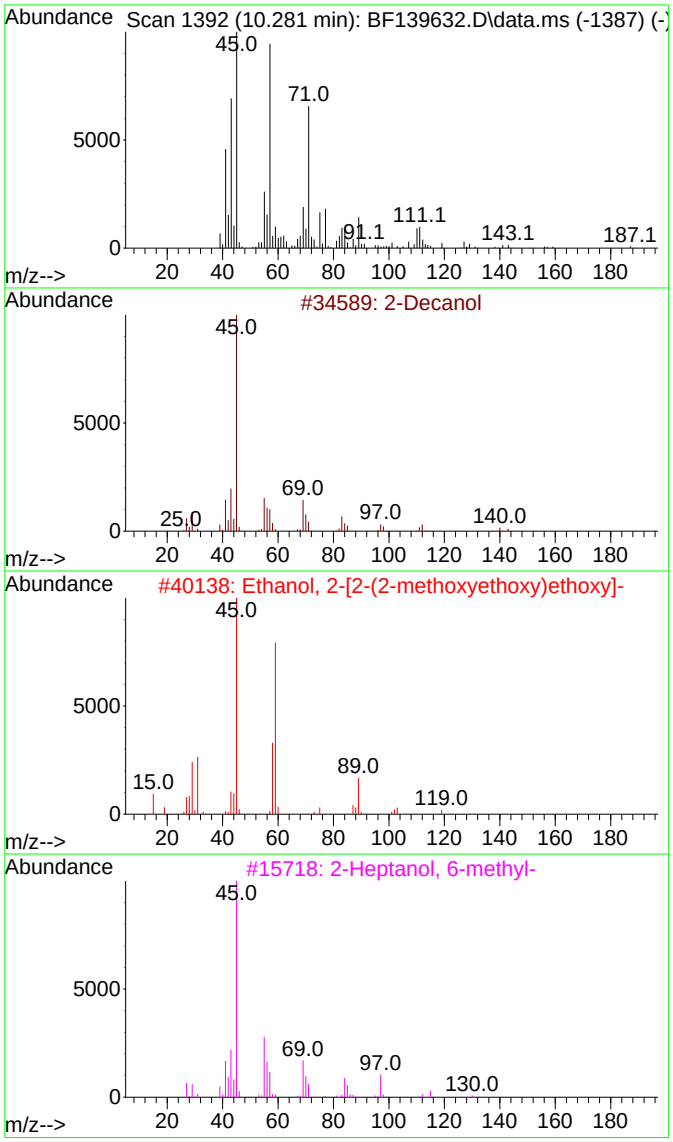
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

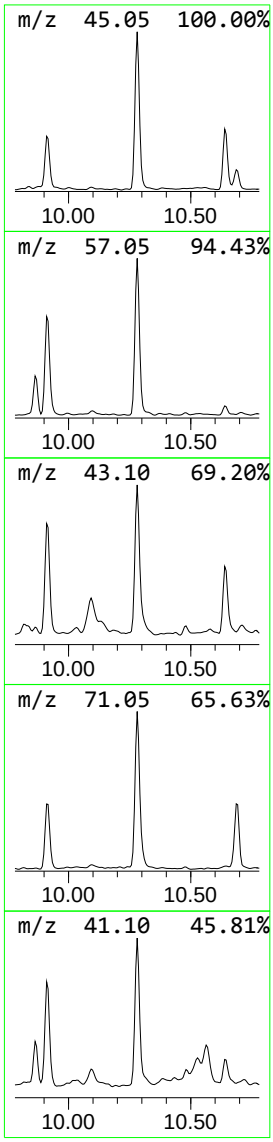
****

Peak Number 5 unknown10.281 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	6.21 ng	279042	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanol	158	C10H22O	001120-06-5	38
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	38
3	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	38
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	38
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

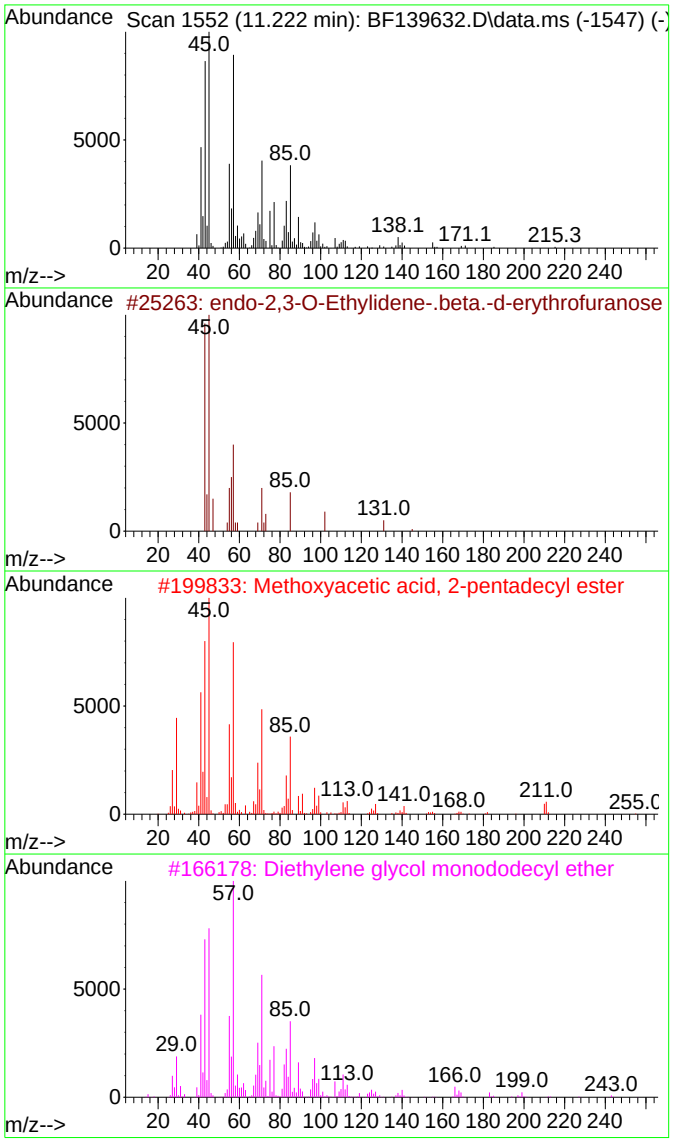
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

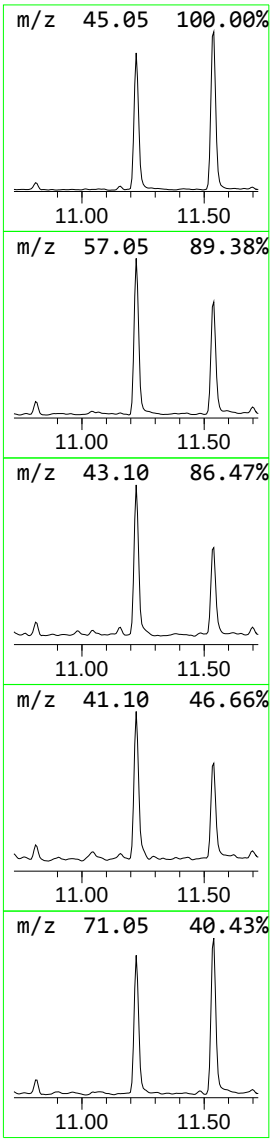
****

Peak Number 6 endo-2,3-O-Ethylidene-.beta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	7.23 ng	281779	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-2,3-O-Ethylidene-.beta.-d-e...	146	C6H10O4	077519-84-7	59
2	Methoxyacetic acid, 2-pentadecyl...	300	C18H36O3	1000282-05-1	59
3	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	53
4	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	52
5	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

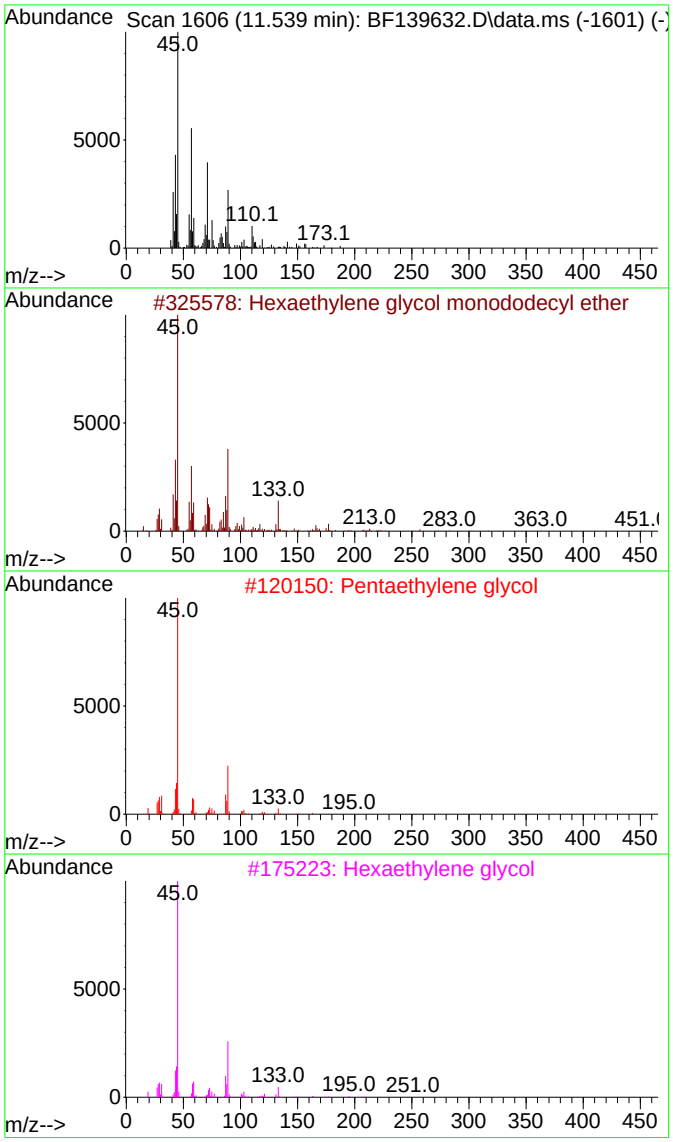
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

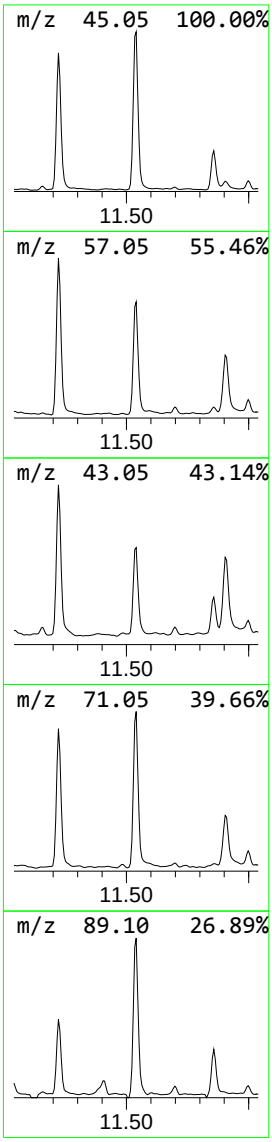
****

Peak Number 7 Hexaethylene glycol monodod... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	6.22 ng	242387	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	53
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	52
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	52
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	50
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

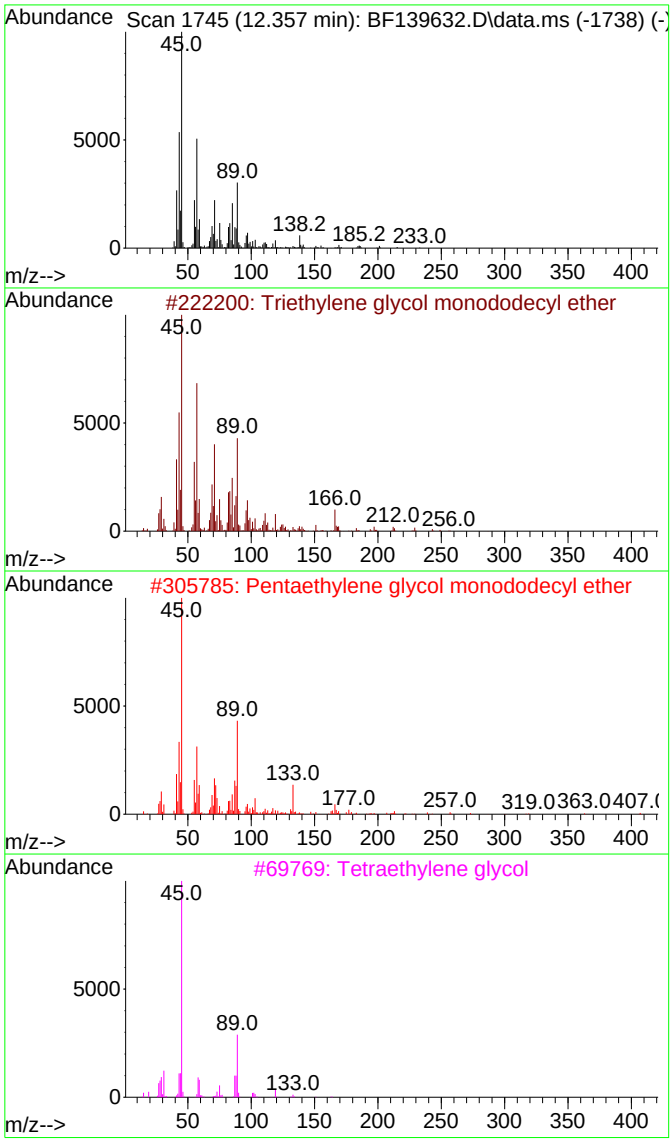
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

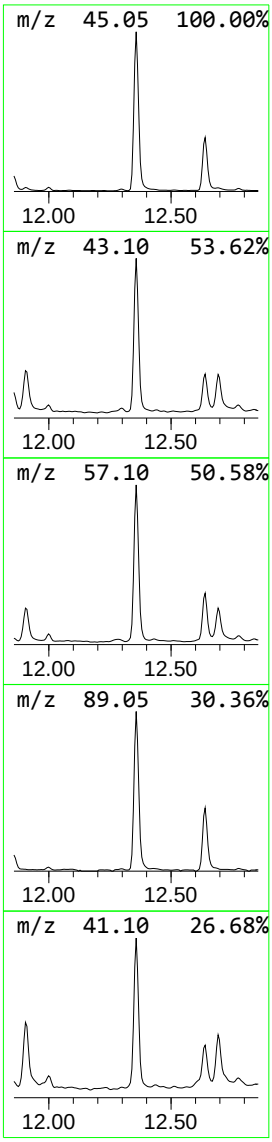
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Triethylene glycol monodode... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	17.21 ng	670930	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	72
2	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	64
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	64
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

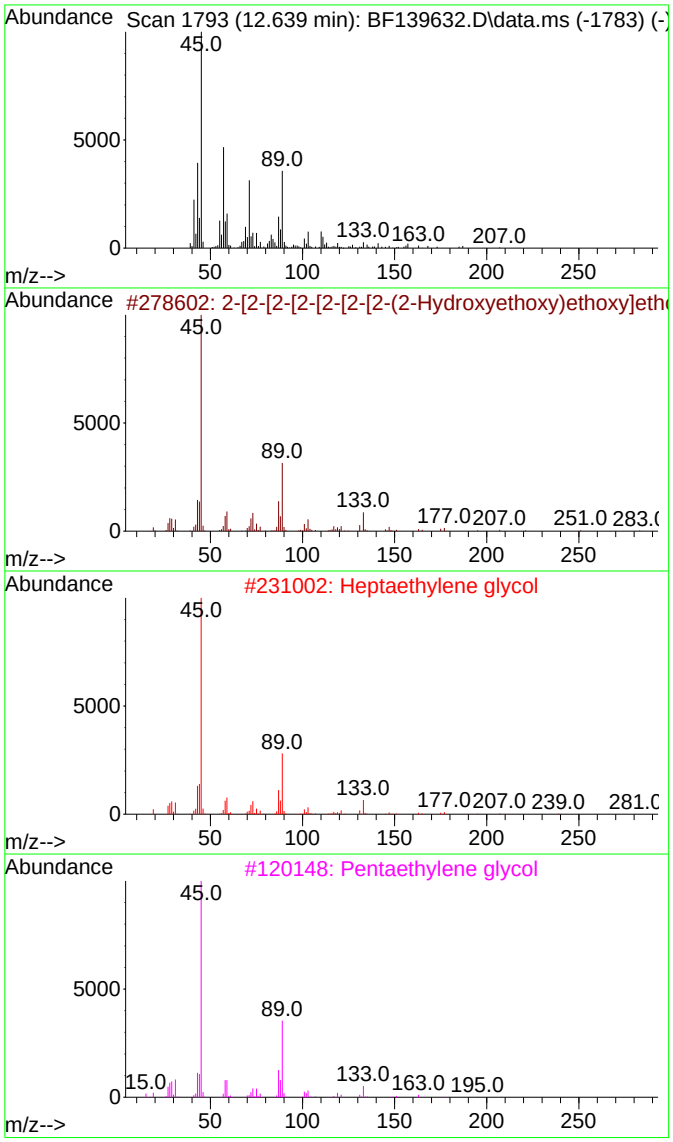
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

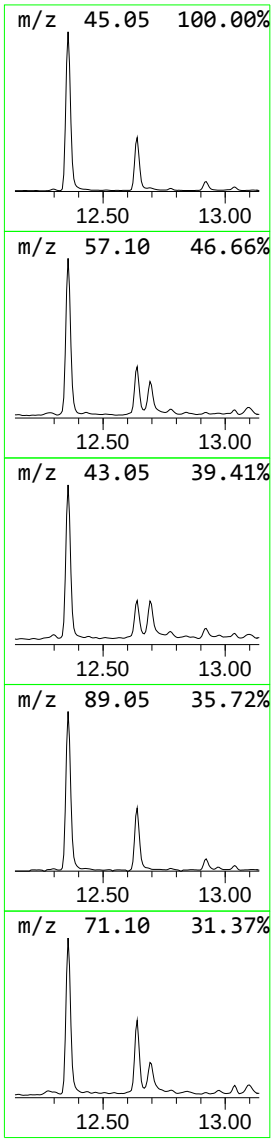
****

Peak Number 9 Heptaethylene glycol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	5.98 ng	233083	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	72
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

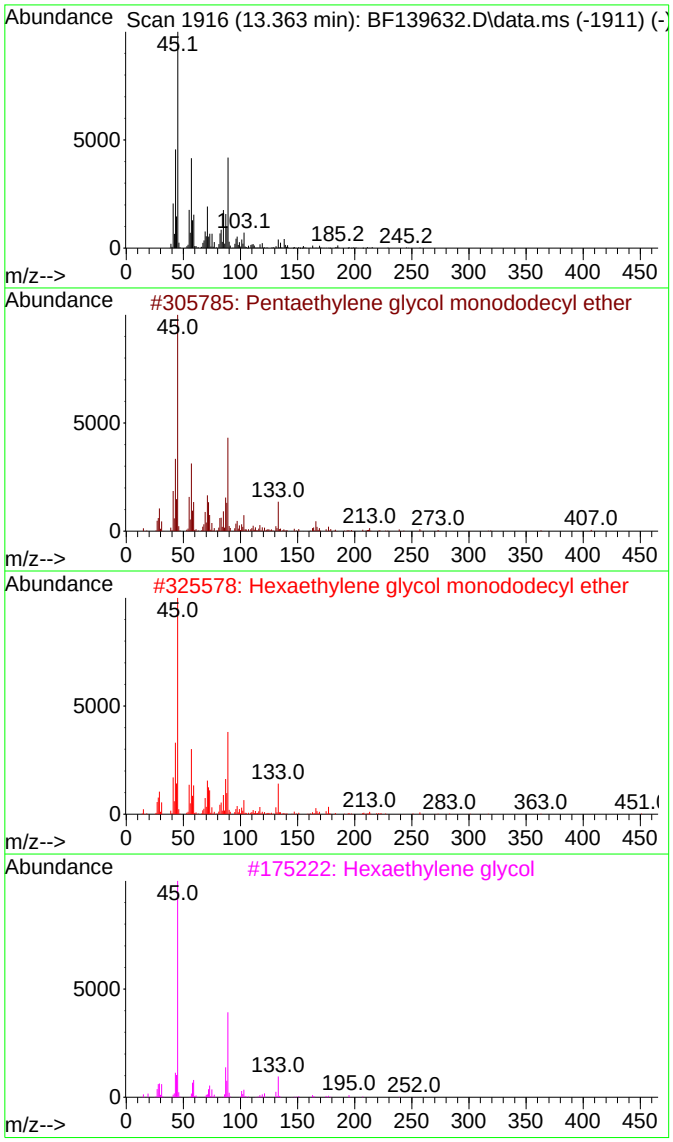
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

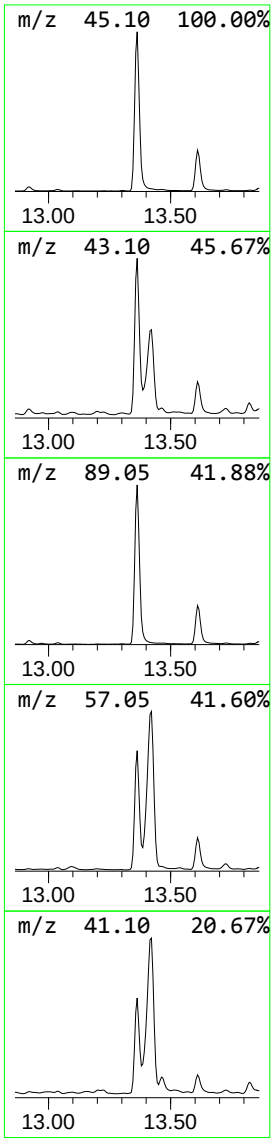
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentaethylene glycol monodo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	45.21 ng	1299730	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	86
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	83
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	74
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

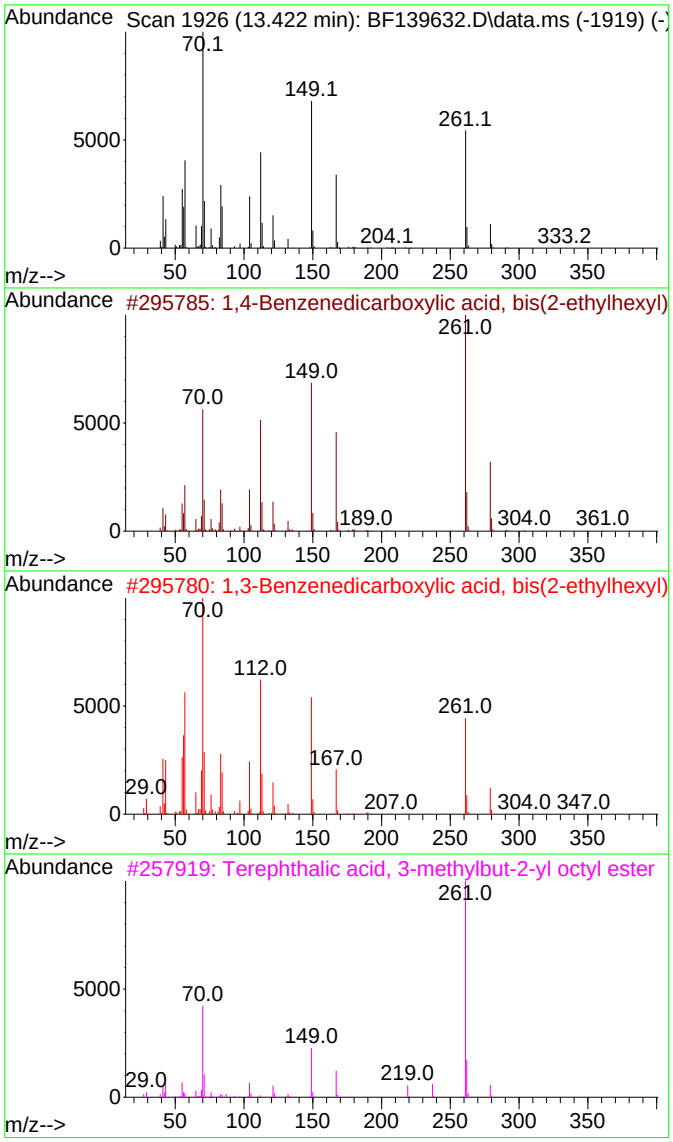
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

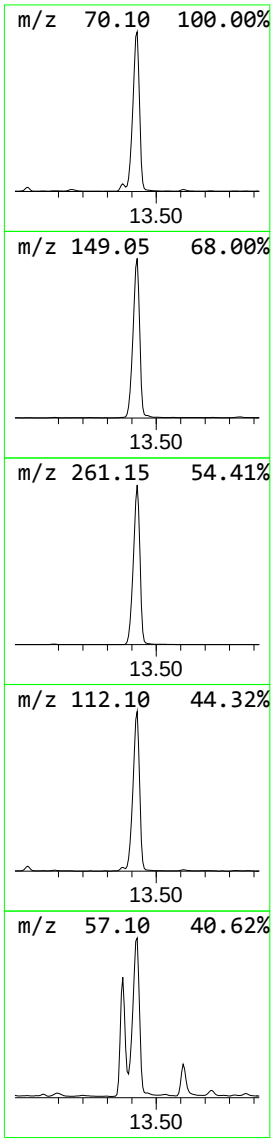
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,4-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	102.40 ng	2944220	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	43
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

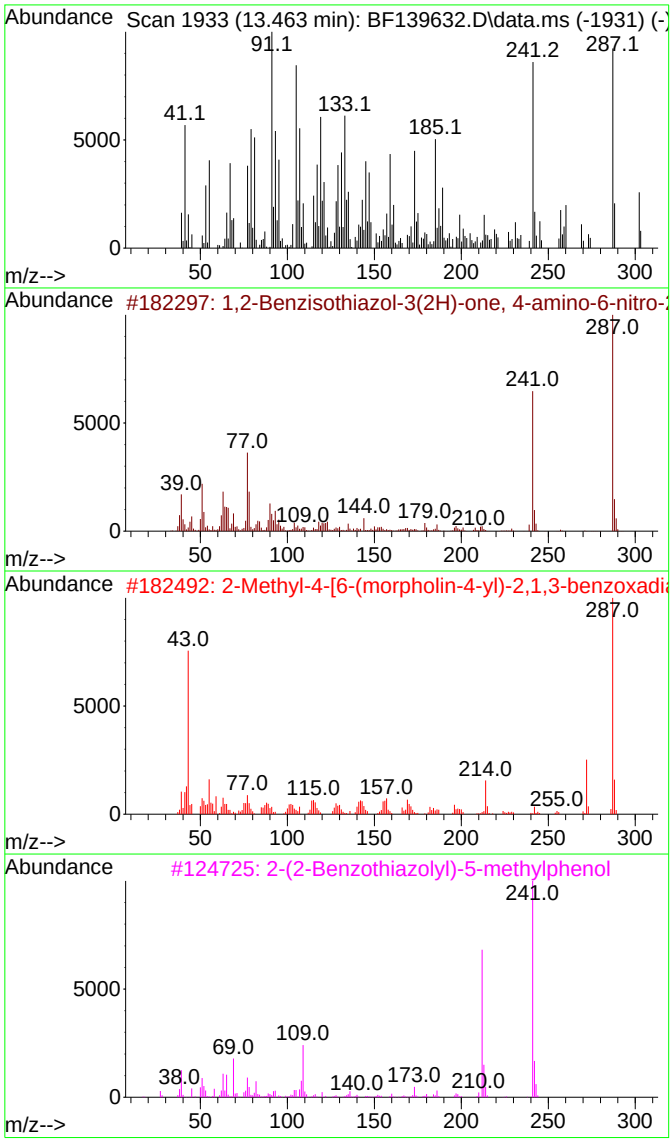
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

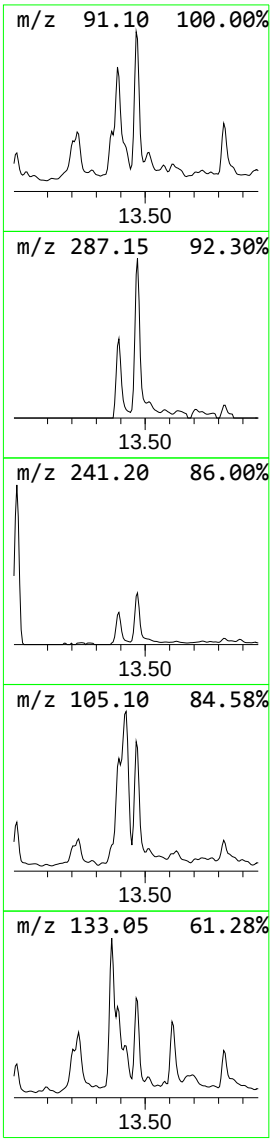
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,2-Benzisothiazol-3(2H)-on... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	8.22 ng	236286	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	42
2	2-Methyl-4-[6-(morpholin-4-yl)-2...	287	C15H17N3O3	1000387-47-1	25
3	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	25
4	Anthraquinone, 1-chloro-4-nitro-	287	C14H6ClNO4	006337-82-2	25
5	2,6-Di-tert-butylphenol, trifluo...	302	C16H21F3O2	1000467-25-5	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

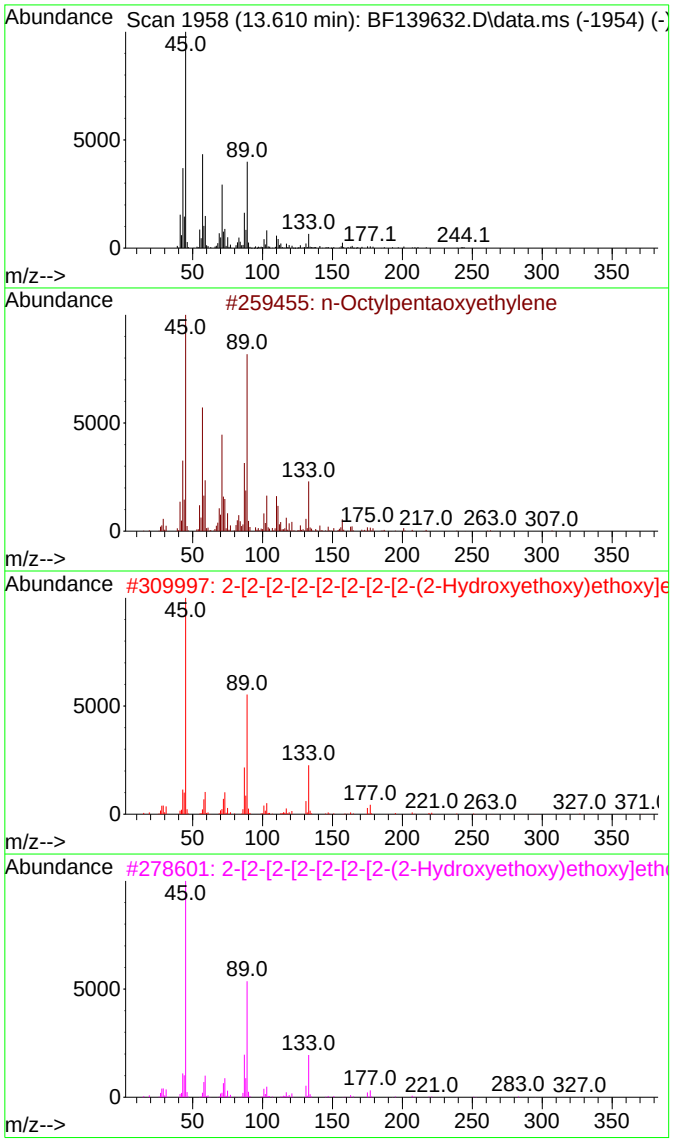
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

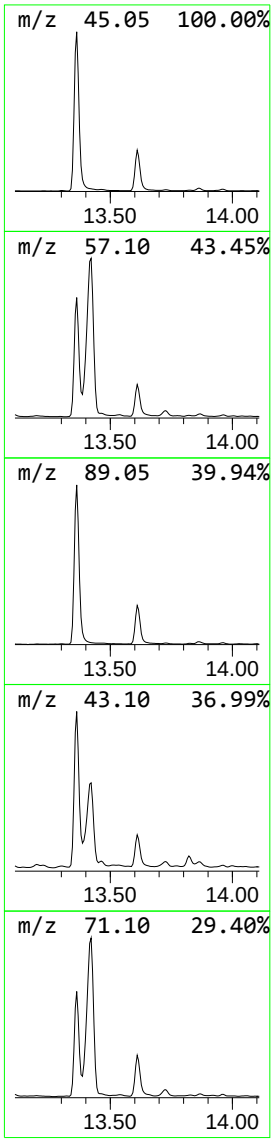
****

Peak Number 13 n-Octylpentaoxyethylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	11.65 ng	334972	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octylpentaoxyethylene	350	C18H38O6	019327-40-3	91
2	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	74
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

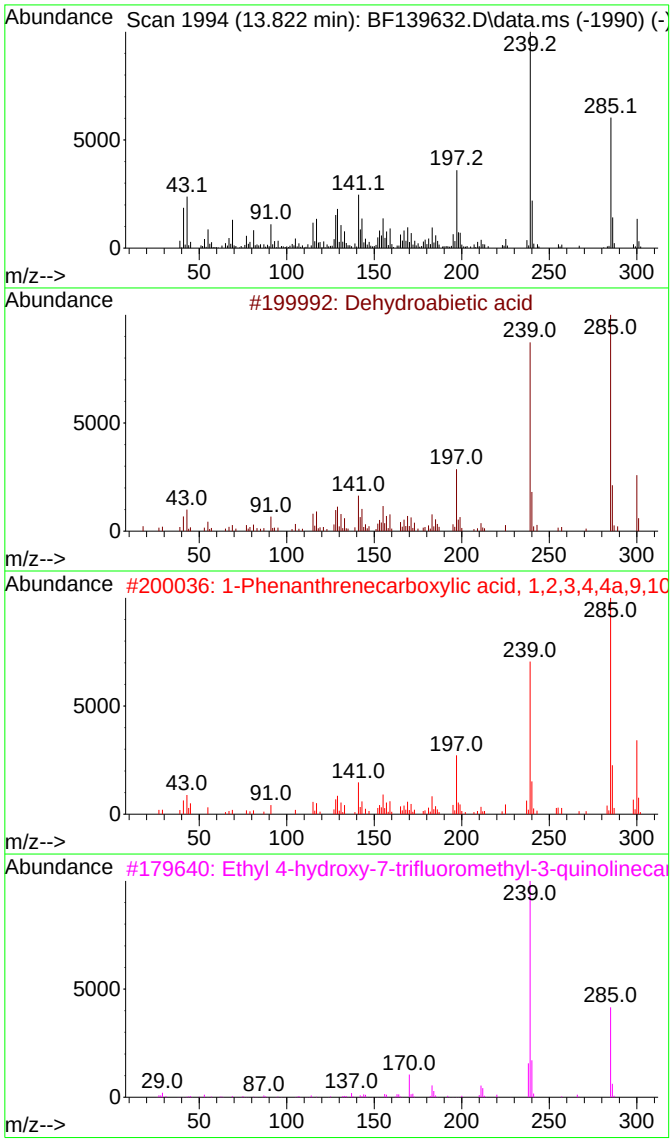
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

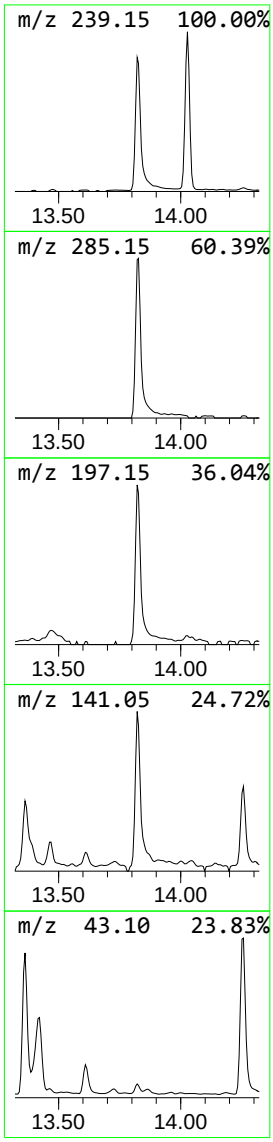
****

Peak Number 14 Dehydroabietic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	11.81 ng	339581	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	62
4	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	52
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

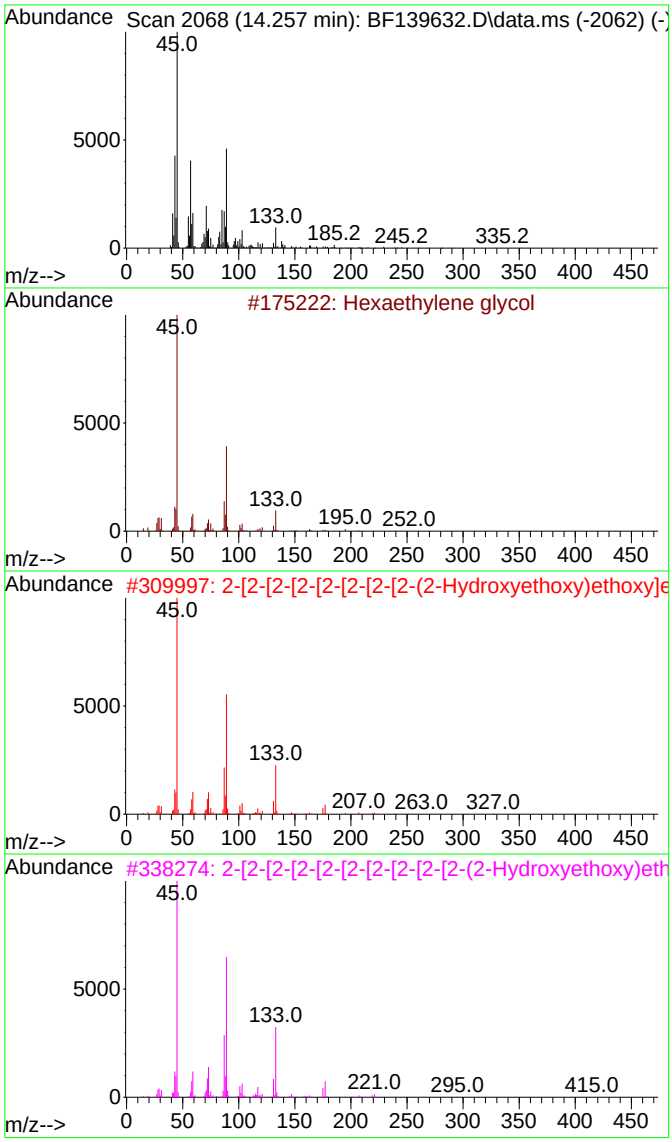
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

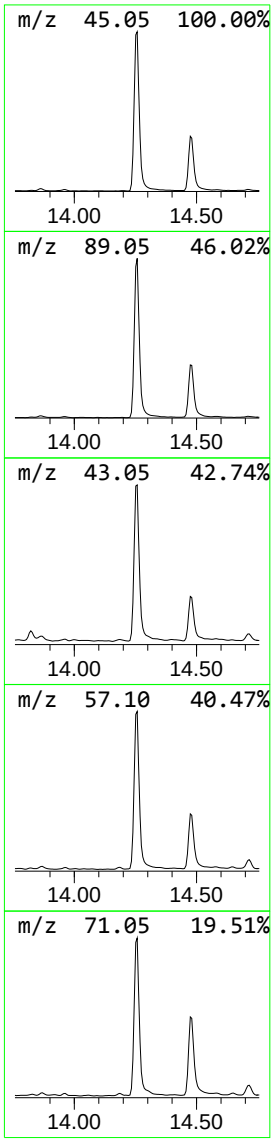
****

Peak Number 15 Hexaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	59.16 ng	1701080	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	87
2	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	83
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	006809-70-7	83
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	83
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

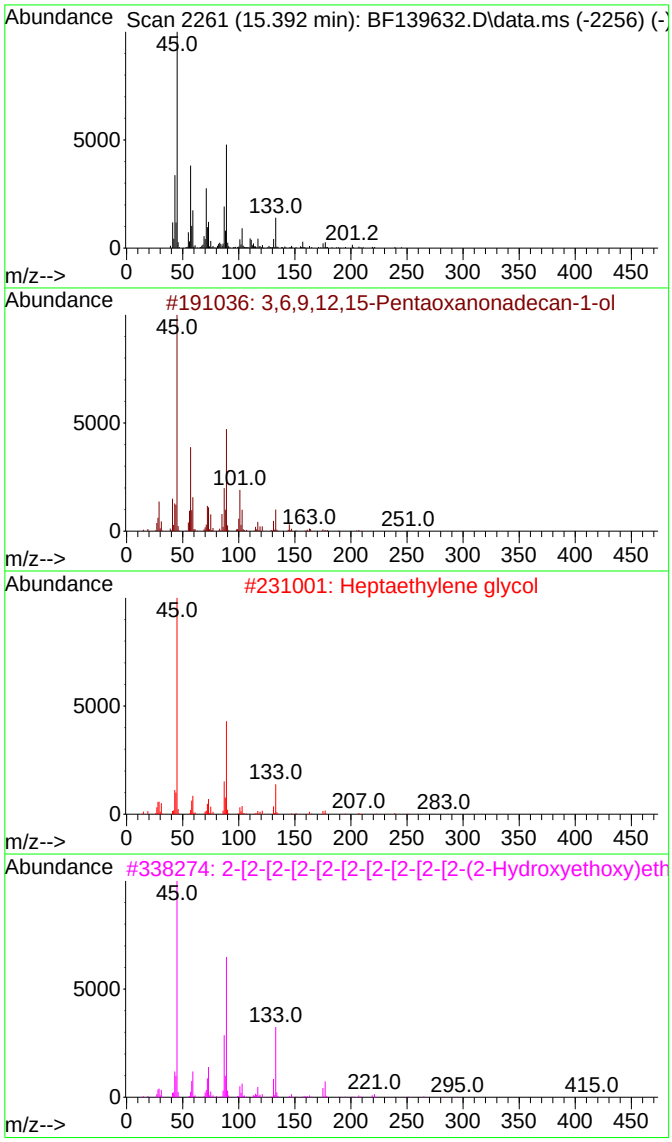
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

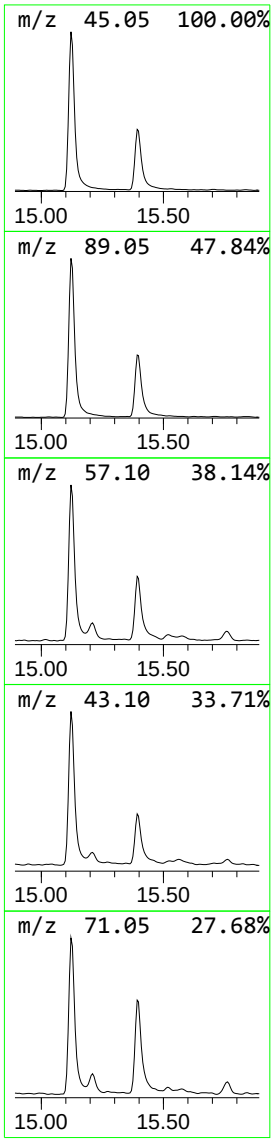
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	17.96 ng	447216	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	90
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	81
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	006809-70-7	80
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	80
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	005579-66-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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	345.7	ng	8739940	1	6.863	505599	20.0
2-Pentanone, 4-...	5.069	7.0	ng	177783	1	6.863	505599	20.0
Ethanol, 2-butoxy-	5.828	81.5	ng	2060570	1	6.863	505599	20.0
Vanillin	9.363	8.1	ng	362124	3	9.898	899089	20.0
unknown10.281	10.281	6.2	ng	279042	3	9.898	899089	20.0
endo-2,3-O-Ethy...	11.222	7.2	ng	281779	4	11.386	779709	20.0
Hexaethylene gl...	11.539	6.2	ng	242387	4	11.386	779709	20.0
Triethylene gly...	12.357	17.2	ng	670930	4	11.386	779709	20.0
Heptaethylene g...	12.639	6.0	ng	233083	4	11.386	779709	20.0
Pentaethylene g...	13.363	45.2	ng	1299730	5	14.027	575031	20.0
1,4-Benzenedica...	13.422	102.4	ng	2944220	5	14.027	575031	20.0
1,2-Benzisothia...	13.463	8.2	ng	236286	5	14.027	575031	20.0
n-Octylpentaoxy...	13.610	11.7	ng	334972	5	14.027	575031	20.0
Dehydroabietic ...	13.822	11.8	ng	339581	5	14.027	575031	20.0
Hexaethylene gl...	14.257	59.2	ng	1701080	5	14.027	575031	20.0
3,6,9,12,15-Pen...	15.392	18.0	ng	447216	6	15.498	497878	20.0